

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081018\
 Data File : VN050507.D
 Acq On : 10 Aug 2018 10:36
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Quant Time: Aug 10 23:28:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	705591	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1000018	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	922306	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	476935	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	446123	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	
35) Dibromofluoromethane	7.59	113	407792	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
50) Toluene-d8	10.09	98	1490084	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
62) 4-Bromofluorobenzene	12.40	95	510130	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	

MMDadoda

8/13/2018 11:05:27 AM

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	348269	44.47	ug/l	100
3) Chloromethane	2.06	50	415490	44.74	ug/l	100
4) Vinyl Chloride	2.18	62	449454	44.33	ug/l	99
5) Bromomethane	2.56	94	245296	49.90	ug/l	100
6) Chloroethane	2.70	64	282122	45.16	ug/l	100
7) Trichlorofluoromethane	3.01	101	611052	46.67	ug/l	100
8) Diethyl Ether	3.41	74	227703	47.42	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	389922	48.19	ug/l	99
10) Methyl Iodide	3.95	142	206806	58.01	ug/l	99
11) Tert butyl alcohol	4.79	59	135915	179.47	ug/l #	72
12) 1,1-Dichloroethene	3.73	96	345818	45.33	ug/l	97
13) Acrolein	3.61	56	108207	118.24	ug/l	96
14) Allyl chloride	4.32	41	562563	45.92	ug/l	98
15) Acrylonitrile	4.99	53	676798	213.35	ug/l	100
16) Acetone	3.82	43	595444	211.74	ug/l	98
17) Carbon Disulfide	4.05	76	1016993	41.00	ug/l	100
18) Methyl Acetate	4.32	43	333956	45.70	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	1052588	48.62	ug/l	99
20) Methylene Chloride	4.55	84	417797	48.55	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	385073	46.65	ug/l	98
22) Diisopropyl ether	5.95	45	1258568	50.29	ug/l	98
23) Vinyl Acetate	5.90	43	4280275	239.72	ug/l	100
24) 1,1-Dichloroethane	5.85	63	731439	47.63	ug/l	99
25) 2-Butanone	6.84	43	1007618	215.69	ug/l	99
26) 2,2-Dichloropropane	6.82	77	598151	47.25	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	446931	48.85	ug/l	99
28) Bromochloromethane	7.19	49	343788	48.64	ug/l	97
29) Tetrahydrofuran	7.21	42	504378	201.71	ug/l	99
30) Chloroform	7.37	83	750959	48.92	ug/l	100
31) Cyclohexane	7.65	56	620824	45.89	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	624039	47.34	ug/l	99
36) 1,1-Dichloropropene	7.79	75	553930	50.41	ug/l	100
37) Ethyl Acetate	6.93	43	357583	45.19	ug/l	99
38) Carbon Tetrachloride	7.77	117	558237	48.70	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081018\
 Data File : VN050507.D
 Acq On : 10 Aug 2018 10:36
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Quant Time: Aug 10 23:28:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	596467	49.73	ug/l	97
40) Benzene	8.04	78	1689772	50.02	ug/l	100
41) Methacrylonitrile	7.17	41	179171	42.58	ug/l	85
42) 1,2-Dichloroethane	8.12	62	540959	50.44	ug/l	99
43) Isopropyl Acetate	8.16	43	623199	45.62	ug/l #	85
44) Trichloroethene	8.83	130	445923	49.13	ug/l	100
45) 1,2-Dichloropropane	9.12	63	451149	50.80	ug/l	98
46) Dibromomethane	9.21	93	274151	49.99	ug/l	98
47) Bromodichloromethane	9.40	83	584180	51.43	ug/l	100
48) Methyl methacrylate	9.20	41	309120	45.15	ug/l	96
49) 1,4-Dioxane	9.20	88	83643	792.61	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	2199149	223.55	ug/l	99
52) Toluene	10.16	92	1042789	51.39	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	590190	51.75	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	675485	53.07	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	395252	49.89	ug/l	99
56) Ethyl methacrylate	10.43	69	502379	44.99	ug/l	97
57) 1,3-Dichloropropane	10.71	76	656715	50.51	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	1155153	221.93	ug/l	99
59) 2-Hexanone	10.75	43	1513329	220.43	ug/l	98
60) Dibromochloromethane	10.90	129	447821	51.31	ug/l	99
61) 1,2-Dibromoethane	11.00	107	386960	49.56	ug/l	99
64) Tetrachloroethene	10.63	164	423942	49.19	ug/l	100
65) Chlorobenzene	11.43	112	1139762	49.29	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	434862	51.67	ug/l	99
67) Ethyl Benzene	11.51	91	1940818	51.93	ug/l	99
68) m/p-Xylenes	11.62	106	1509218	106.07	ug/l	99
69) o-Xylene	11.95	106	722159	52.69	ug/l	99
70) Styrene	11.96	104	1200514	53.86	ug/l	99
71) Bromoform	12.13	173	305713	49.71	ug/l #	99
73) Isopropylbenzene	12.25	105	1903551	53.17	ug/l	99
74) N-amyl acetate	12.07	43	535601	46.15	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	483236	46.78	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	380196m	44.04	ug/l	
77) Bromobenzene	12.53	156	498185	51.94	ug/l	97
78) n-propylbenzene	12.59	91	2177014	53.72	ug/l	99
79) 2-Chlorotoluene	12.67	91	1296399	51.80	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1574109	54.16	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	123359	50.21	ug/l	98
82) 4-Chlorotoluene	12.77	91	1333225	53.42	ug/l	99
83) tert-Butylbenzene	12.99	119	1319896	52.06	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1606746	54.58	ug/l	99
85) sec-Butylbenzene	13.17	105	1763376	52.18	ug/l	100
86) p-Isopropyltoluene	13.29	119	1565337	54.05	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	879362	51.48	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	854596	50.10	ug/l	99
89) n-Butylbenzene	13.62	91	1275413	51.73	ug/l	99
90) Hexachloroethane	13.88	117	260046	50.50	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	848969	49.58	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	69320	39.53	ug/l	94

MMDadoda

8/13/2018 11:05:27 AM

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081018\
Data File : VN050507.D
Acq On : 10 Aug 2018 10:36
Operator : MD\SY
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Quant Time: Aug 10 23:28:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 05:22:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	441948	50.67	ug/l	98
94) Hexachlorobutadiene	15.01	225	263901	55.57	ug/l	99
95) Naphthalene	15.14	128	944277	41.55	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	427065	48.43	ug/l	99

MMDadoda

(#) = qualifier out of range (m) = manual integration (+) = signals summed

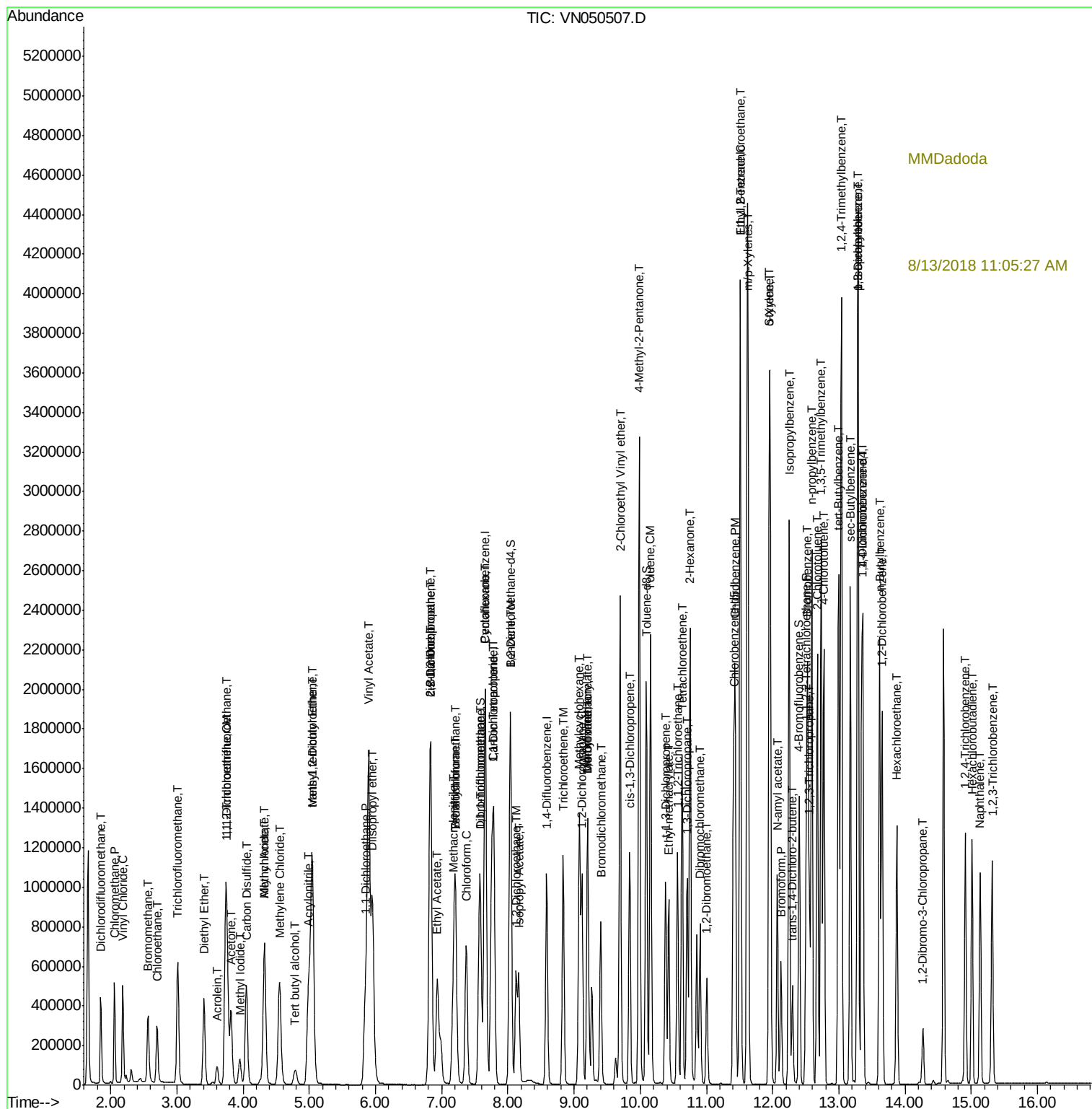
8/13/2018 11:05:27 AM

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081018\
Data File : VN050507.D
Acq On : 10 Aug 2018 10:36
Operator : MD\SY
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

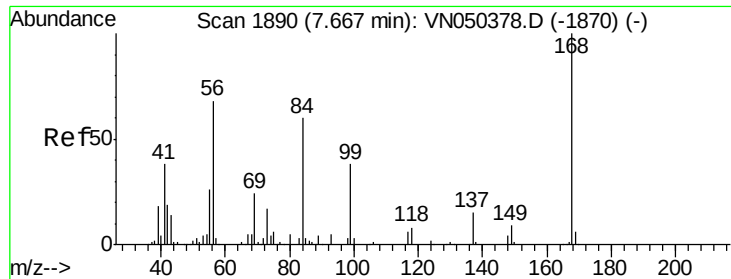
Manual Integrations
APPROVED

Quant Time: Aug 10 23:28:45 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 05:22:15 2018
Response via : Initial Calibration



MMDadoda

8/13/2018 11:05:27 AM



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VN050507.D

Acq: 10 Aug 2018 10:36

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 705591

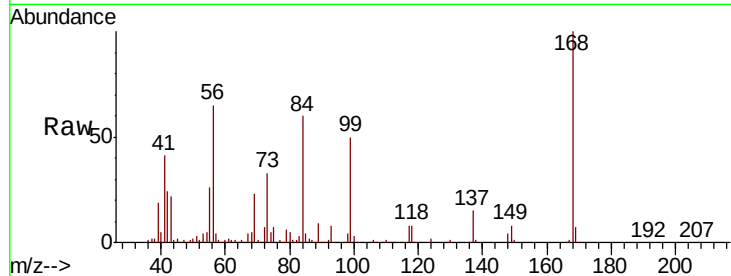
Ion Ratio Lower Upper

168 100

99 49.8 40.0 60.0

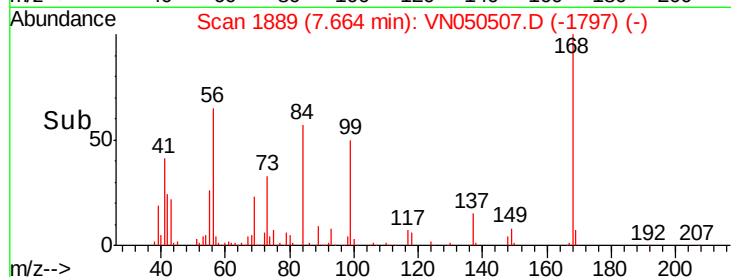
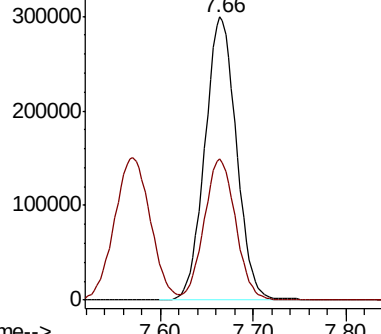
Manual Integrations

APPROVED



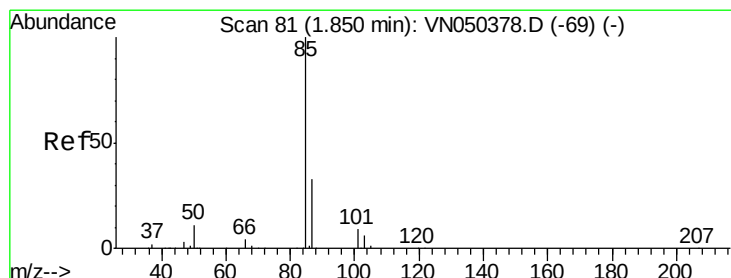
Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



MMDadoda

8/13/2018 11:05:27 AM



#2

Dichlorodifluoromethane

Concen: 44.47 ug/l

RT: 1.85 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN050507.D

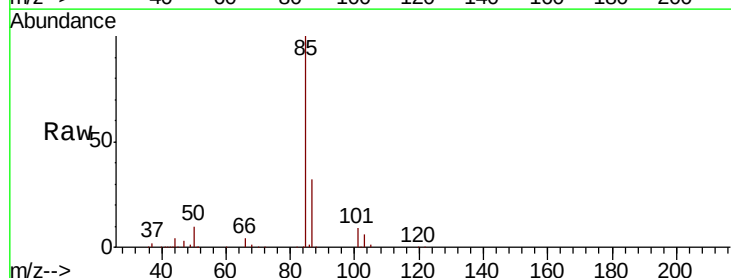
Acq: 10 Aug 2018 10:36

Tgt Ion: 85 Resp: 348269

Ion Ratio Lower Upper

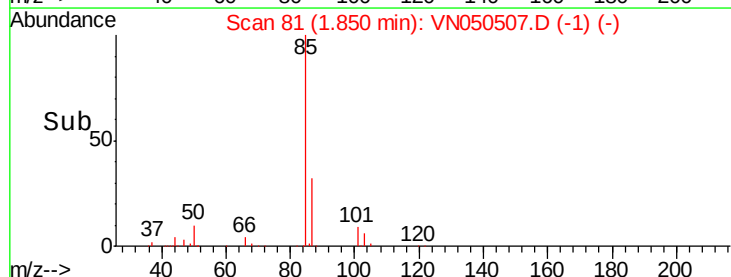
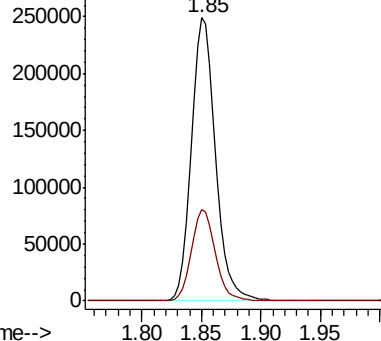
85 100

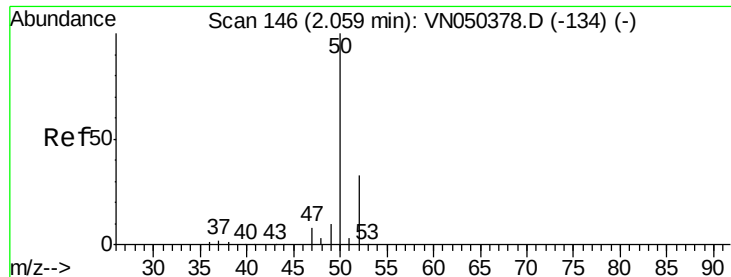
87 32.3 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 44.74 ug/l

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN050507.D

Acq: 10 Aug 2018 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

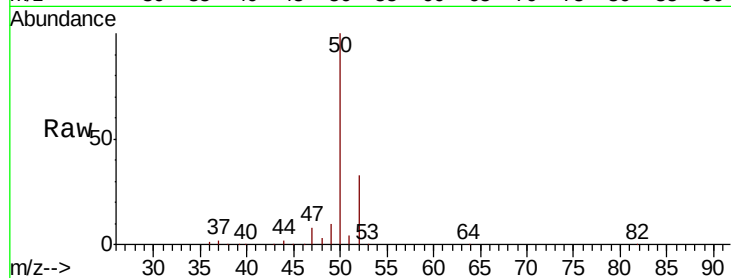
Tot Ion: 50 Resp: 415490

Ion Ratio Lower Upper

50 100

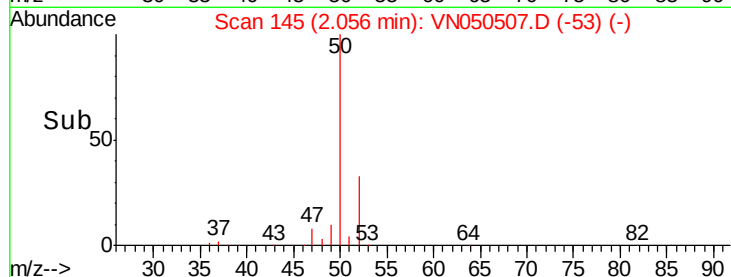
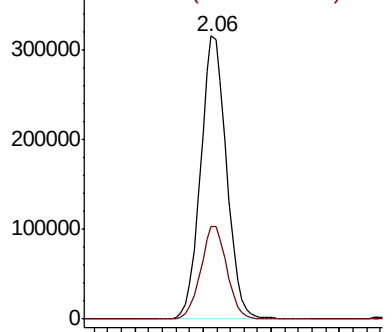
52 32.6 25.9 38.9

Manual Integrations
APPROVED



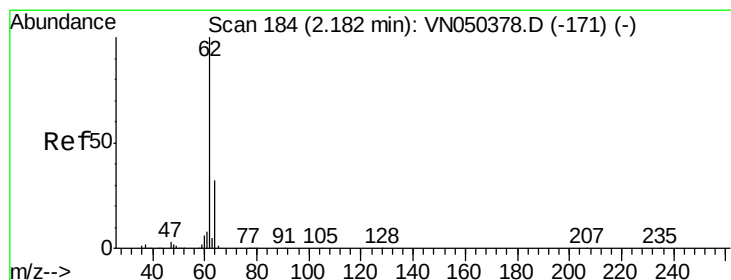
Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



MMDadoda

8/13/2018 11:05:27 AM



#4

Vinyl Chloride

Concen: 44.33 ug/l

RT: 2.18 min Scan# 185

Delta R.T. 0.00 min

Lab File: VN050507.D

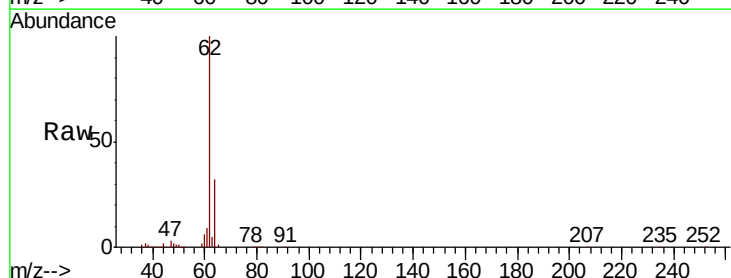
Acq: 10 Aug 2018 10:36

Tgt Ion: 62 Resp: 449454

Ion Ratio Lower Upper

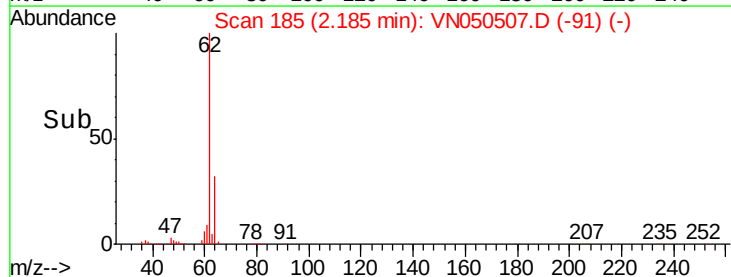
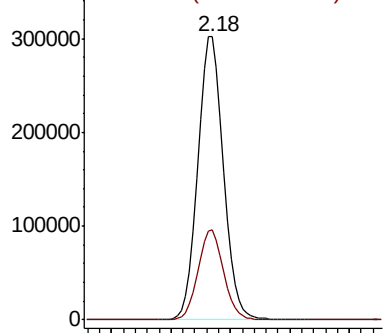
62 100

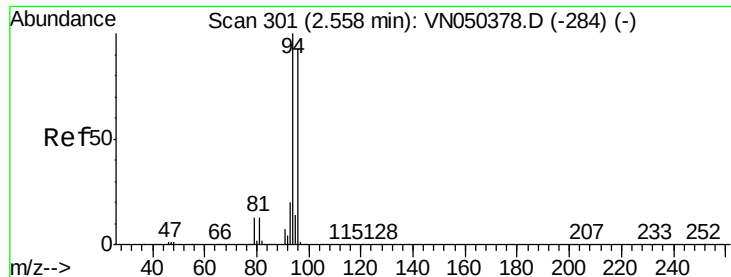
64 31.6 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 49.90 ug/l

RT: 2.56 min Scan# 303

Delta R.T. 0.01 min

Lab File: VN050507.D

Acq: 10 Aug 2018 10:36

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

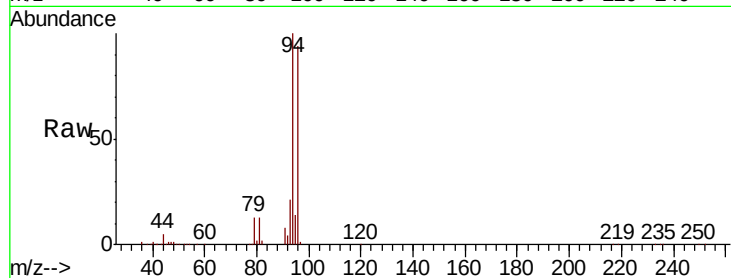
Tot Ion: 94 Resp: 245296

Ion Ratio Lower Upper

94 100

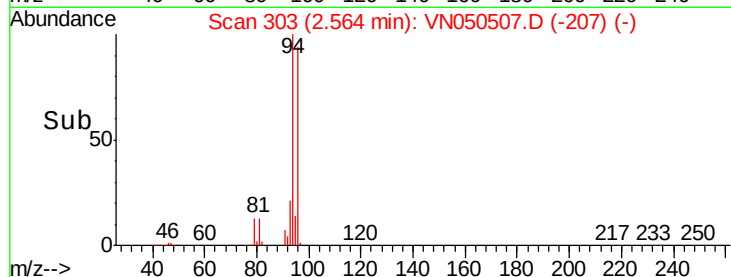
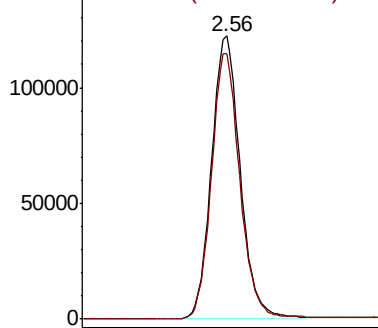
96 93.7 74.6 112.0

Manual Integrations
APPROVED



Abundance Ion 93.90 (93.60 to 94.60): VN0

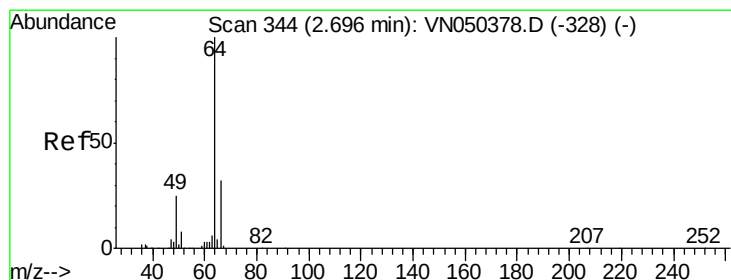
Ion 95.90 (95.60 to 96.60): VN0



MMDadoda

8/13/2018 11:05:27 AM

Time-->



#6

Chloroethane

Concen: 45.16 ug/l

RT: 2.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VN050507.D

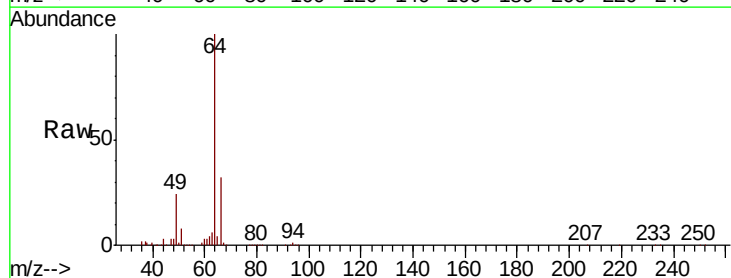
Acq: 10 Aug 2018 10:36

Tgt Ion: 64 Resp: 282122

Ion Ratio Lower Upper

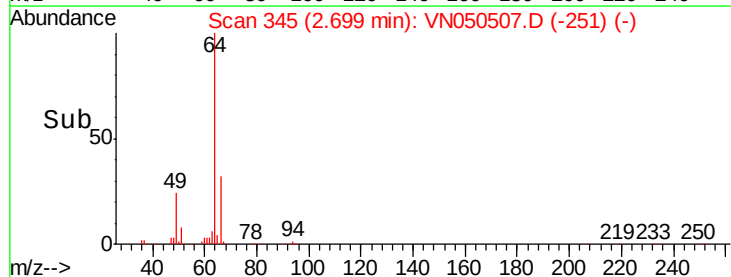
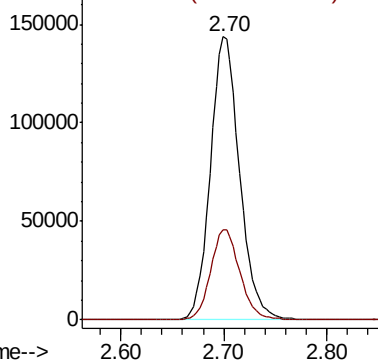
64 100

66 31.8 25.3 37.9

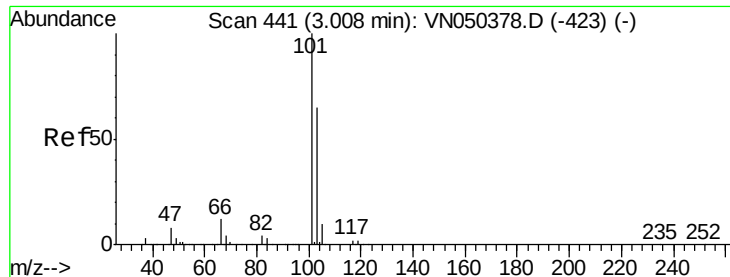


Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



Time-->



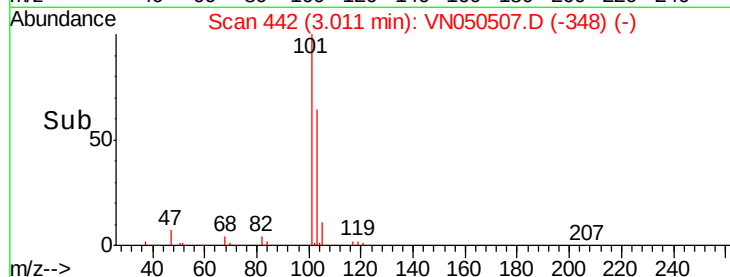
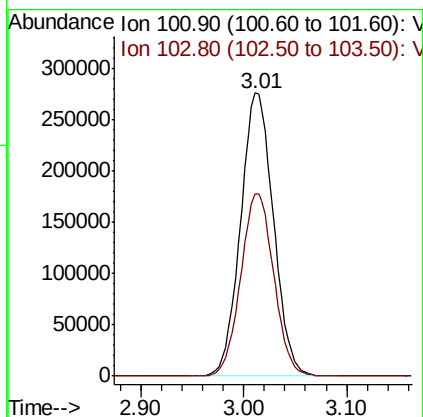
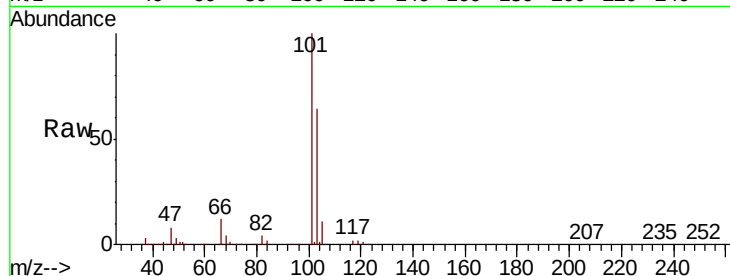
#7

Trichlorofluoromethane
 Concen: 46.67 ug/l
 RT: 3.01 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: VN050507.D
 Acq: 10 Aug 2018 10:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

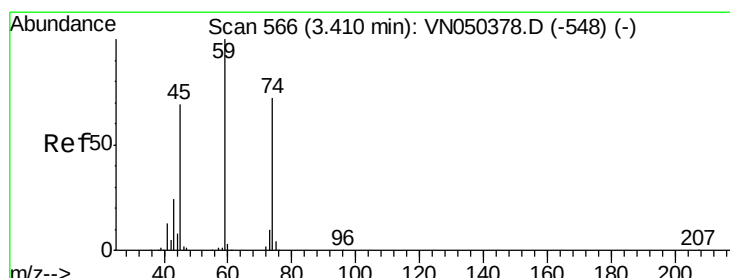
Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.7	77.5

Manual Integrations
 APPROVED



MMDadoda

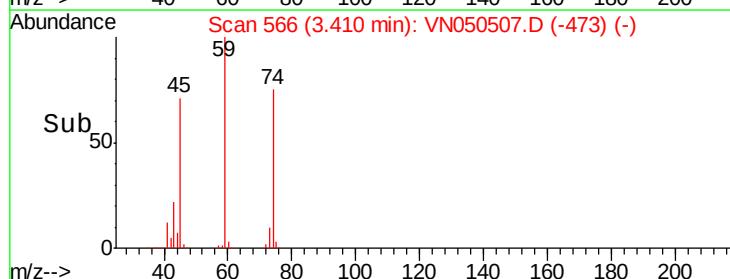
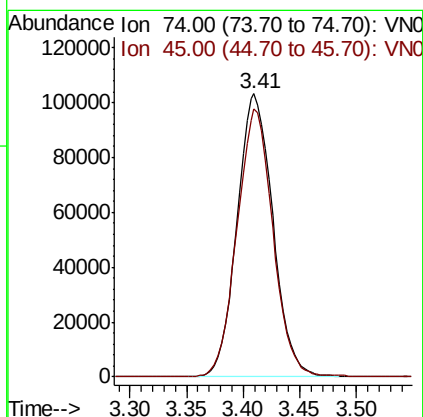
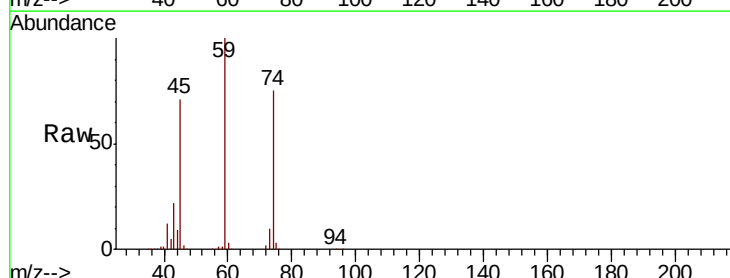
8/13/2018 11:05:27 AM

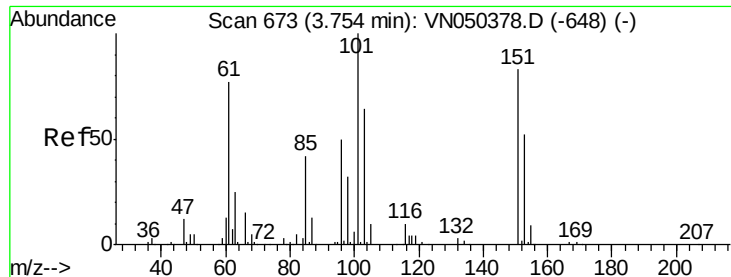


#8

Diethyl Ether
 Concen: 47.42 ug/l
 RT: 3.41 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: VN050507.D
 Acq: 10 Aug 2018 10:36

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.2	47.6	142.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.19 ug/l

RT: 3.76 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN050507.D

Acq: 10 Aug 2018 10:36

Instrument :

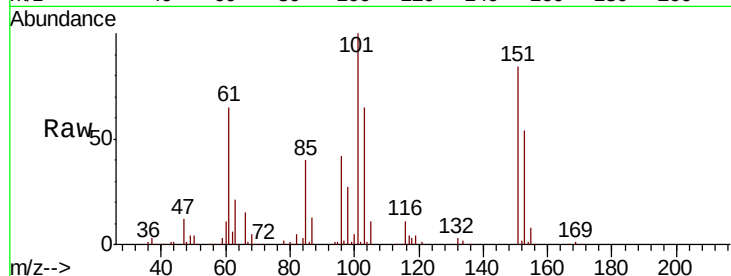
MSVOA_N

ClientSampled :

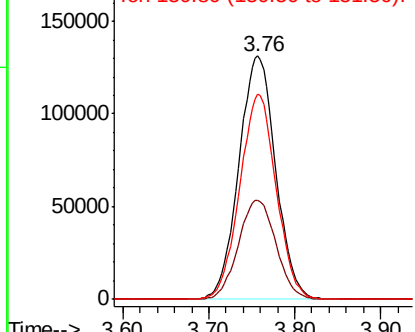
VSTDCCC050

Tot Ion:	101	Resp:	389922
Ion Ratio	Lower	Upper	
101	100		
85	41.6	34.2	51.2
151	83.3	66.3	99.5

Manual Integrations
APPROVED

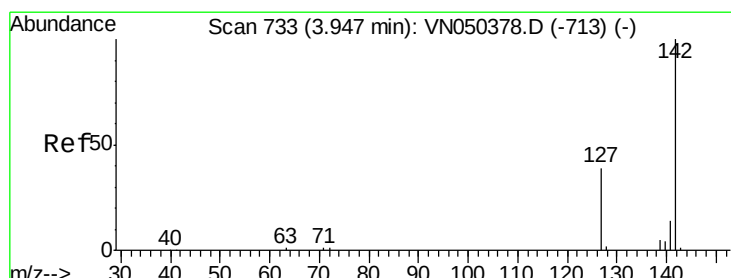
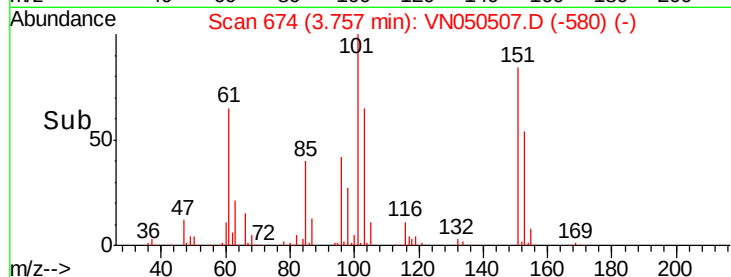


Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VN
Ion 150.80 (150.50 to 151.50): V



MMDadoda

8/13/2018 11:05:27 AM



#10

Methyl Iodide

Concen: 58.01 ug/l

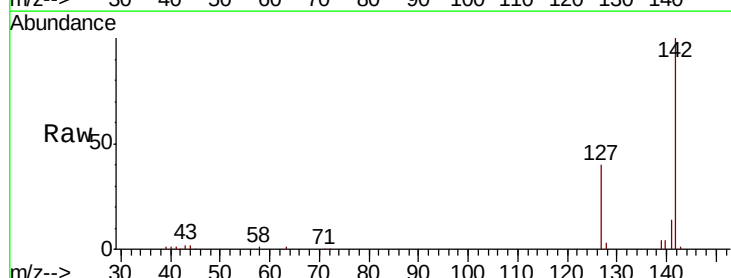
RT: 3.95 min Scan# 734

Delta R.T. 0.00 min

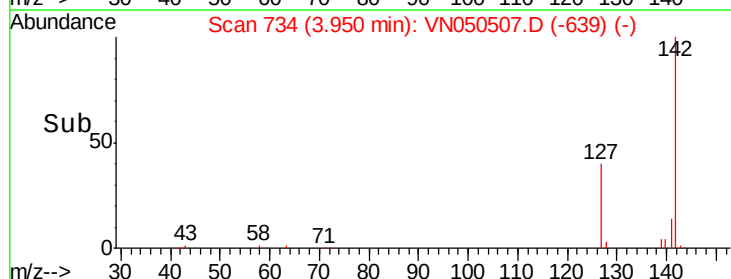
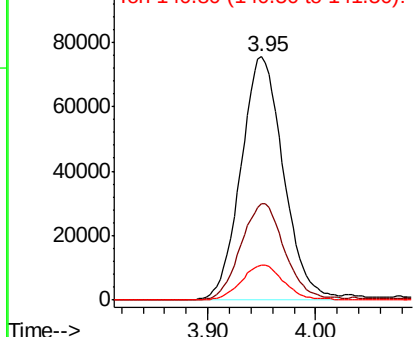
Lab File: VN050507.D

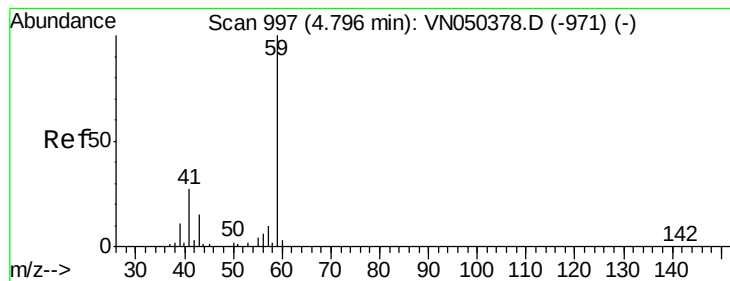
Acq: 10 Aug 2018 10:36

Tgt Ion:	142	Resp:	206806
Ion Ratio	Lower	Upper	
142	100		
127	40.9	33.4	50.2
141	14.6	11.6	17.4



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





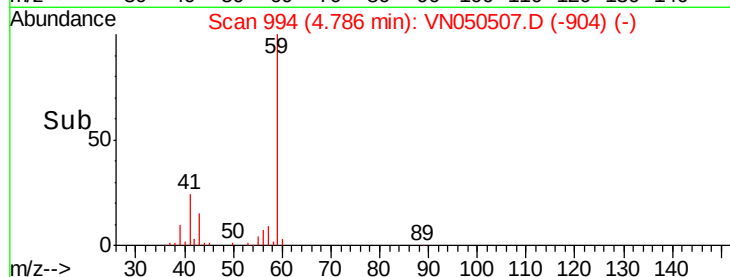
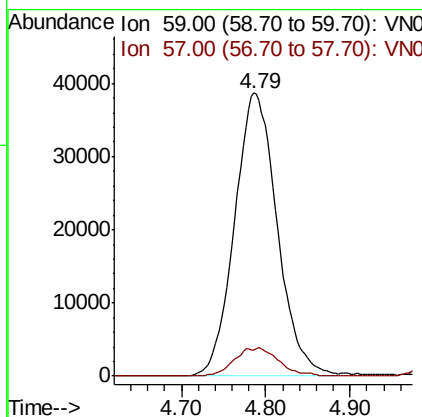
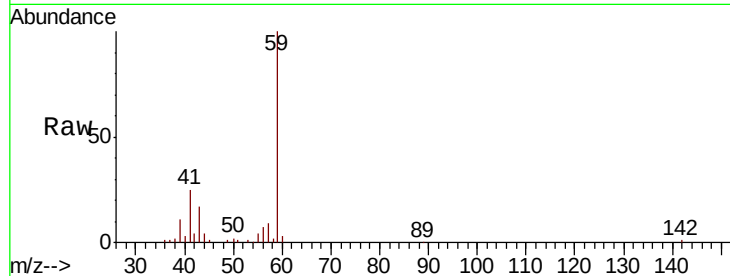
#11

Tert butyl alcohol
 Concen: 179.47 ug/l
 RT: 4.79 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: VN050507.D
 Acq: 10 Aug 2018 10:36

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

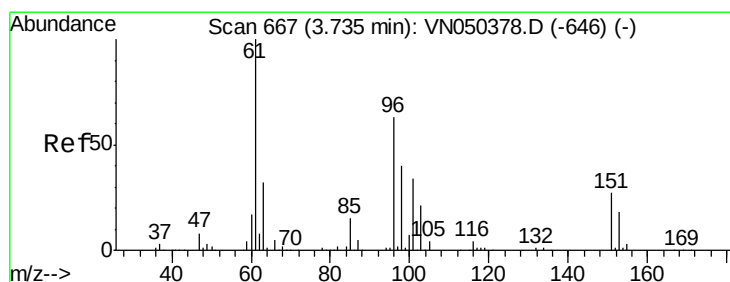
Tot Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.5	12.7#

Manual Integrations
 APPROVED



MMDadoda

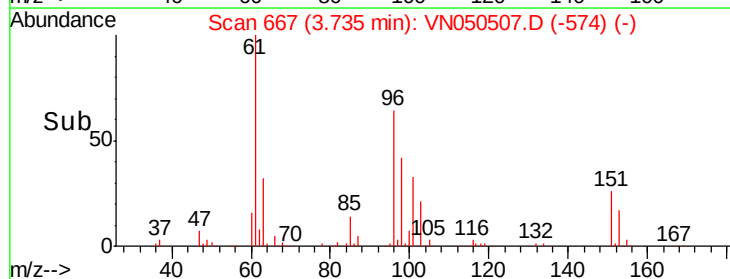
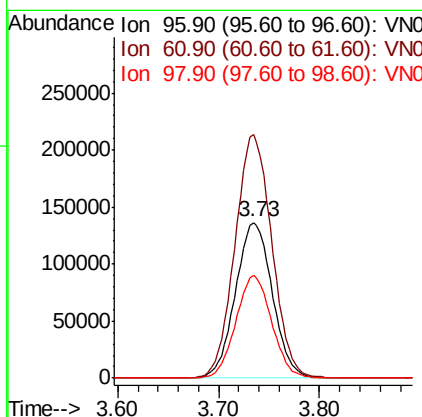
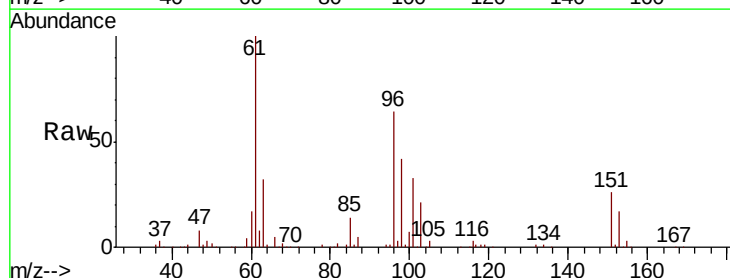
8/13/2018 11:05:27 AM

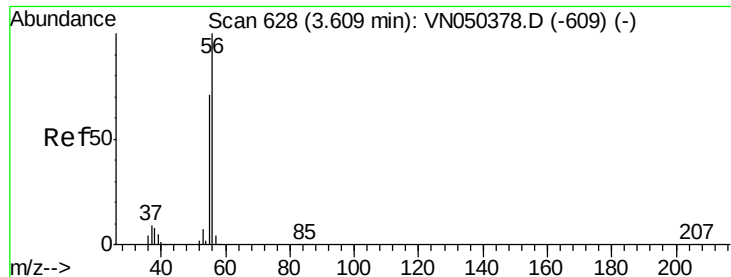


#12

1,1-Dichloroethene
 Concen: 45.33 ug/l
 RT: 3.73 min Scan# 667
 Delta R.T. -0.00 min
 Lab File: VN050507.D
 Acq: 10 Aug 2018 10:36

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.8	124.4	186.6
98	66.0	48.3	72.5





#13

Acrolein

Concen: 118.24 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN050507.D

Acq: 10 Aug 2018 10:36

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 56 Resp: 108207

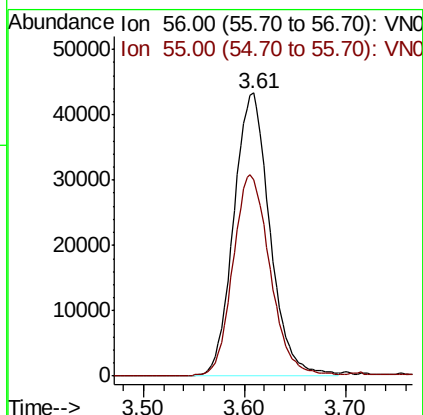
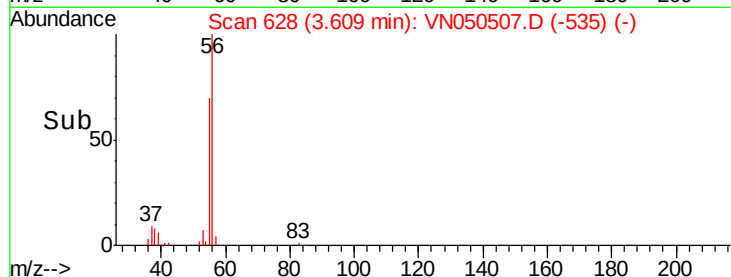
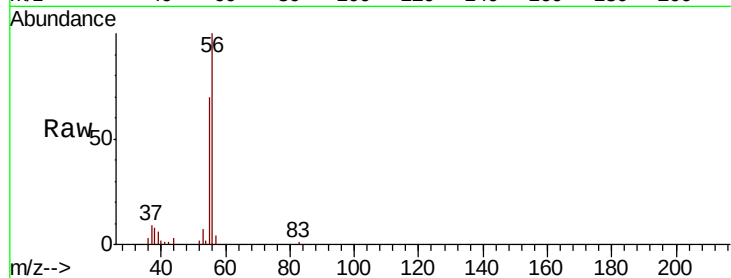
Ion Ratio Lower Upper

56 100

55 73.0 55.8 83.6

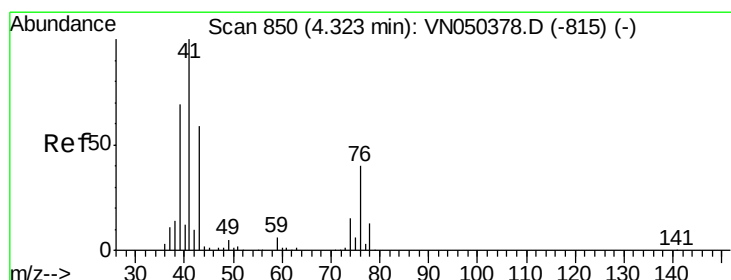
Manual Integrations

APPROVED



MMDadoda

8/13/2018 11:05:27 AM



#14

Allyl chloride

Concen: 45.92 ug/l

RT: 4.32 min Scan# 849

Delta R.T. -0.00 min

Lab File: VN050507.D

Acq: 10 Aug 2018 10:36

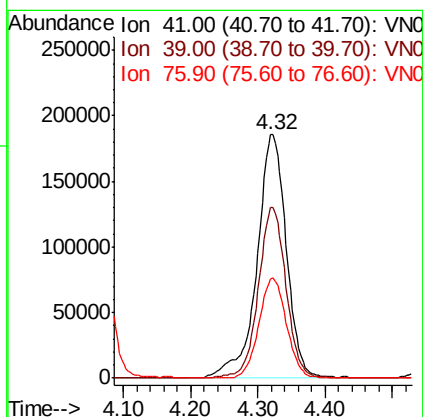
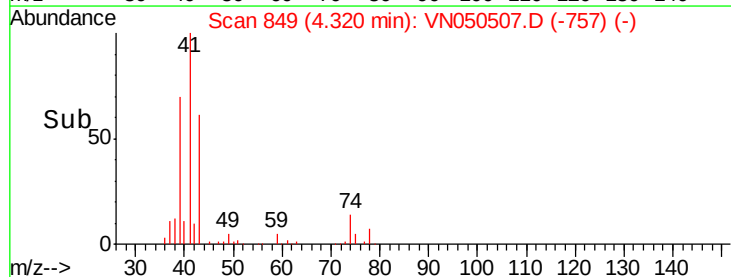
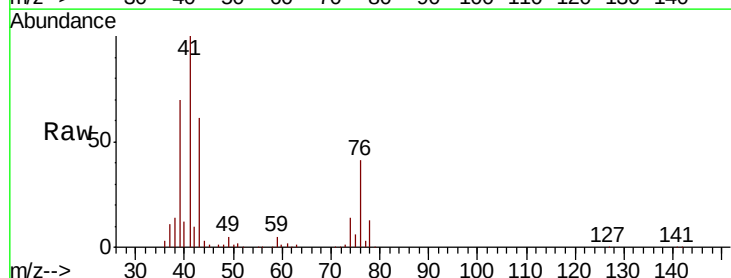
Tgt Ion: 41 Resp: 562563

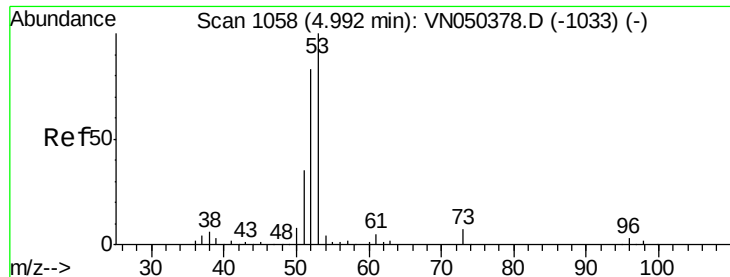
Ion Ratio Lower Upper

41 100

39 66.2 54.2 81.4

76 38.1 29.0 43.6





#15

Acrylonitrile

Concen: 213.35 ug/l

RT: 4.99 min Scan# 1056

Delta R.T. -0.01 min

Lab File: VN050507.D

Acq: 10 Aug 2018 10:36

Instrument :

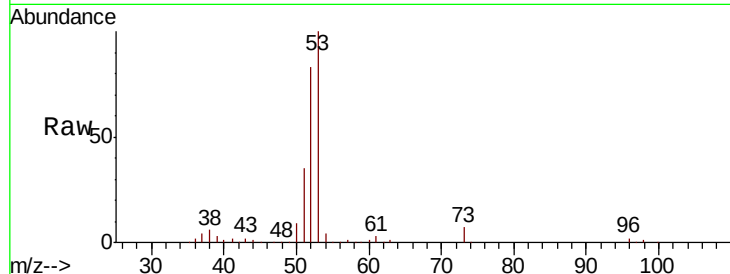
MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	676798
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.2	99.2
51	36.1	29.3	43.9

Manual Integrations
APPROVED

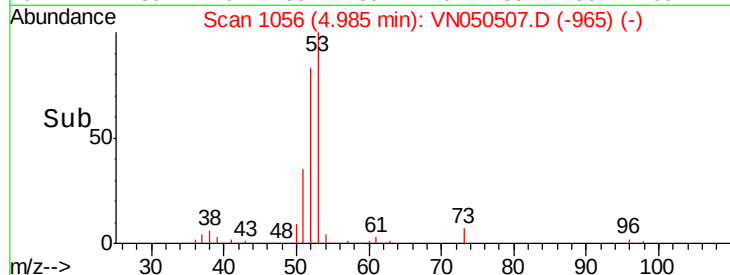
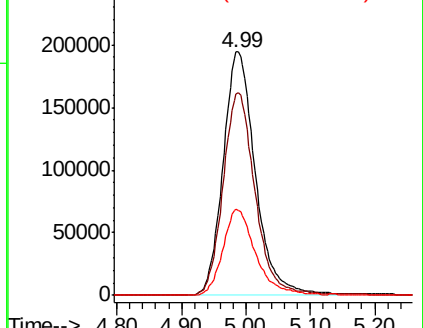


Abundance

Ion 53.00 (52.70 to 53.70): VN0

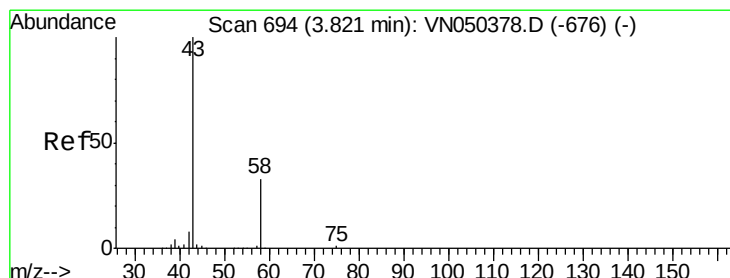
Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



MMDadoda

8/13/2018 11:05:27 AM



#16

Acetone

Concen: 211.74 ug/l

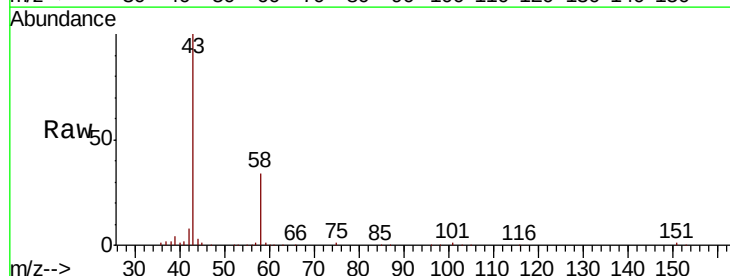
RT: 3.82 min Scan# 693

Delta R.T. -0.00 min

Lab File: VN050507.D

Acq: 10 Aug 2018 10:36

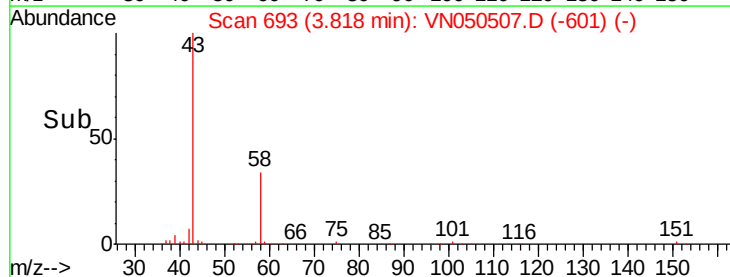
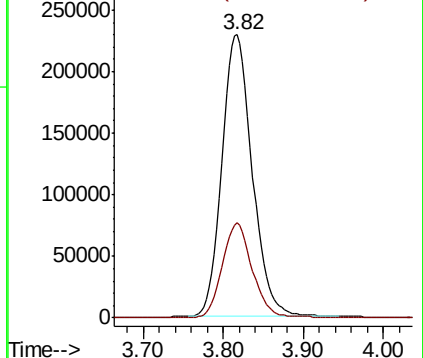
Tgt Ion:	43	Resp:	595444
Ion	Ratio	Lower	Upper
43	100		
58	33.5	25.8	38.8

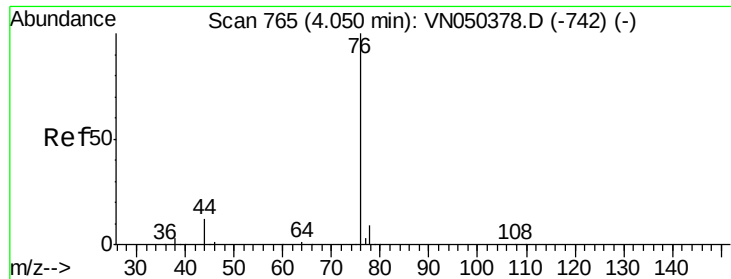


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



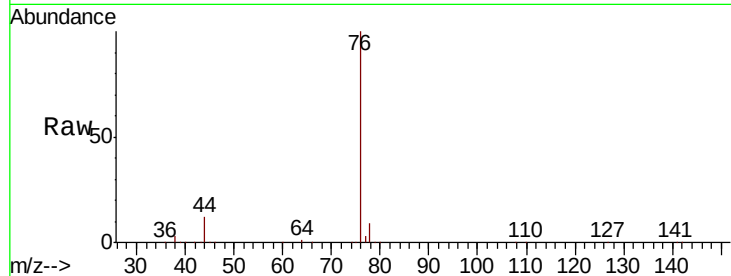


#17
Carbon Disulfide
Concen: 41.00 ug/l
RT: 4.05 min Scan# 765
Delta R.T. -0.00 min
Lab File: VN050507.D
Acq: 10 Aug 2018 10:36

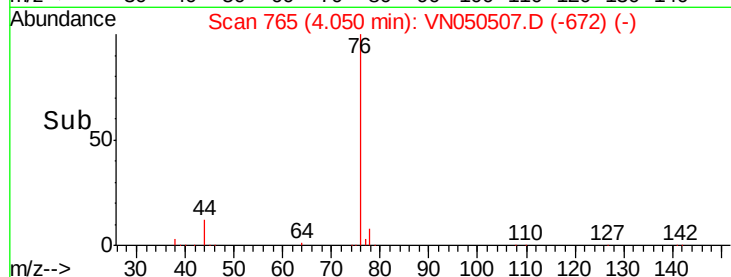
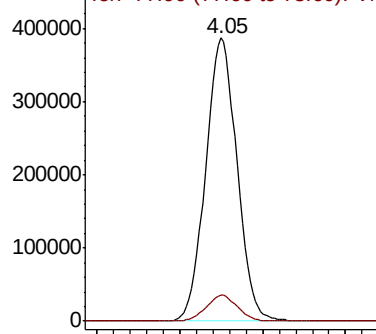
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 76 Resp: 1016993
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

Manual Integrations
APPROVED

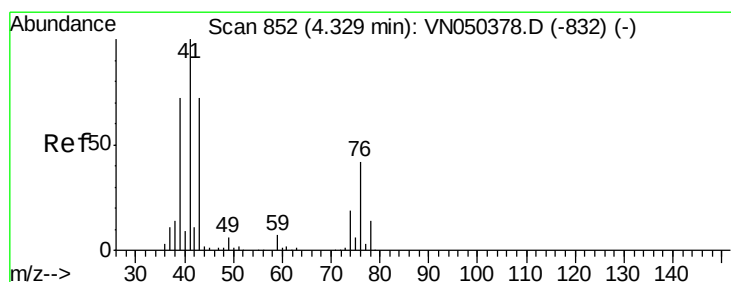


Abundance Ion 75.90 (75.60 to 76.60): VN0
Ion 77.90 (77.60 to 78.60): VN0



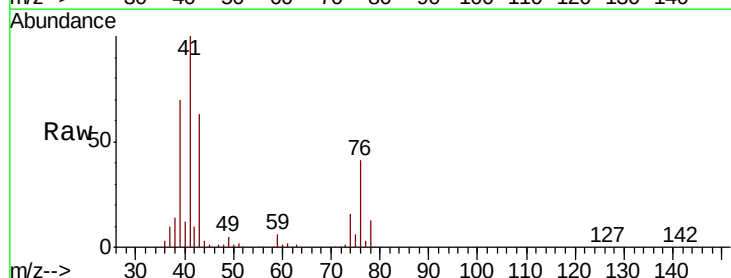
MMDadoda

8/13/2018 11:05:27 AM

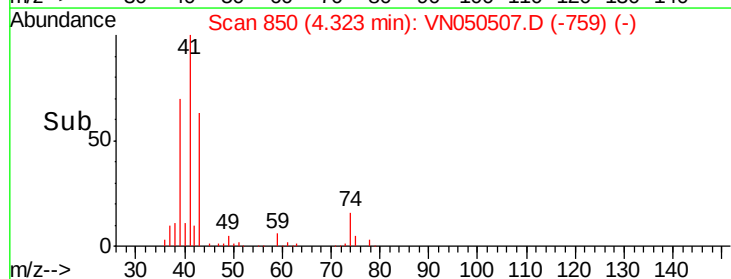
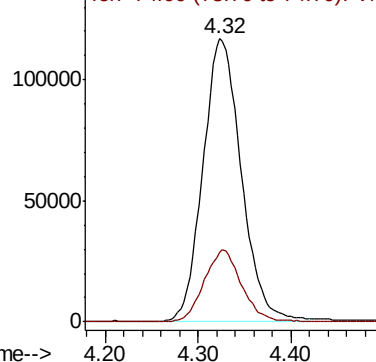


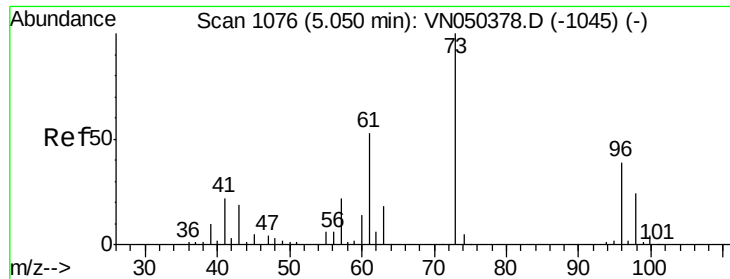
#18
Methyl Acetate
Concen: 45.70 ug/l
RT: 4.32 min Scan# 850
Delta R.T. -0.01 min
Lab File: VN050507.D
Acq: 10 Aug 2018 10:36

Tgt Ion: 43 Resp: 333956
Ion Ratio Lower Upper
43 100
74 25.1 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 74.00 (73.70 to 74.70): VN0



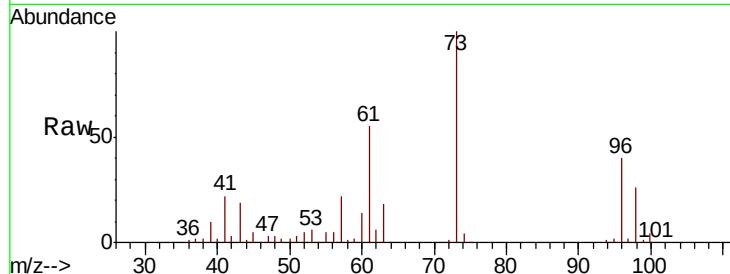


#19
Methvl tert-butvl Ether
Concen: 48.62 ug/l
RT: 5.05 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VN050507.D
Acq: 10 Aug 2018 10:36

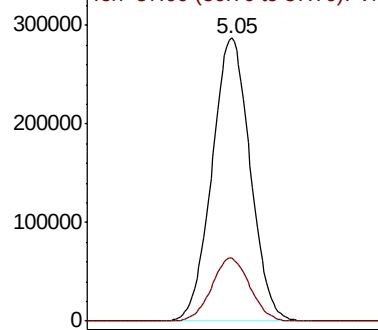
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 1052588
Ion Ratio Lower Upper
73 100
57 22.2 18.0 27.0

Manual Integrations
APPROVED

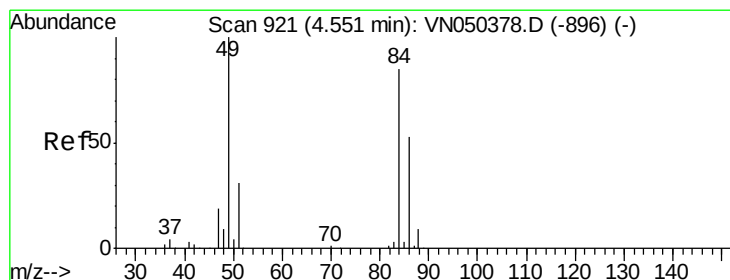
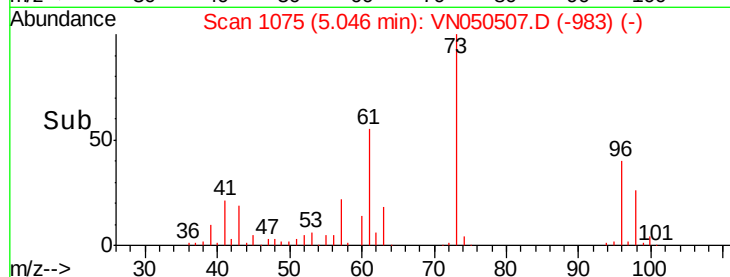


Abundance Ion 73.00 (72.70 to 73.70): VNO
Ion 57.00 (56.70 to 57.70): VNO



MMDadoda

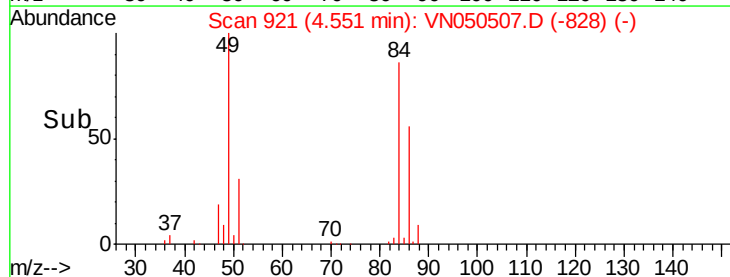
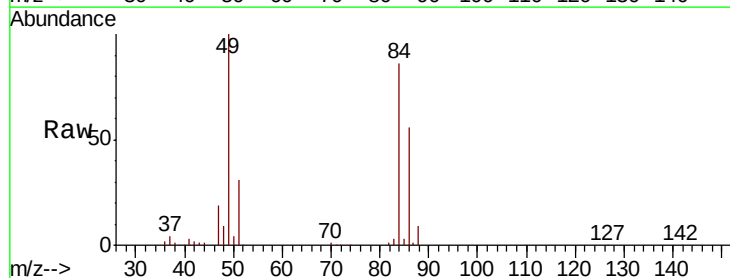
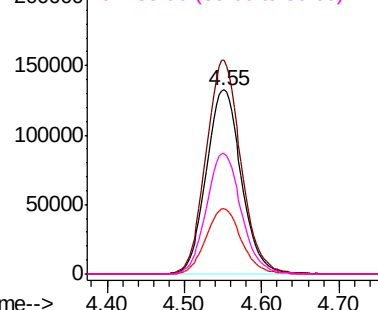
8/13/2018 11:05:27 AM

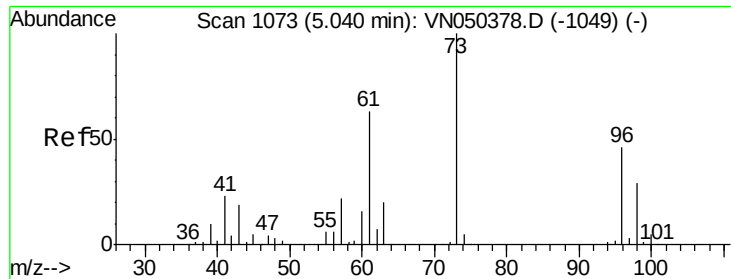


#20
Methylene Chloride
Concen: 48.55 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050507.D
Acq: 10 Aug 2018 10:36

Tgt Ion: 84 Resp: 417797
Ion Ratio Lower Upper
84 100
49 115.8 94.8 142.2
51 35.5 28.3 42.5
86 65.3 51.0 76.6

Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO





#21

trans-1,2-Dichloroethene

Concen: 46.65 ug/l

RT: 5.04 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VN050507.D

Acq: 10 Aug 2018 10:36

Instrument :

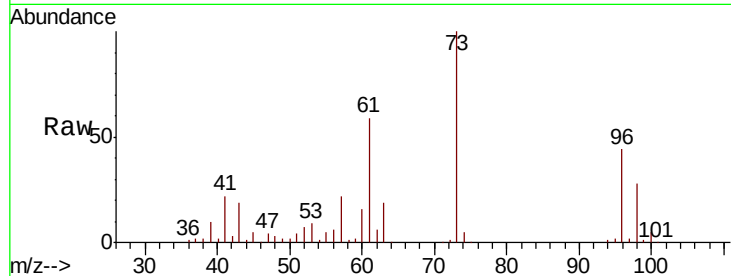
MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion:	96	Resp:	385073
Ion	Ratio	Lower	Upper
96	100		
61	136.0	110.7	166.1
98	63.5	51.6	77.4

Manual Integrations
APPROVED

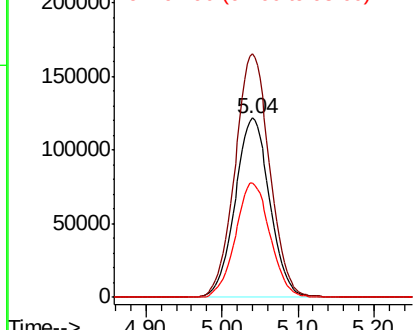


Abundance

Ion 95.90 (95.60 to 96.60): VNO

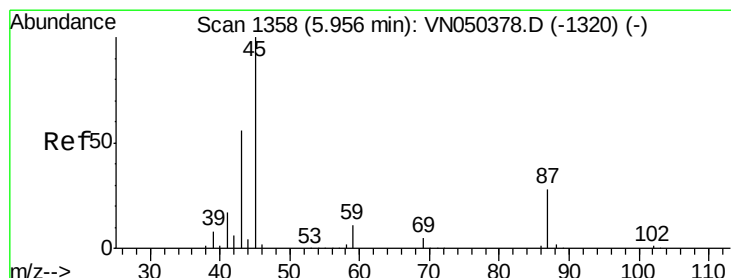
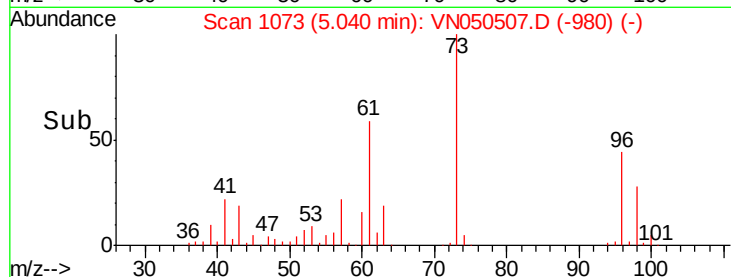
Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO



MMDadoda

8/13/2018 11:05:27 AM



#22

Diisopropyl ether

Concen: 50.29 ug/l

RT: 5.95 min Scan# 1356

Delta R.T. -0.01 min

Lab File: VN050507.D

Acq: 10 Aug 2018 10:36

Tgt Ion:	45	Resp:	1258568
Ion	Ratio	Lower	Upper
45	100		
43	58.8	45.7	68.5
87	28.9	22.7	34.1
59	12.2	9.5	14.3

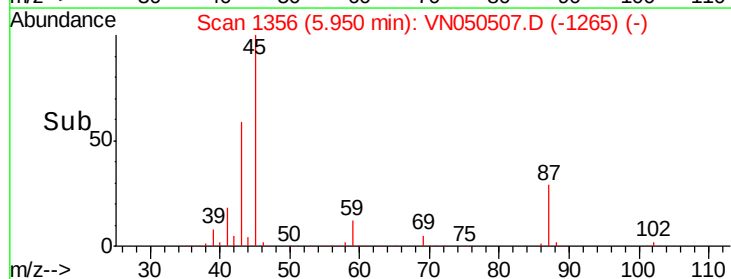
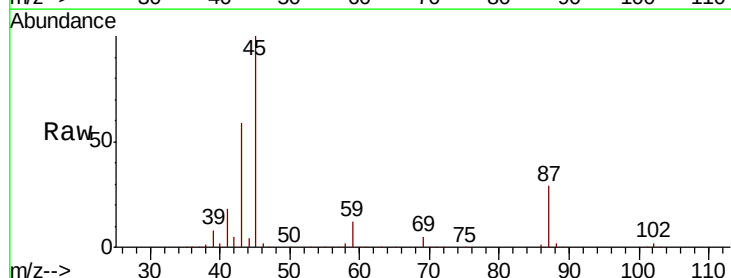
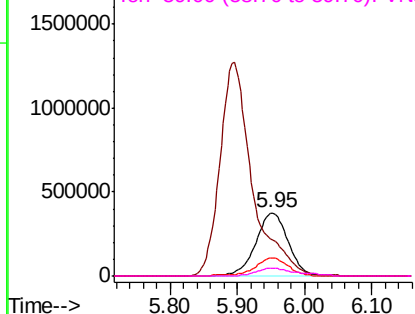
Abundance

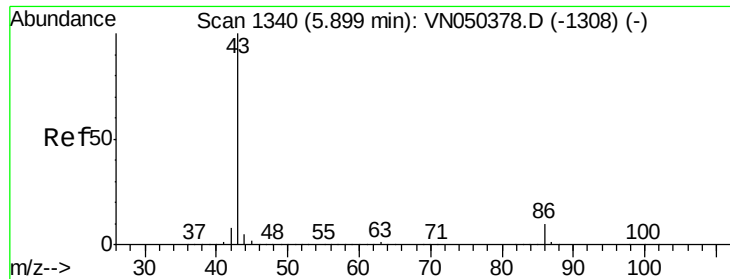
Ion 45.00 (44.70 to 45.70): VNO

Ion 43.00 (42.70 to 43.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

Ion 59.00 (58.70 to 59.70): VNO





#23

Vinyl Acetate

Concen: 239.72 ug/l

RT: 5.90 min Scan# 1339

Delta R.T. -0.00 min

Lab File: VN050507.D

Acq: 10 Aug 2018 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

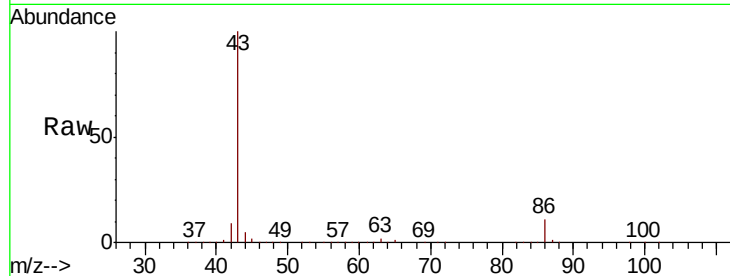
Tot Ion: 43 Resp: 4280275

Ion Ratio Lower Upper

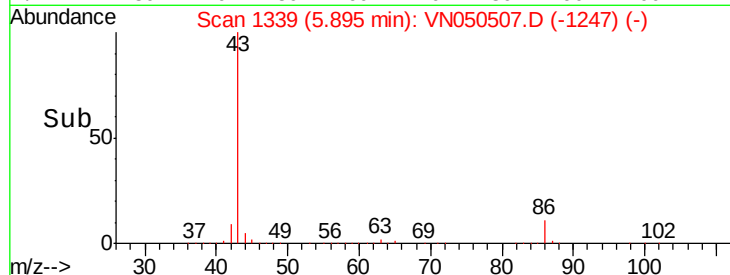
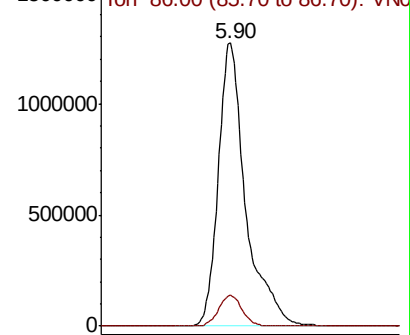
43 100

86 10.9 8.6 13.0

Manual Integrations
APPROVED

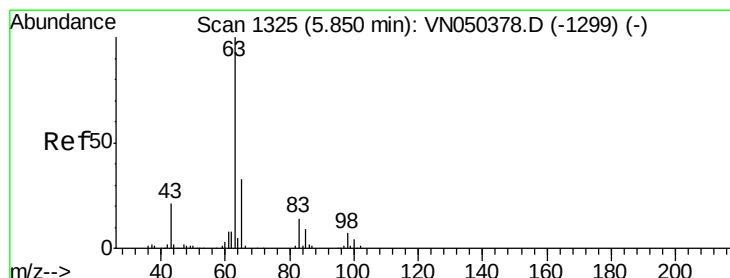


Abundance Ion 43.00 (42.70 to 43.70): VN050507.D (-1247) (-)



MMDadoda

8/13/2018 11:05:27 AM



#24

1,1-Dichloroethane

Concen: 47.63 ug/l

RT: 5.85 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VN050507.D

Acq: 10 Aug 2018 10:36

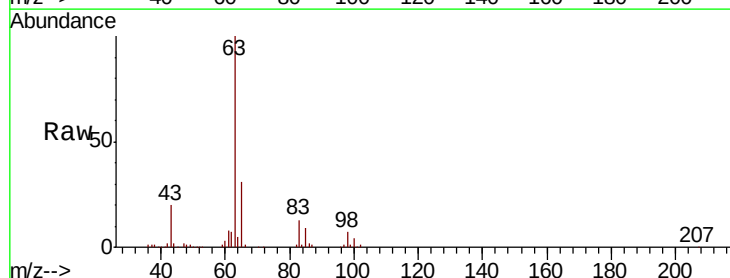
Tgt Ion: 63 Resp: 731439

Ion Ratio Lower Upper

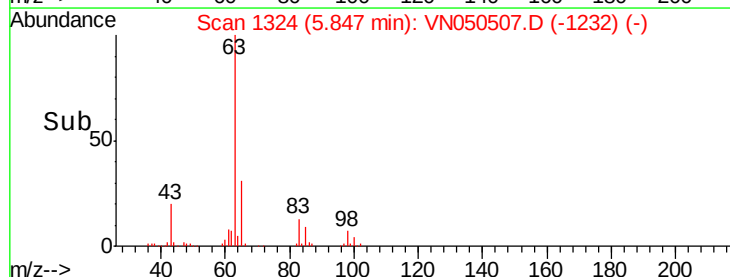
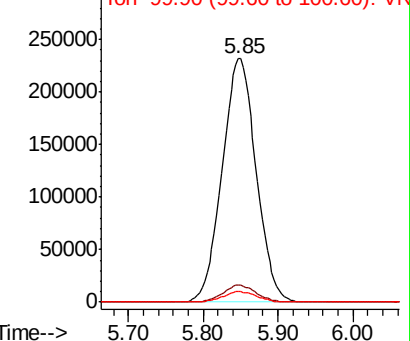
63 100

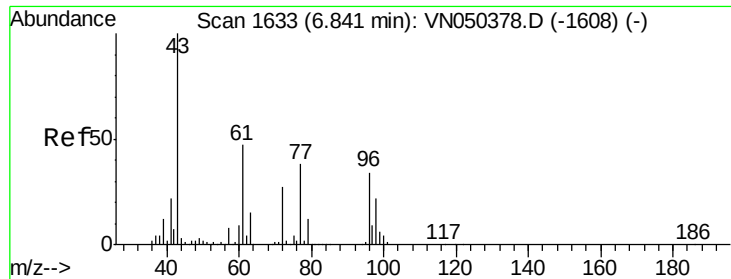
98 7.2 3.3 9.8

100 4.2 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VN050507.D (-1232) (-)



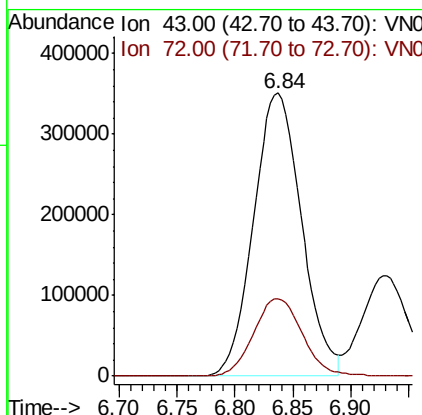
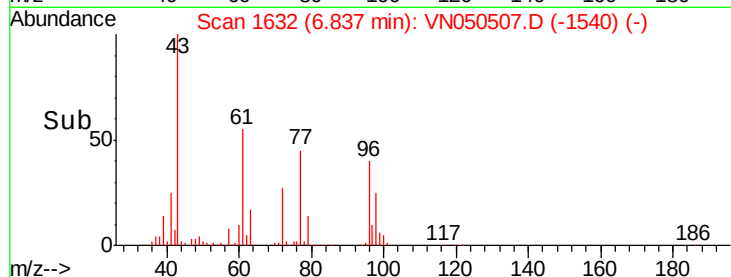
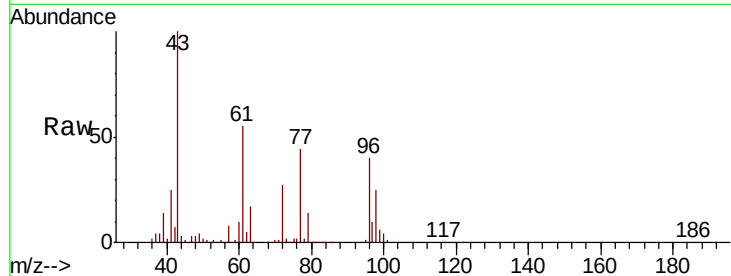


#25
2-Butanone
Concen: 215.69 ug/l
RT: 6.84 min Scan# 1632
Delta R.T. -0.00 min
Lab File: VN050507.D
Acq: 10 Aug 2018 10:36

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

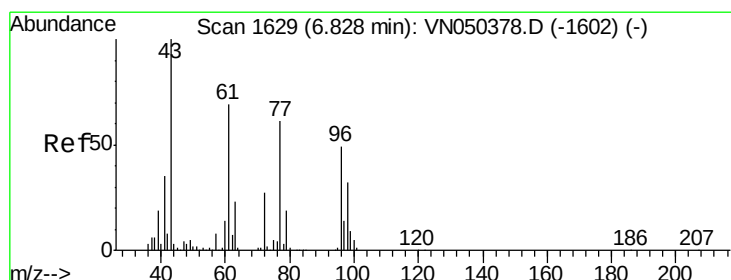
Tot Ion: 43 Resp: 1007618
Ion Ratio Lower Upper
43 100
72 27.4 21.5 32.3

Manual Integrations
APPROVED



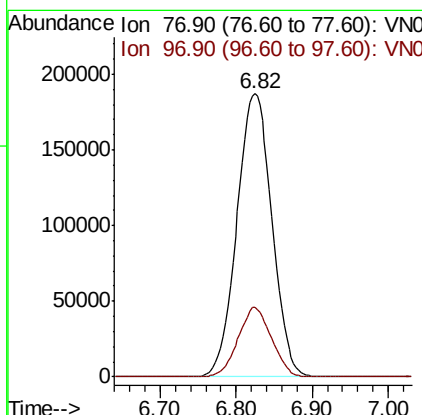
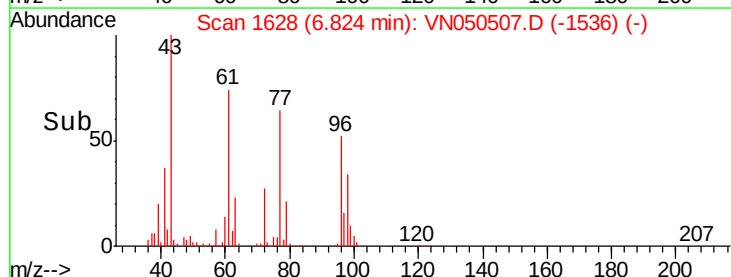
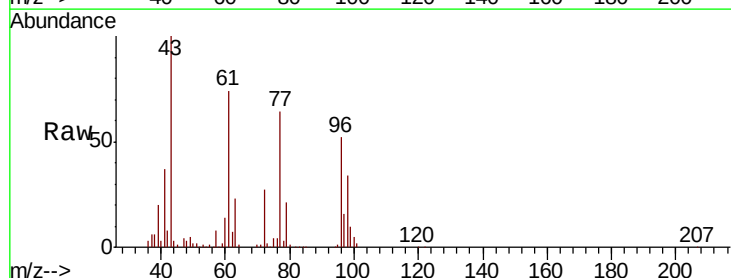
MMDadoda

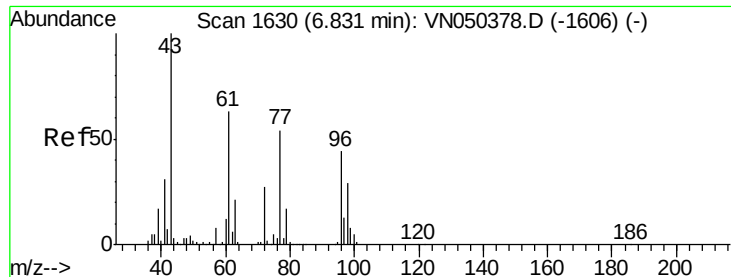
8/13/2018 11:05:27 AM



#26
2,2-Dichloropropane
Concen: 47.25 ug/l
RT: 6.82 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VN050507.D
Acq: 10 Aug 2018 10:36

Tgt Ion: 77 Resp: 598151
Ion Ratio Lower Upper
77 100
97 23.5 11.8 35.3



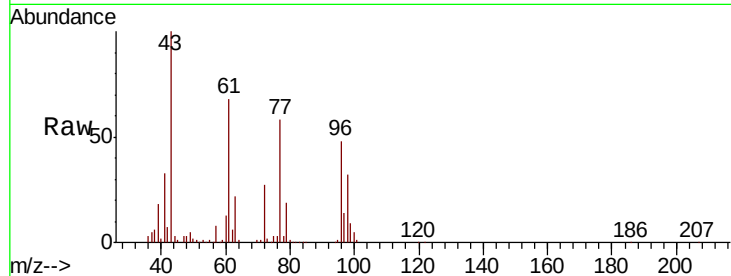


#27
 cis-1,2-Dichloroethene
 Concen: 48.85 ug/l
 RT: 6.83 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: VN050507.D
 Acq: 10 Aug 2018 10:36

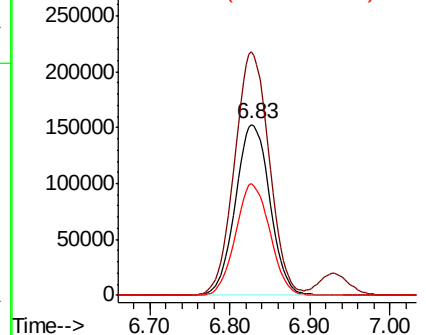
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	143.2	0.0	285.0	
98	65.0	0.0	129.2	

Manual Integrations
 APPROVED

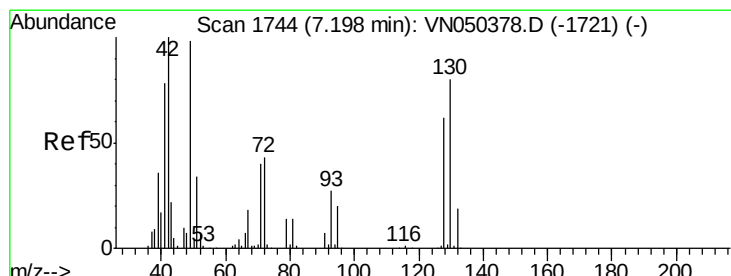
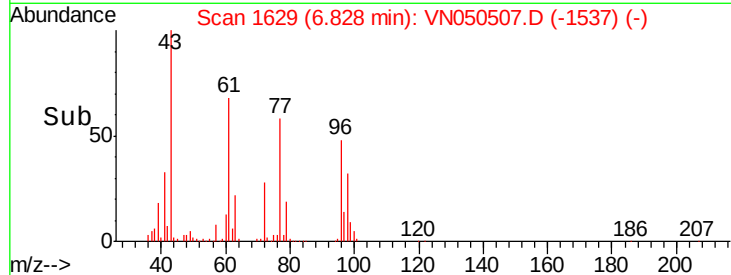


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0



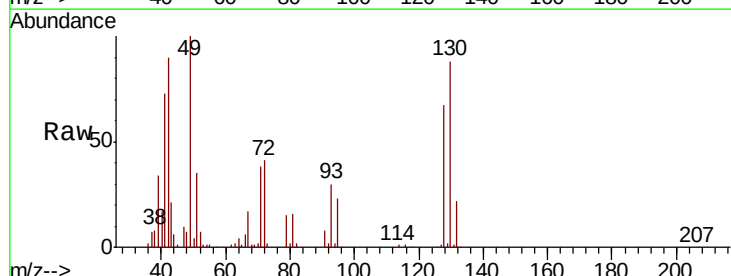
MMDadoda

8/13/2018 11:05:27 AM

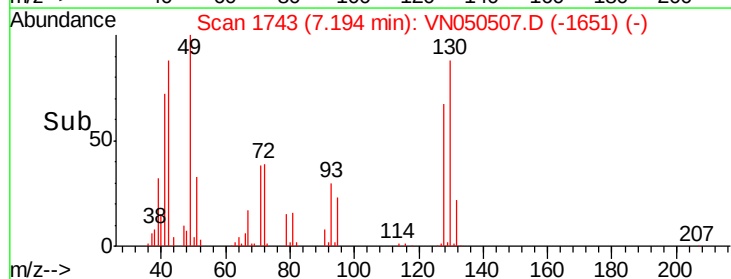
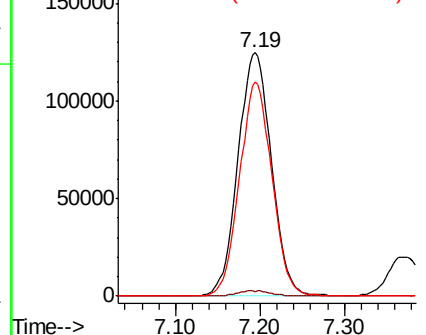


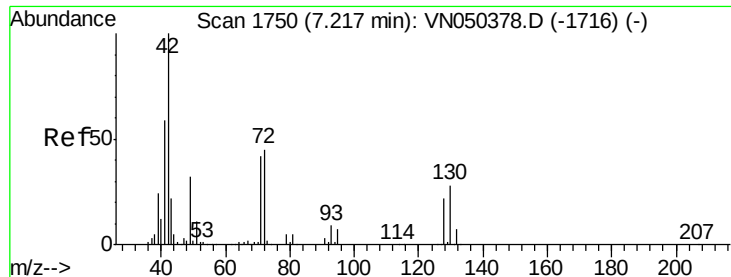
#28
 Bromochloromethane
 Concen: 48.64 ug/l
 RT: 7.19 min Scan# 1743
 Delta R.T. -0.00 min
 Lab File: VN050507.D
 Acq: 10 Aug 2018 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.1	0.0	4.0	
130	85.5	66.3	99.5	



Abundance Ion 48.90 (48.60 to 49.60): VN0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V



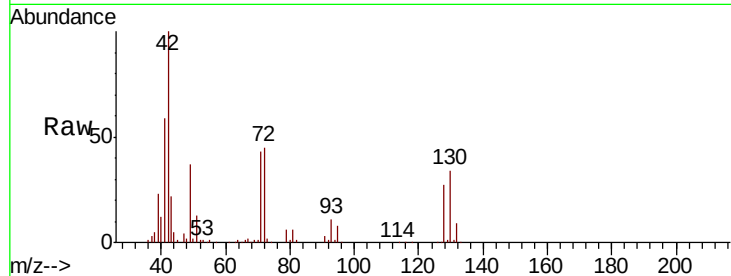


#29
Tetrahydrofuran
Concen: 201.71 ug/l
RT: 7.21 min Scan# 1749
Delta R.T. -0.00 min
Lab File: VN050507.D
Acq: 10 Aug 2018 10:36

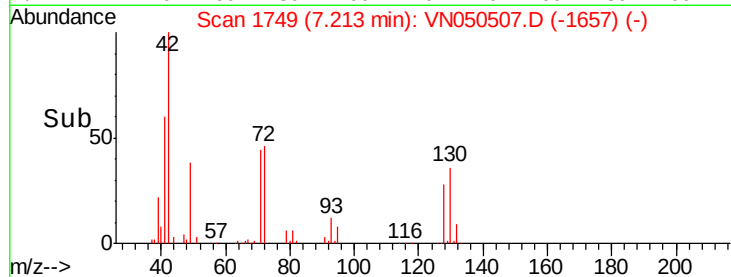
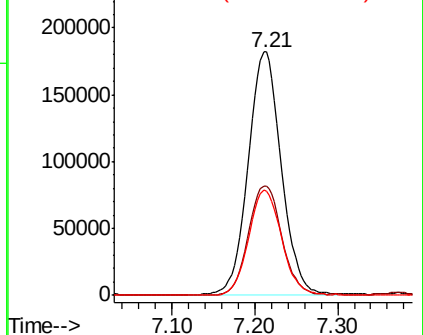
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.2	35.9	53.9
71	43.1	33.7	50.5

Manual Integrations
APPROVED

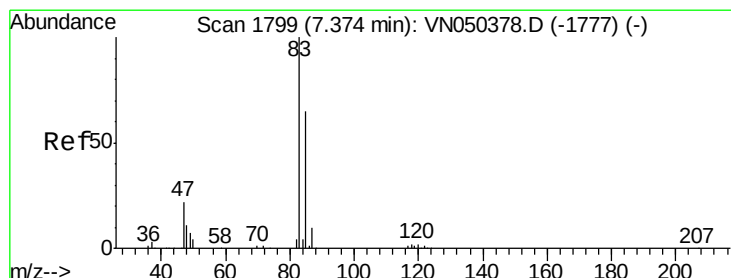


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0



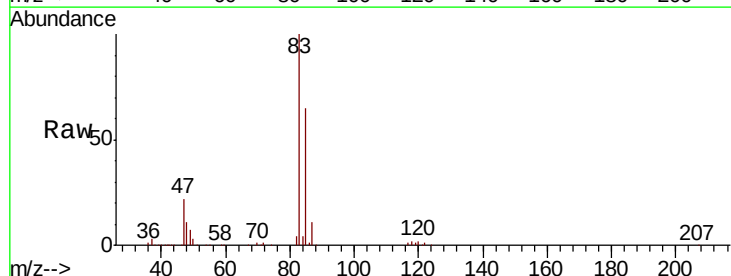
MMDadoda

8/13/2018 11:05:27 AM

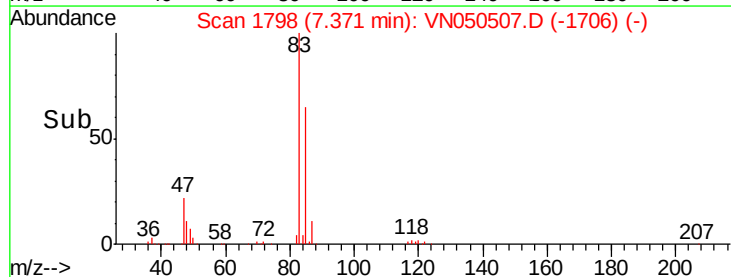
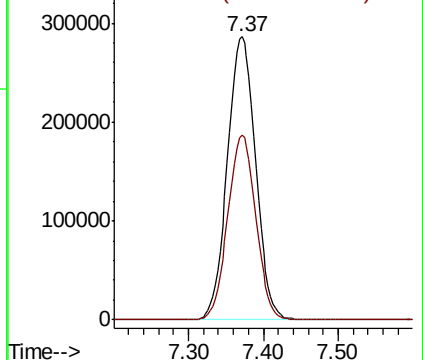


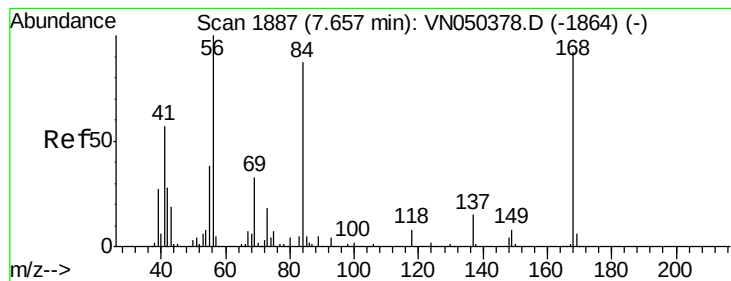
#30
Chloroform
Concen: 48.92 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN050507.D
Acq: 10 Aug 2018 10:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	52.5	78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 45.89 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VN050507.D

Acq: 10 Aug 2018 10:36

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 56 Resp: 620824

Ion Ratio Lower Upper

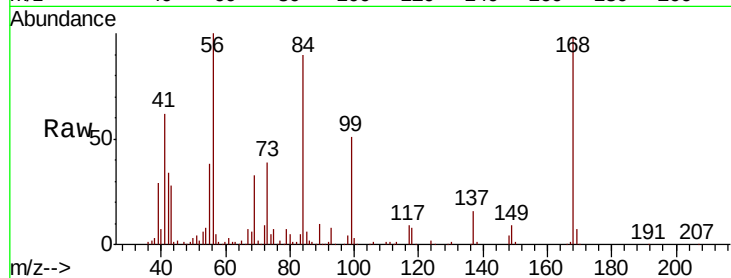
56 100

69 33.0 26.2 39.4

84 88.3 67.4 101.0

Manual Integrations

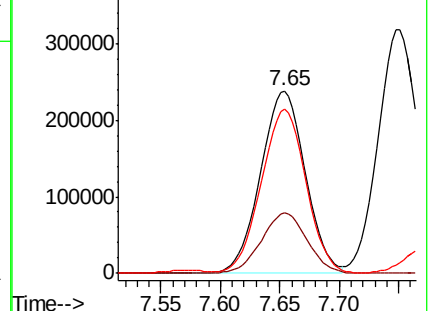
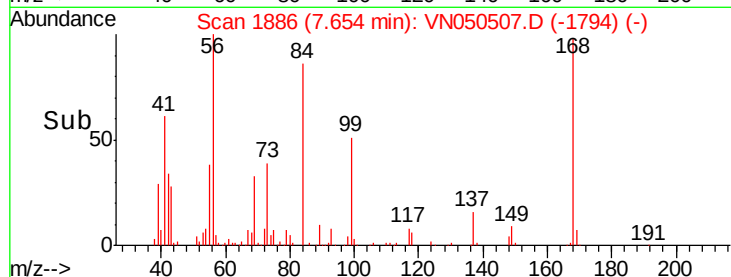
APPROVED



Abundance Ion 56.00 (55.70 to 56.70): VN0

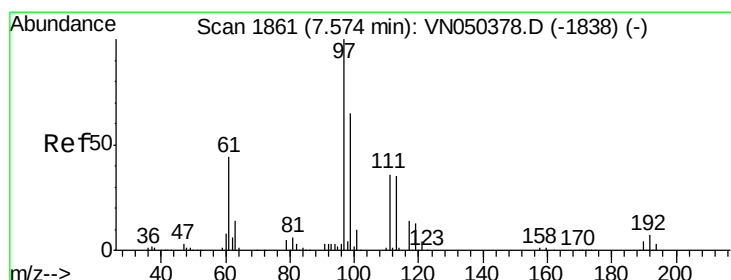
Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



MMDadoda

8/13/2018 11:05:27 AM



#32

1,1,1-Trichloroethane

Concen: 47.34 ug/l

RT: 7.57 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VN050507.D

Acq: 10 Aug 2018 10:36

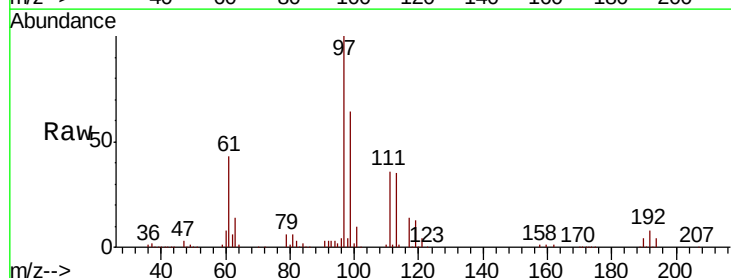
Tgt Ion: 97 Resp: 624039

Ion Ratio Lower Upper

97 100

99 65.0 51.4 77.0

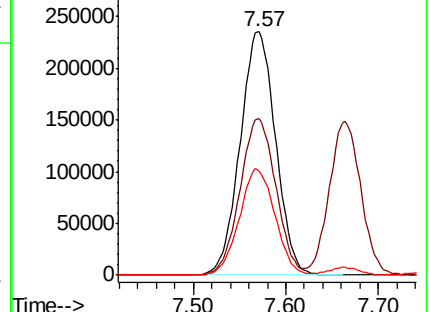
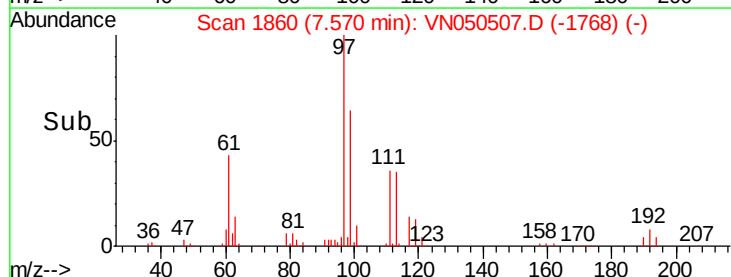
61 43.9 35.4 53.0

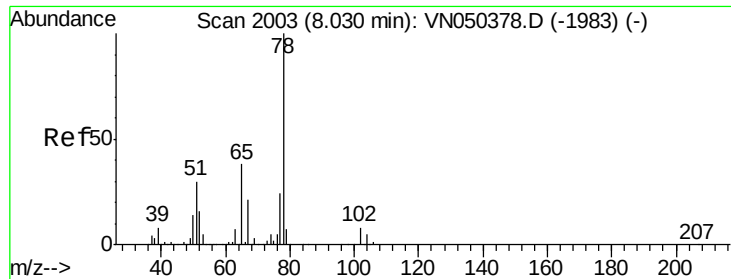


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0



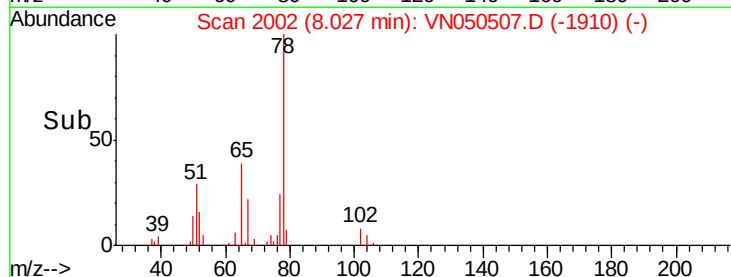
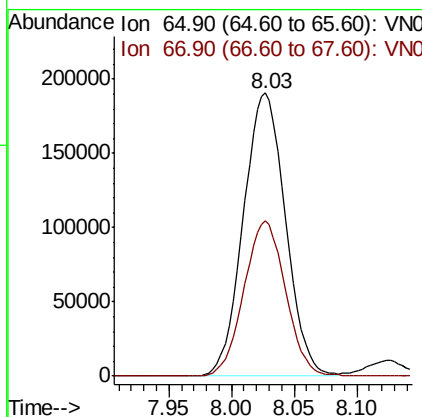
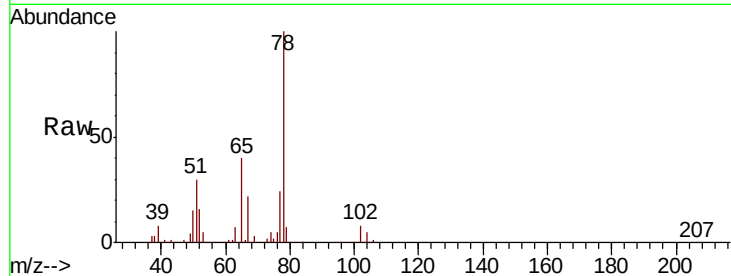


#33
 1,2-Dichloroethane-d4
 Concen: 47.32 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: VN050507.D
 Acq: 10 Aug 2018 10:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

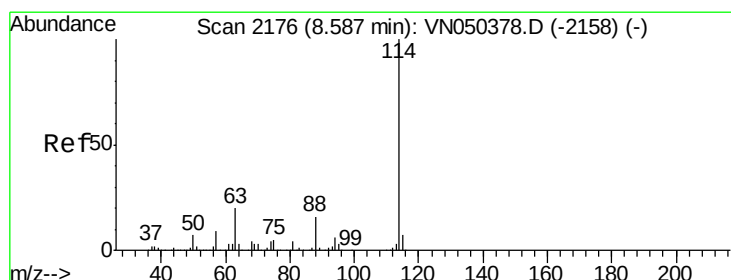
Tot Ion	Ratio	Resp	Lower	Upper
65	100	446123		
67	54.2	0.0	108.4	

Manual Integrations
 APPROVED



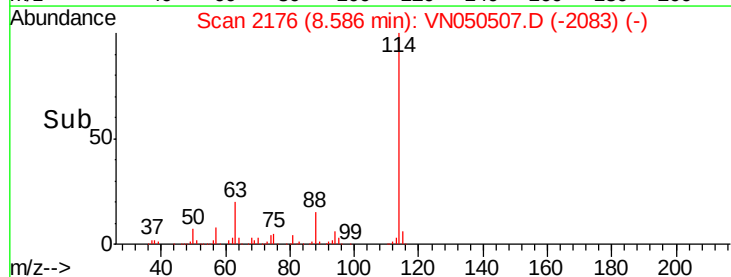
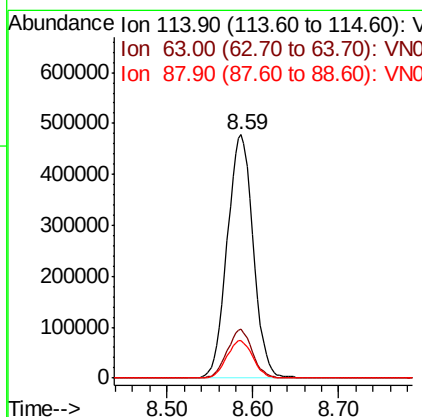
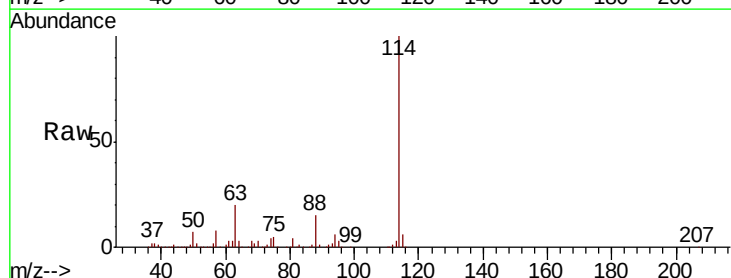
MMDadoda

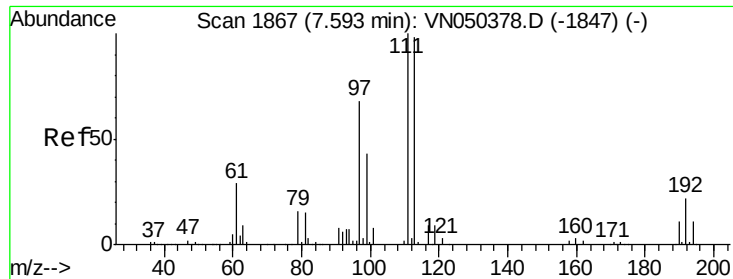
8/13/2018 11:05:27 AM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050507.D
 Acq: 10 Aug 2018 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1000018		
63	19.9	0.0	40.0	
88	15.5	0.0	31.2	



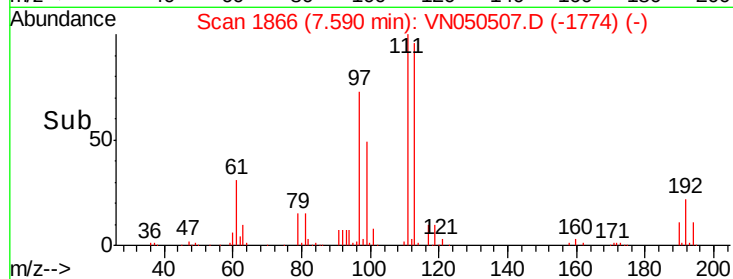
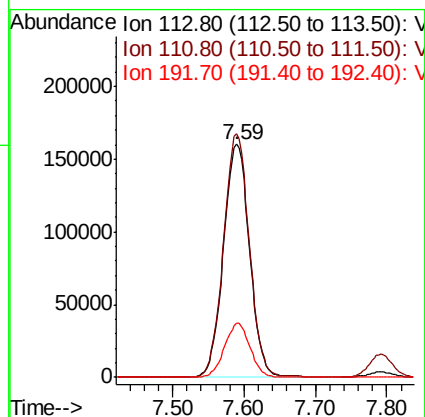
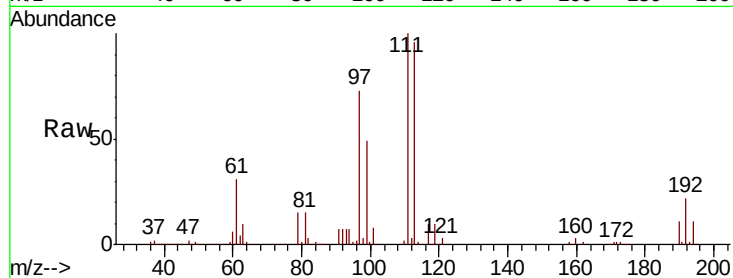


#35
Dibromofluoromethane
Concen: 50.82 ug/l
RT: 7.59 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN050507.D
Acq: 10 Aug 2018 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

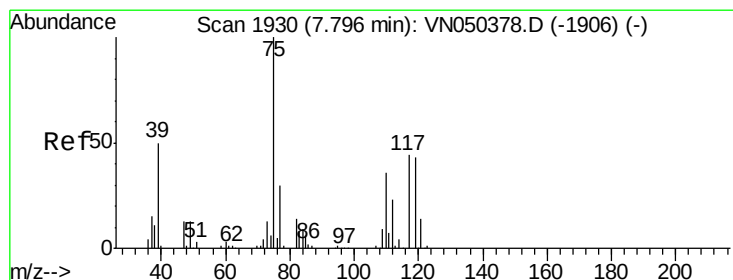
Tot Ion	Ratio	Resp	Lower	Upper
113	100	407792		
111	102.9	80.7	121.1	
192	22.7	17.8	26.6	

Manual Integrations
APPROVED



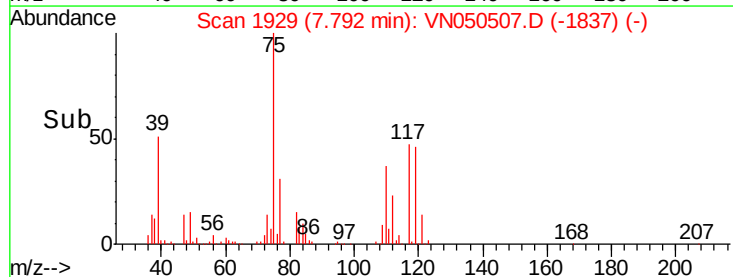
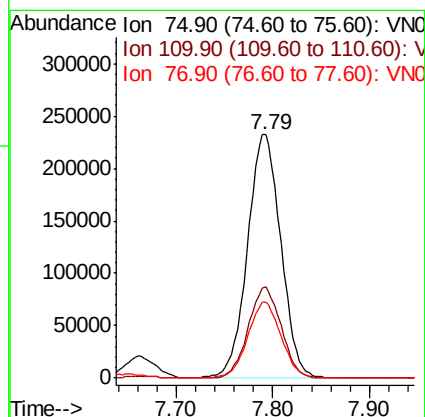
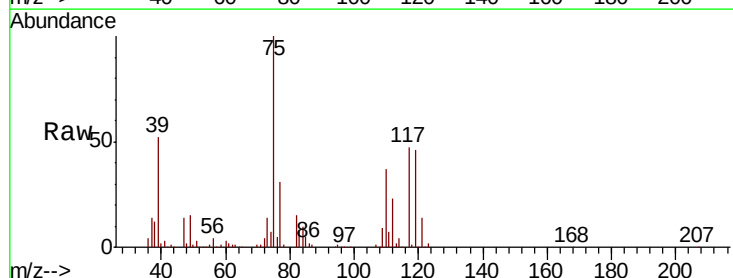
MMDadoda

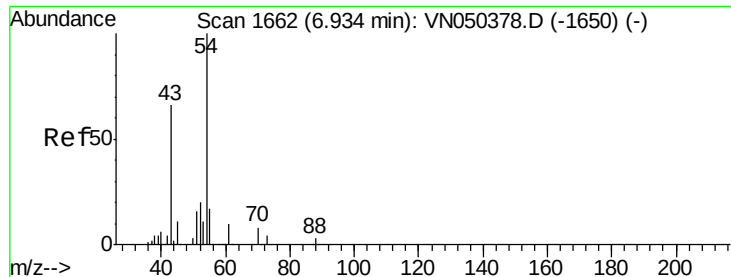
8/13/2018 11:05:27 AM



#36
1,1-Dichloropropene
Concen: 50.41 ug/l
RT: 7.79 min Scan# 1929
Delta R.T. -0.00 min
Lab File: VN050507.D
Acq: 10 Aug 2018 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	553930		
110	37.0	18.4	55.2	
77	31.5	25.3	37.9	



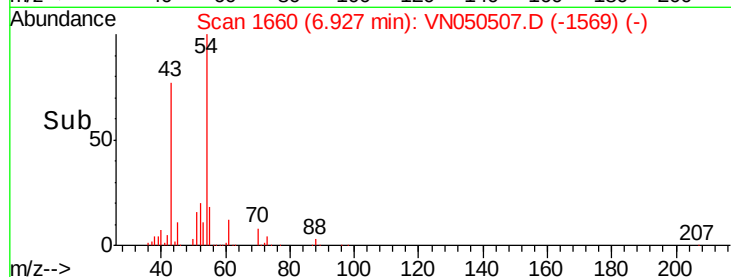
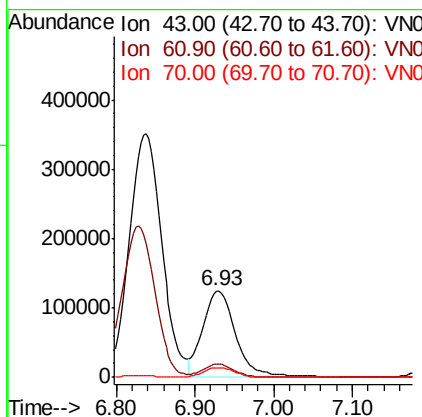
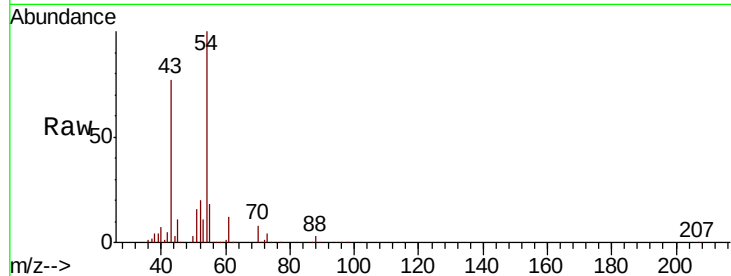


#37
Ethyl Acetate
Concen: 45.19 ug/l
RT: 6.93 min Scan# 1660
Delta R.T. -0.01 min
Lab File: VN050507.D
Acq: 10 Aug 2018 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

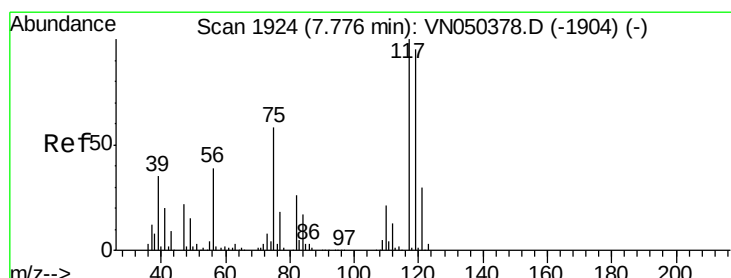
Tot Ion:	43	Resp:	357583
Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.8	17.8
70	10.9	8.4	12.6

Manual Integrations
APPROVED



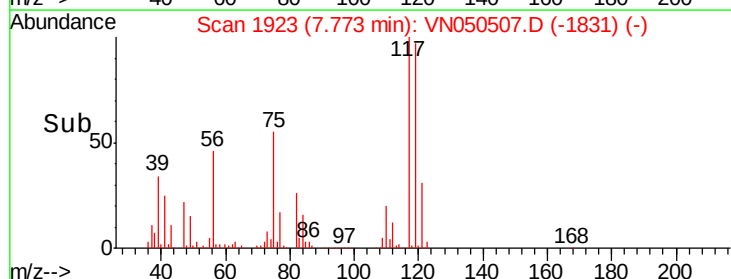
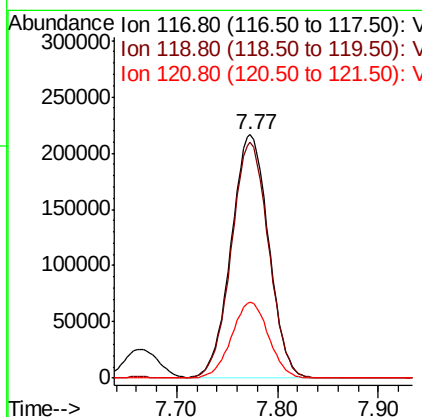
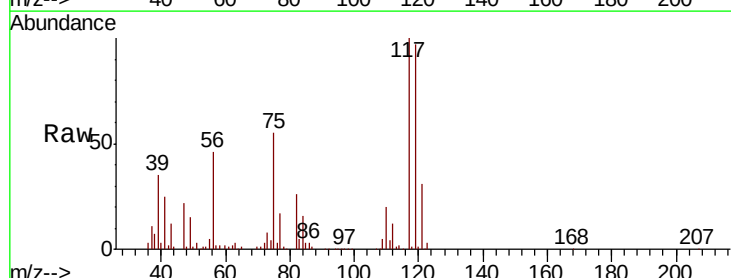
MMDadoda

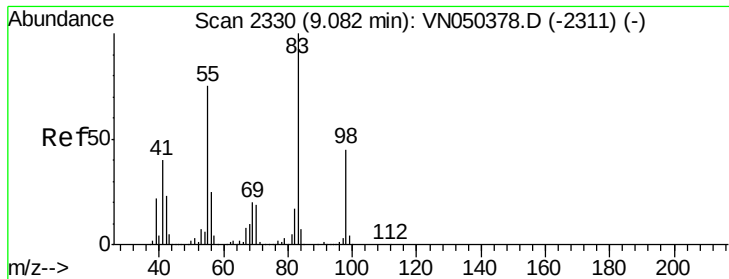
8/13/2018 11:05:27 AM



#38
Carbon Tetrachloride
Concen: 48.70 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VN050507.D
Acq: 10 Aug 2018 10:36

Tgt Ion:	117	Resp:	558237
Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.4	116.0
121	31.4	23.9	35.9



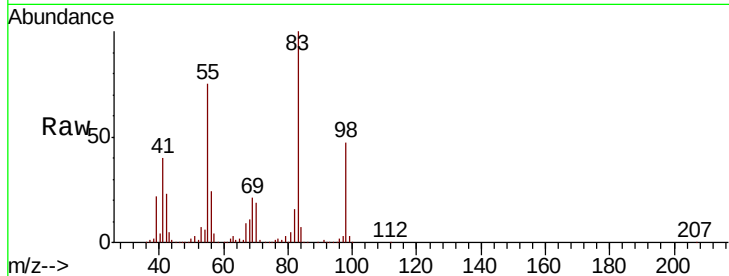


#39
Methylvlcyclohexane
Concen: 49.73 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VN050507.D
Acq: 10 Aug 2018 10:36

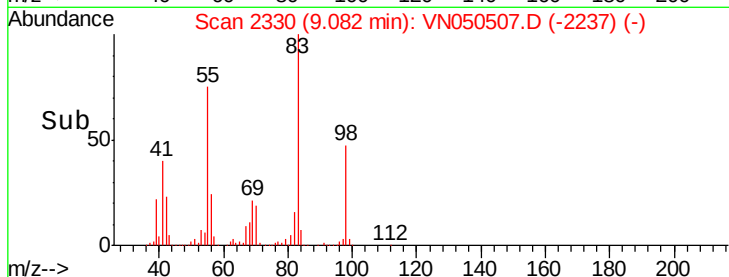
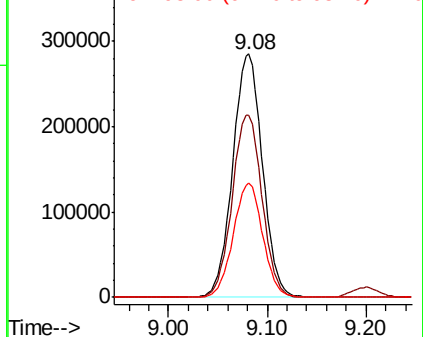
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.0	61.8	92.8
98	47.2	36.5	54.7

Manual Integrations
APPROVED

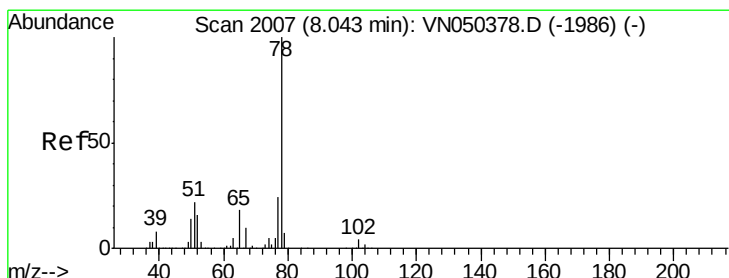


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0



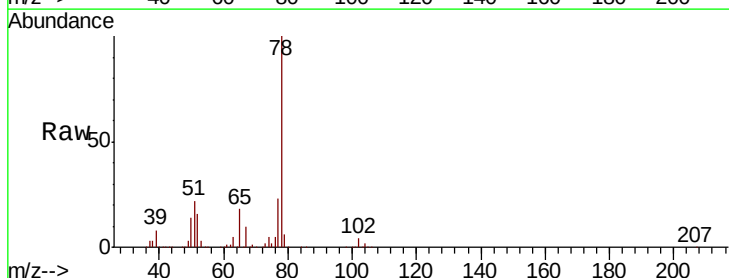
MMDadoda

8/13/2018 11:05:27 AM

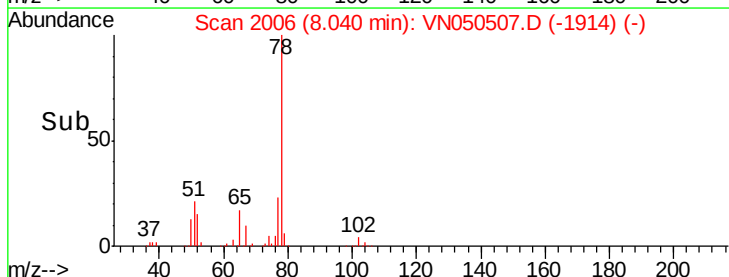
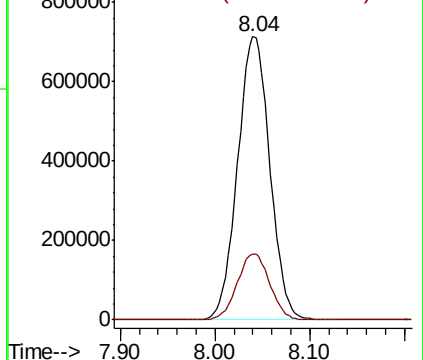


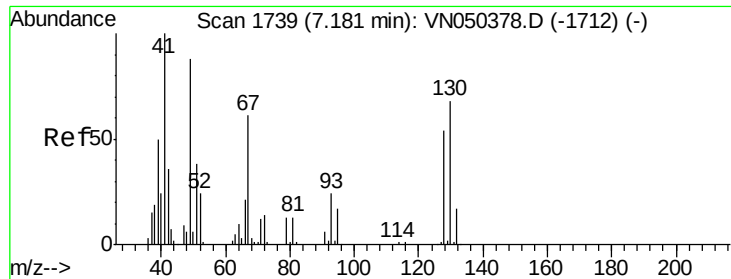
#40
Benzene
Concen: 50.02 ug/l
RT: 8.04 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VN050507.D
Acq: 10 Aug 2018 10:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.7	28.1



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0



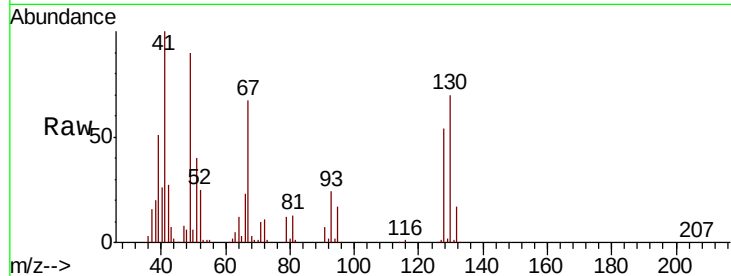


#41
Methacrylonitrile
Concen: 42.58 ug/l
RT: 7.17 min Scan# 1737
Delta R.T. -0.01 min
Lab File: VN050507.D
Acq: 10 Aug 2018 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.7	55.8	83.6
67	89.9	84.3	126.5
52	35.6	34.2	51.2

Manual Integrations
APPROVED



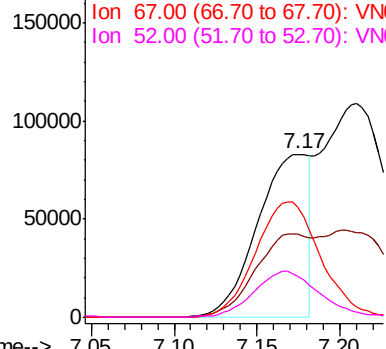
Abundance

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

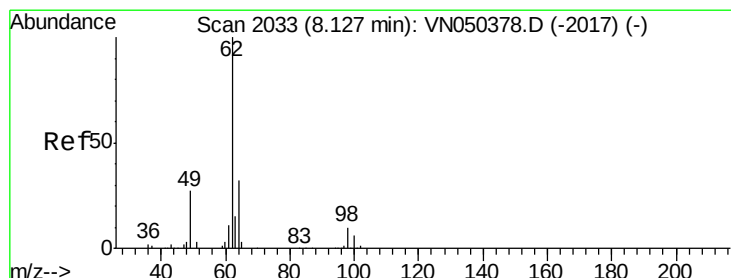
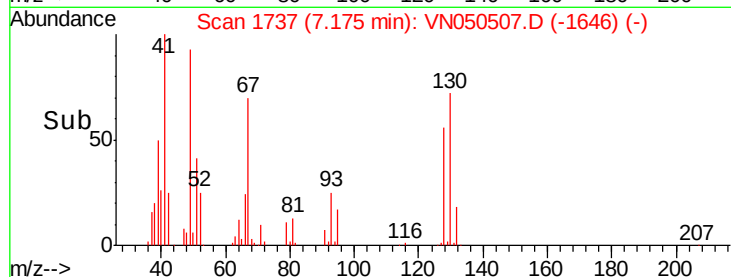
Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO



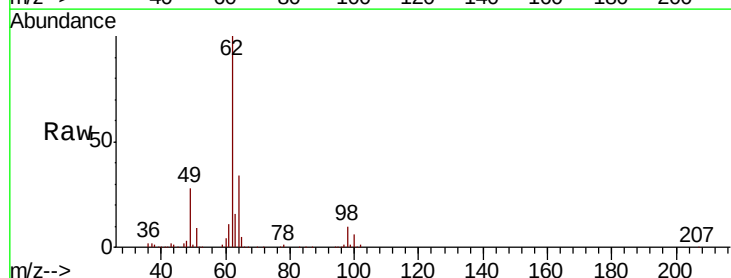
MMDadoda

8/13/2018 11:05:27 AM



#42
1,2-Dichloroethane
Concen: 50.44 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. -0.00 min
Lab File: VN050507.D
Acq: 10 Aug 2018 10:36

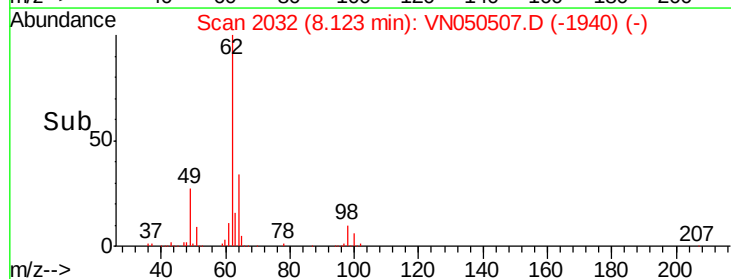
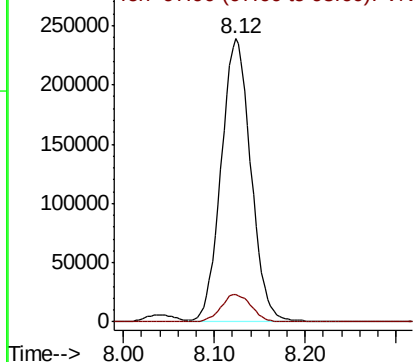
Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	18.8

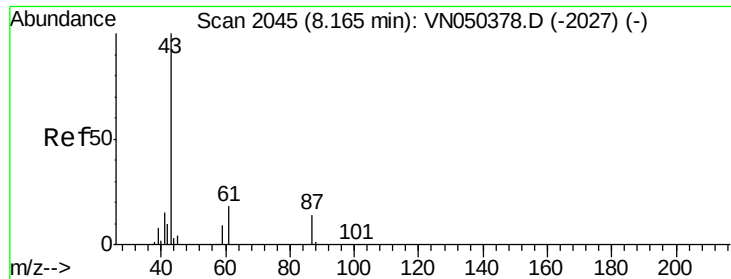


Abundance

Ion 61.90 (61.60 to 62.60): VNO

Ion 97.90 (97.60 to 98.60): VNO



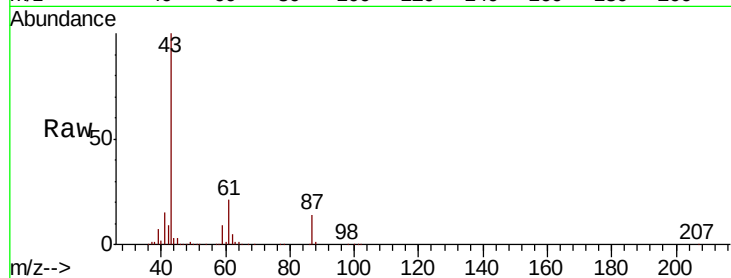


#43
Isopropyl Acetate
Concen: 45.62 ug/l
RT: 8.16 min Scan# 2044
Delta R.T. -0.00 min
Lab File: VN050507.D
Acq: 10 Aug 2018 10:36

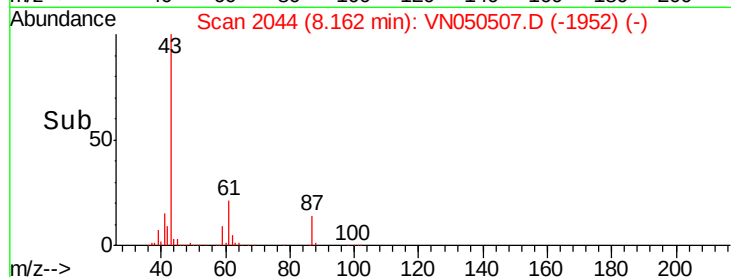
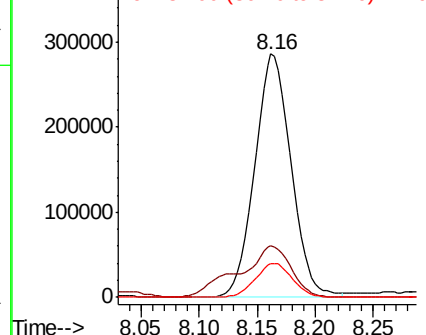
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.1	15.8	23.6#
87	14.2	10.3	15.5

Manual Integrations
APPROVED

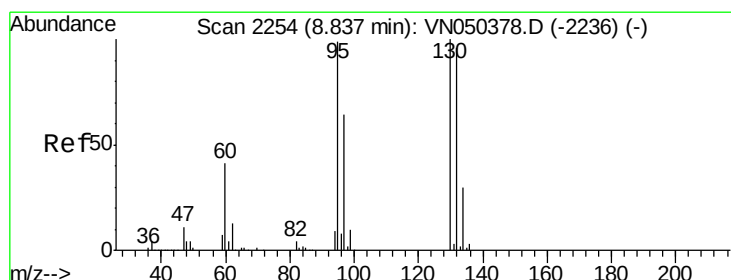


Abundance Ion 43.00 (42.70 to 43.70): VN050378.D (-2027) (-)
Ion 61.00 (60.70 to 61.70): VN050378.D (-2027) (-)
Ion 87.00 (86.70 to 87.70): VN050378.D (-2027) (-)



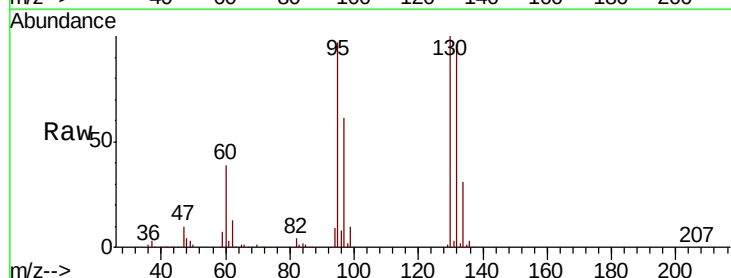
MMDadoda

8/13/2018 11:05:27 AM

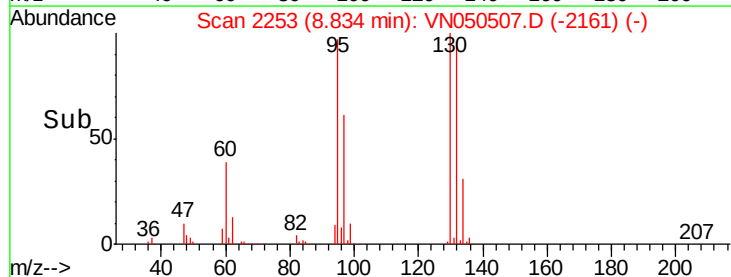
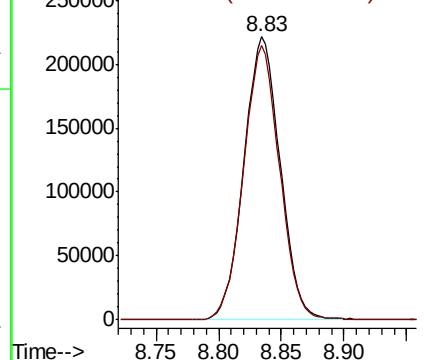


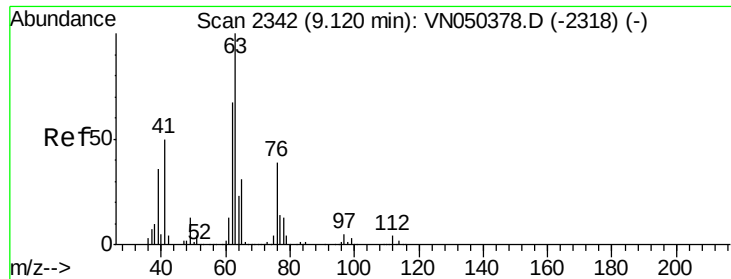
#44
Trichloroethene
Concen: 49.13 ug/l
RT: 8.83 min Scan# 2253
Delta R.T. -0.00 min
Lab File: VN050507.D
Acq: 10 Aug 2018 10:36

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.0	0.0	194.6



Abundance Ion 129.80 (129.50 to 130.50): VN050378.D (-2236) (-)
Ion 94.90 (94.60 to 95.60): VN050378.D (-2236) (-)



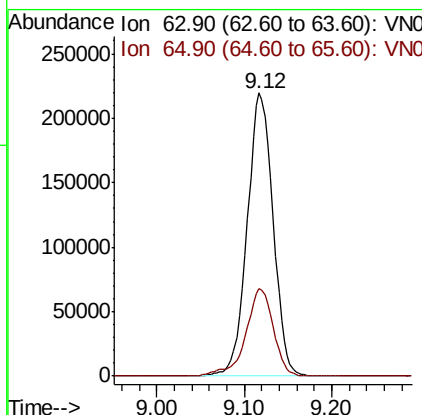
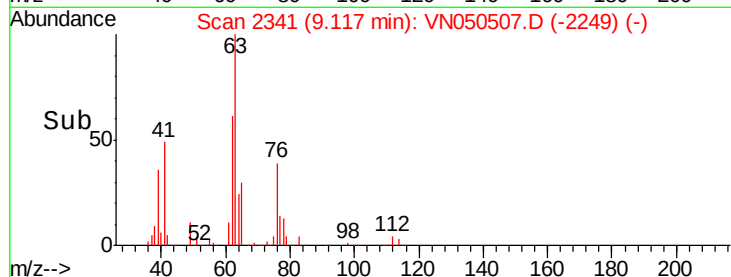
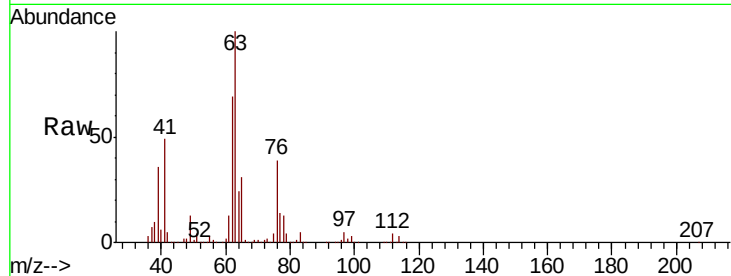


#45
 1,2-Dichloropropane
 Concen: 50.80 ug/l
 RT: 9.12 min Scan# 2341
 Delta R.T. -0.00 min
 Lab File: VN050507.D
 Acq: 10 Aug 2018 10:36

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

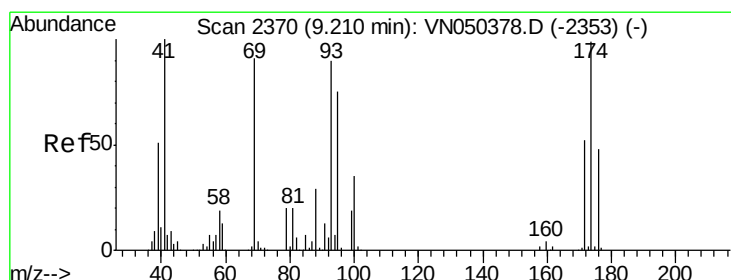
Tot Ion: 63 Resp: 451149
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.5 38.3

Manual Integrations
 APPROVED



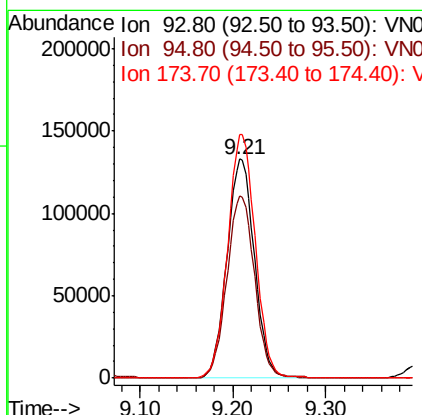
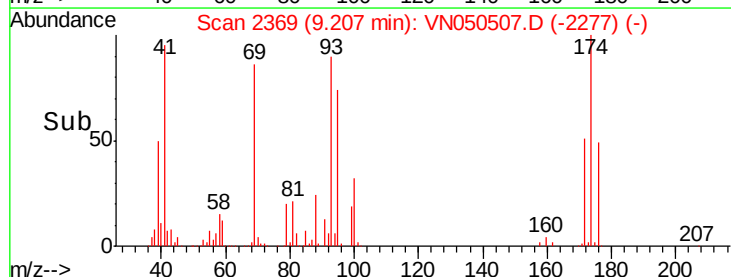
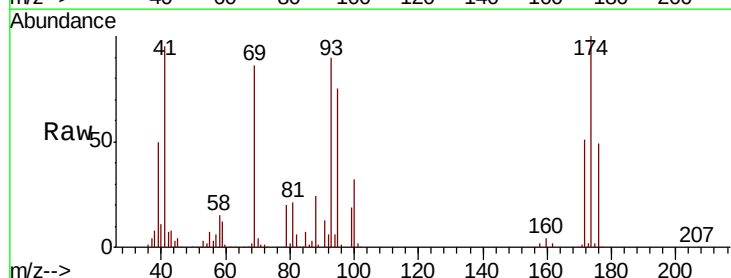
MMDadoda

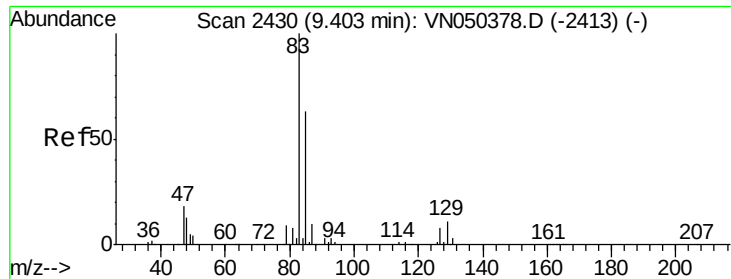
8/13/2018 11:05:27 AM



#46
 Dibromomethane
 Concen: 49.99 ug/l
 RT: 9.21 min Scan# 2369
 Delta R.T. -0.00 min
 Lab File: VN050507.D
 Acq: 10 Aug 2018 10:36

Tgt Ion: 93 Resp: 274151
 Ion Ratio Lower Upper
 93 100
 95 83.7 66.6 100.0
 174 111.6 87.1 130.7



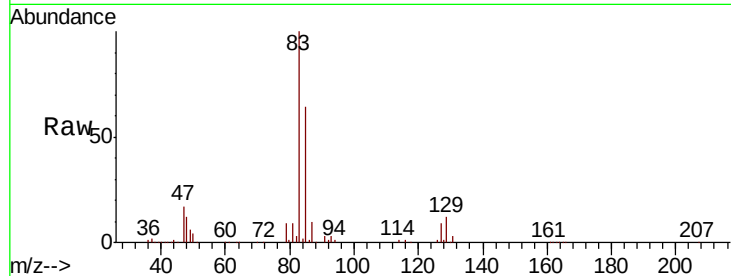


#47
Bromodichloromethane
Concen: 51.43 ug/l
RT: 9.40 min Scan# 2430
Delta R.T. -0.00 min
Lab File: VN050507.D
Acq: 10 Aug 2018 10:36

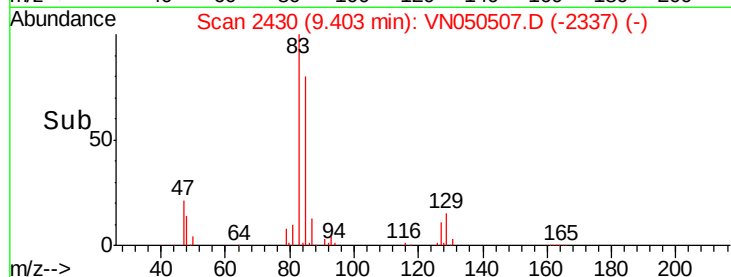
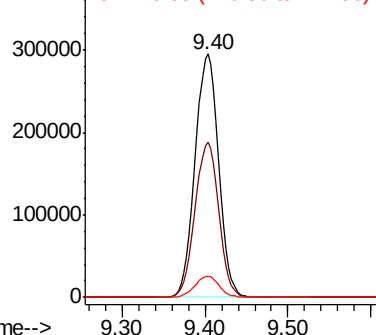
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	63.7	51.1	76.7	
127	8.8	7.0	10.4	

Manual Integrations
APPROVED

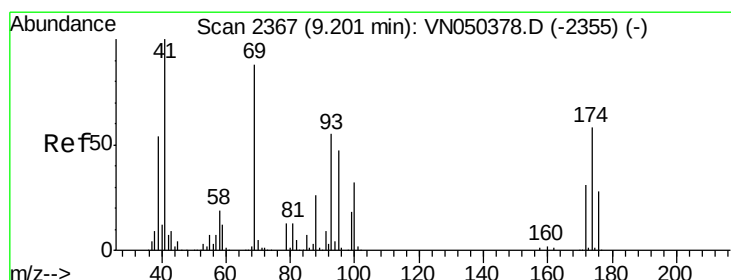


Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO



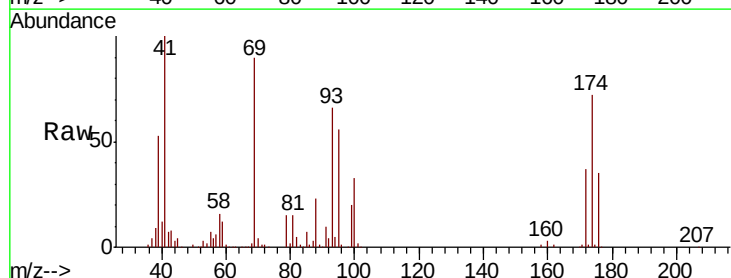
MMDadoda

8/13/2018 11:05:27 AM

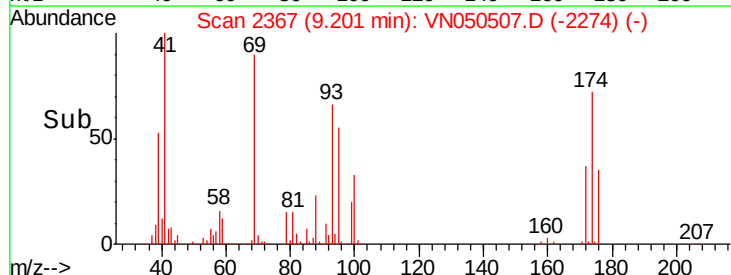
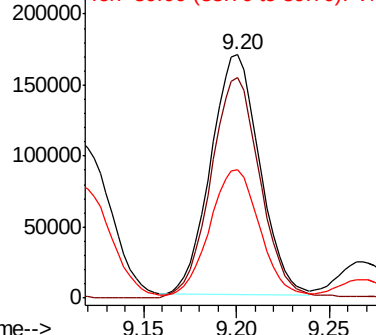


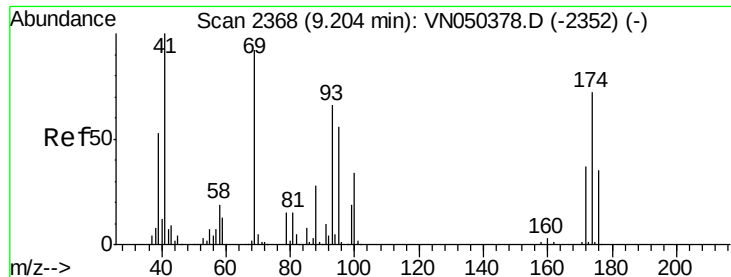
#48
Methyl methacrylate
Concen: 45.15 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN050507.D
Acq: 10 Aug 2018 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	93.8	70.6	105.8	
39	55.4	43.9	65.9	



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO



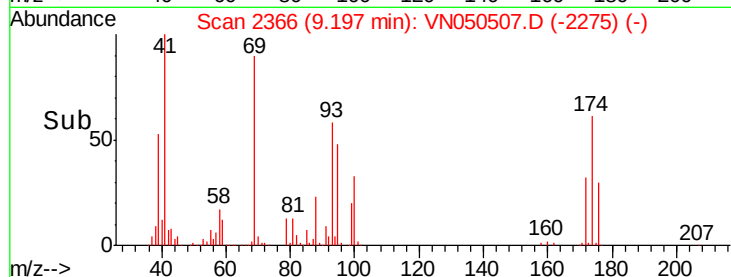
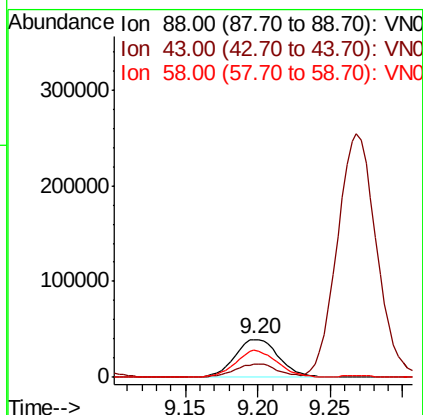
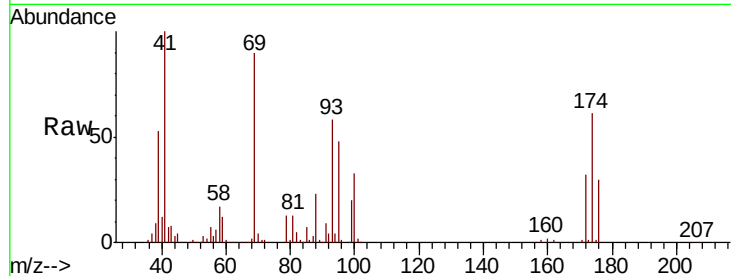


#49
1,4-Dioxane
Concen: 792.61 ug/l
RT: 9.20 min Scan# 2366
Delta R.T. -0.01 min
Lab File: VN050507.D
Acq: 10 Aug 2018 10:36

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

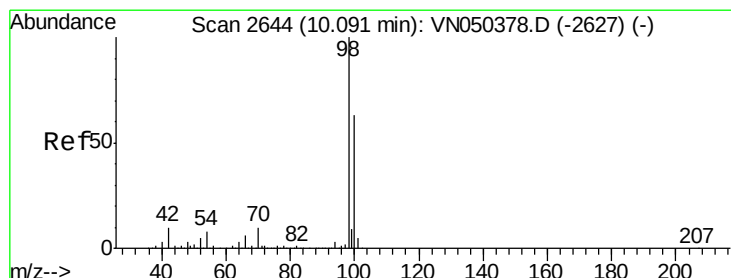
Tot Ion	Ratio	Lower	Upper
88	100		
43	32.8	26.9	40.3
58	67.8	57.3	85.9

Manual Integrations
APPROVED



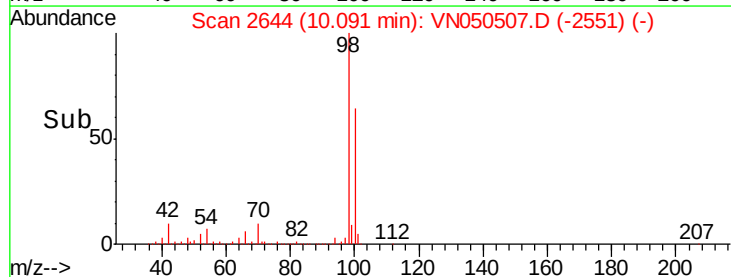
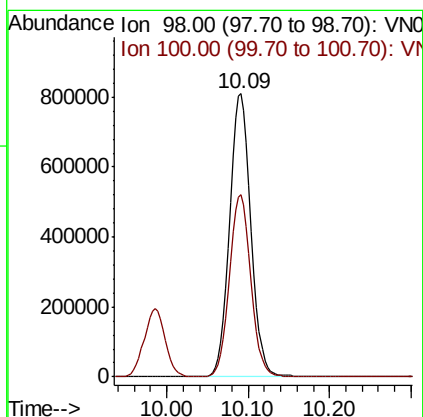
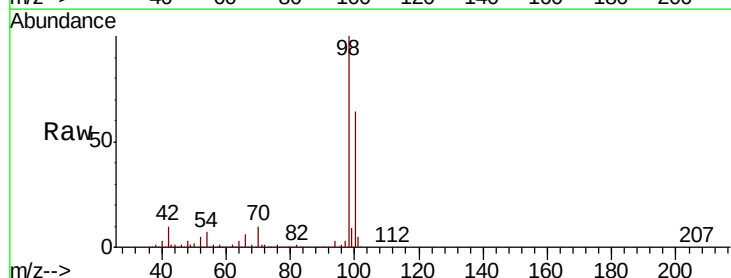
MMDadoda

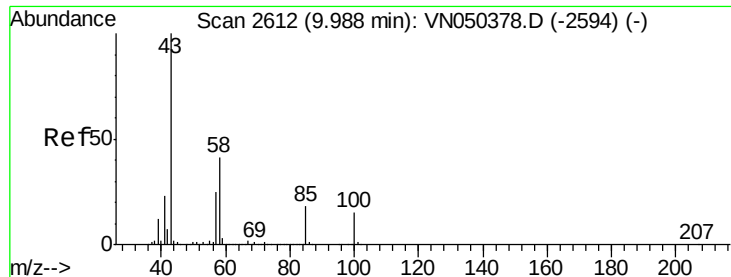
8/13/2018 11:05:27 AM



#50
Toluene-d8
Concen: 49.39 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050507.D
Acq: 10 Aug 2018 10:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	50.7	76.1





#51

4-Methyl-2-Pentanone

Concen: 223.55 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. -0.00 min

Lab File: VN050507.D

Acq: 10 Aug 2018 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

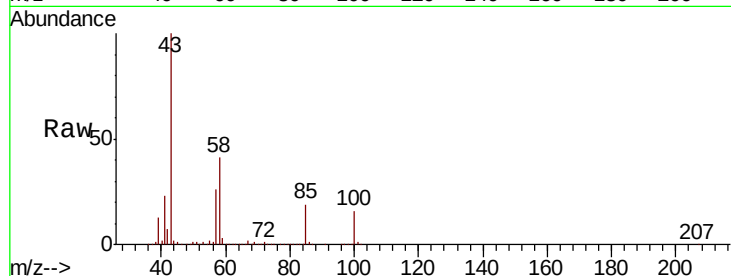
Tot Ion: 43 Resp: 2199149

Ion Ratio Lower Upper

43 100

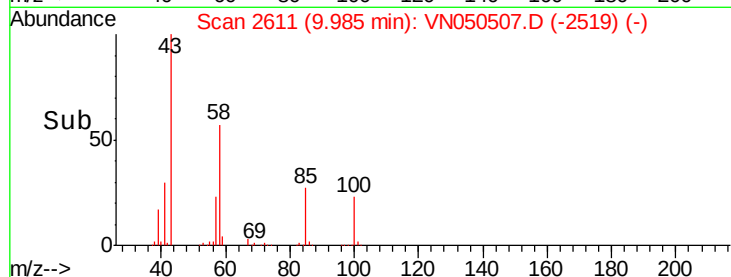
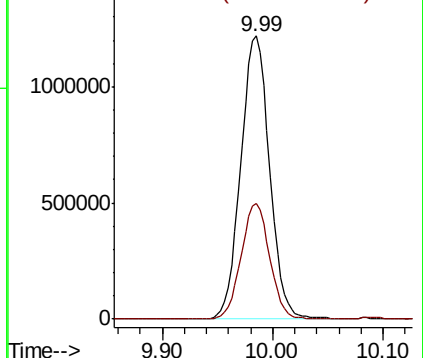
58 40.6 31.9 47.9

Manual Integrations
APPROVED



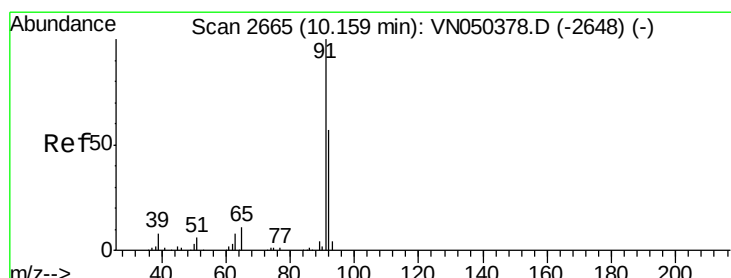
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



MMDadoda

8/13/2018 11:05:27 AM



#52

Toluene

Concen: 51.39 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN050507.D

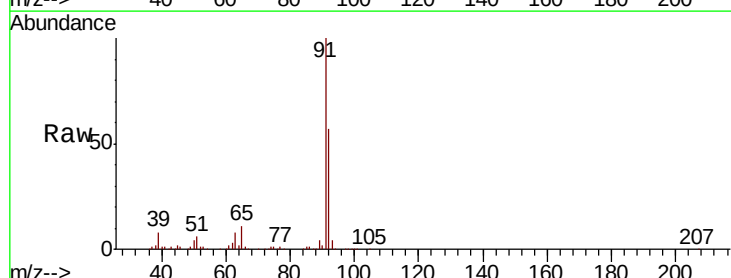
Acq: 10 Aug 2018 10:36

Tgt Ion: 92 Resp: 1042789

Ion Ratio Lower Upper

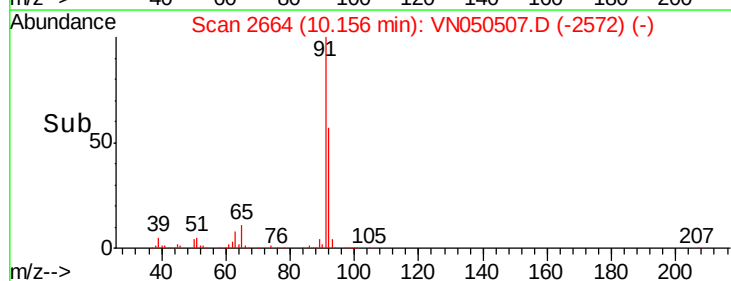
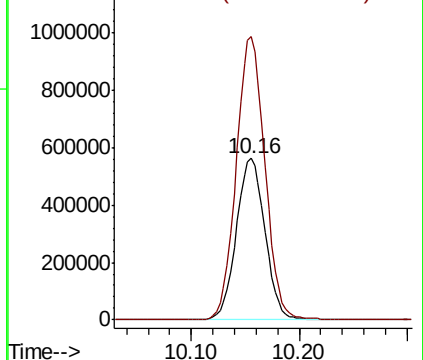
92 100

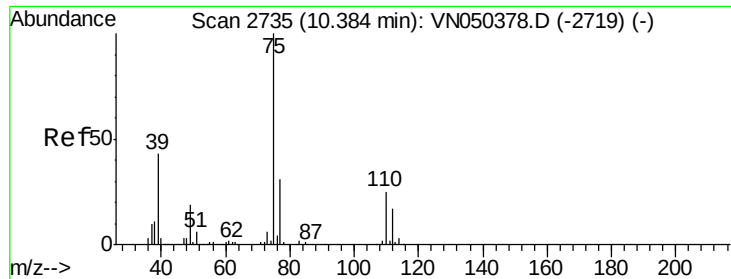
91 175.6 140.3 210.5



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



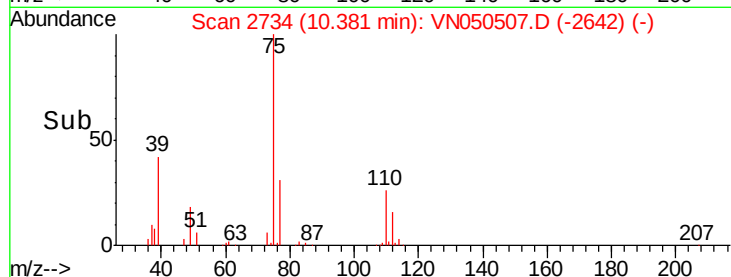
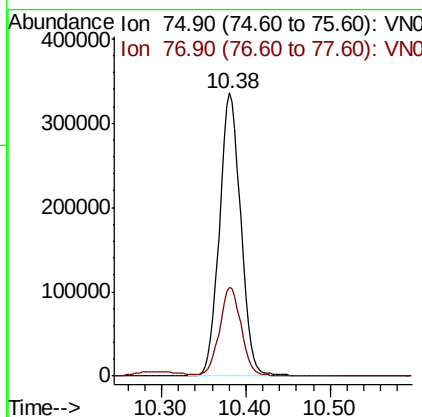
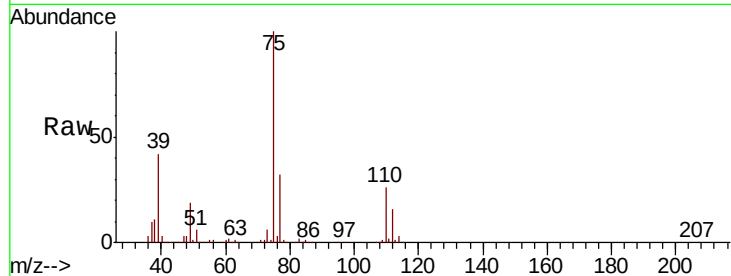


#53
t-1,3-Dichloropropene
Concen: 51.75 ug/l
RT: 10.38 min Scan# 2734
Delta R.T. -0.00 min
Lab File: VN050507.D
Acq: 10 Aug 2018 10:36

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

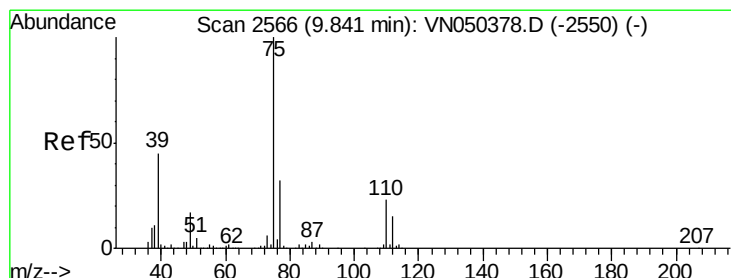
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.9	37.3

Manual Integrations
APPROVED



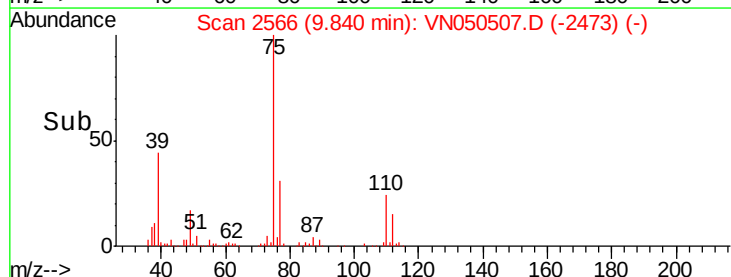
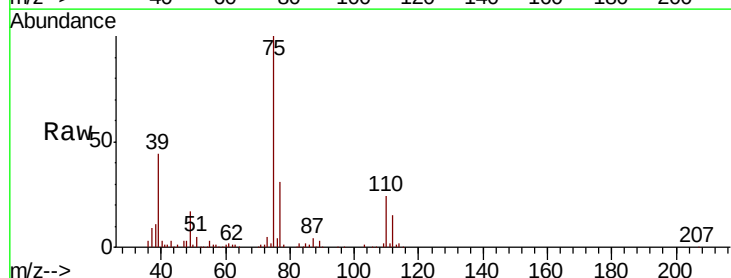
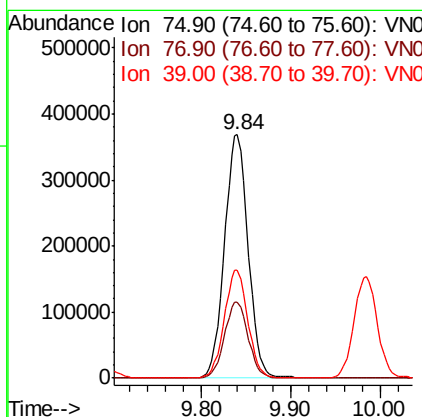
MMDadoda

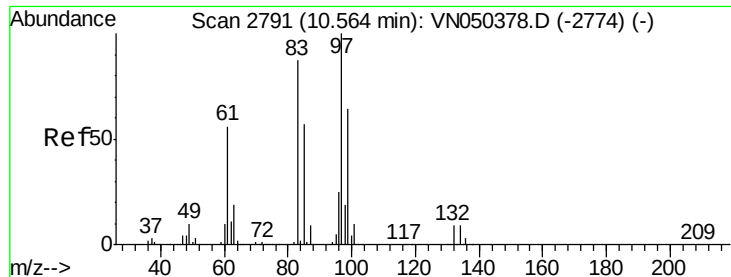
8/13/2018 11:05:27 AM



#54
cis-1,3-Dichloropropene
Concen: 53.07 ug/l
RT: 9.84 min Scan# 2566
Delta R.T. -0.00 min
Lab File: VN050507.D
Acq: 10 Aug 2018 10:36

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.5	38.3
39	44.2	36.6	55.0



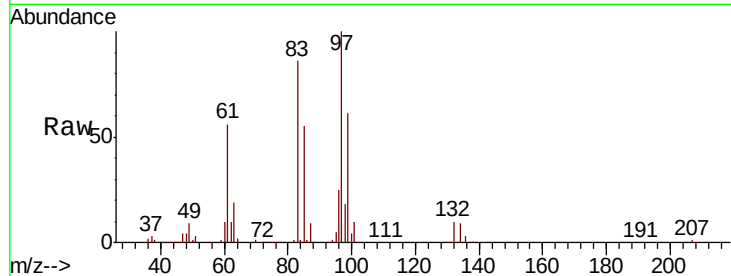


#55
1,1,2-Trichloroethane
Concen: 49.89 ug/l
RT: 10.56 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VN050507.D
Acq: 10 Aug 2018 10:36

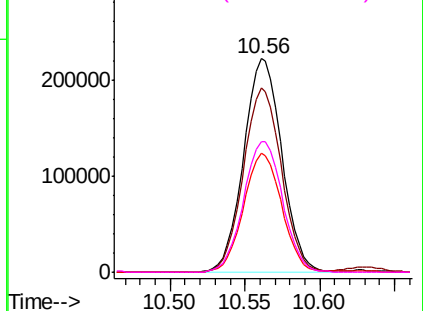
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	97	Resp	395252
Ion	Ratio	Lower	Upper
97	100		
83	86.1	69.2	103.8
85	55.5	44.0	66.0
99	61.0	49.9	74.9

Manual Integrations
APPROVED

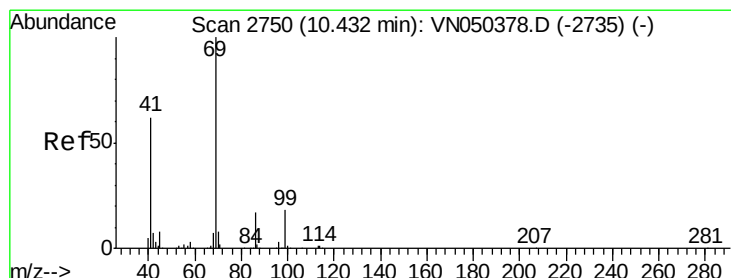
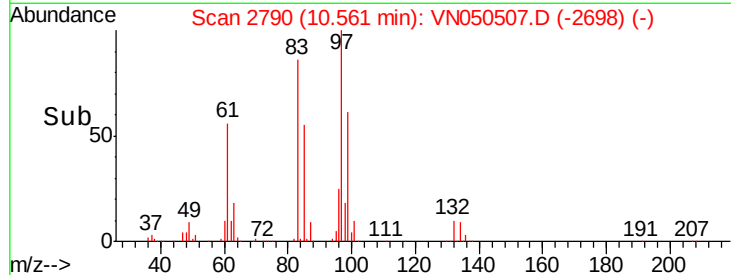


Abundance Ion 96.90 (96.60 to 97.60): VNO
Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 98.90 (98.60 to 99.60): VNO



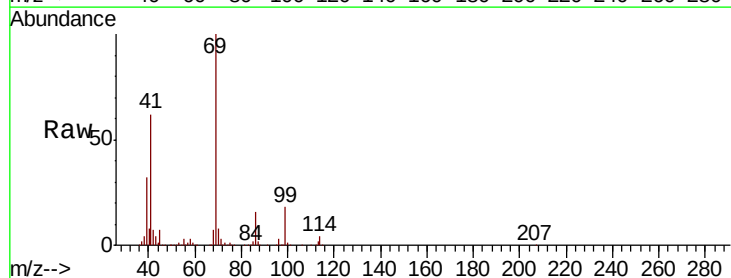
MMDadoda

8/13/2018 11:05:27 AM

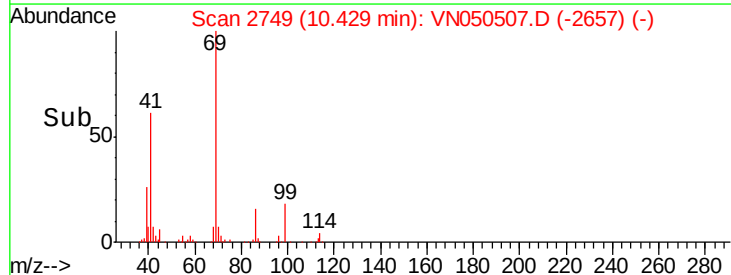
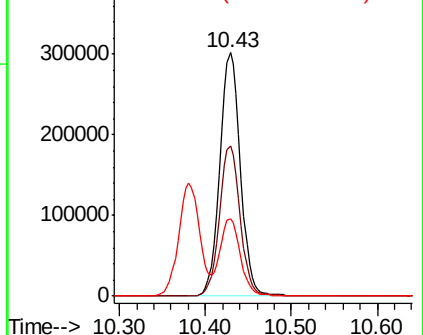


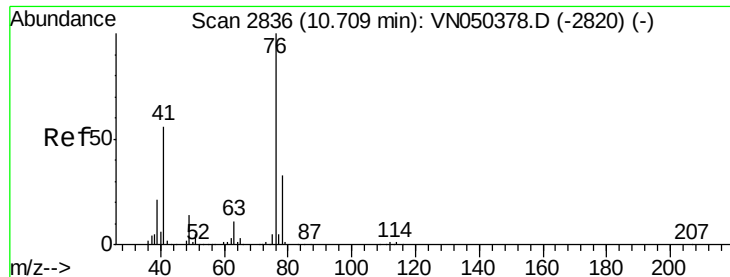
#56
Ethyl methacrylate
Concen: 44.99 ug/l
RT: 10.43 min Scan# 2749
Delta R.T. -0.00 min
Lab File: VN050507.D
Acq: 10 Aug 2018 10:36

Tgt Ion	69	Resp	502379
Ion	Ratio	Lower	Upper
69	100		
41	61.6	51.0	76.4
39	31.6	26.6	40.0



Abundance Ion 69.00 (68.70 to 69.70): VNO
Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 50.51 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. -0.00 min

Lab File: VN050507.D

Acq: 10 Aug 2018 10:36

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

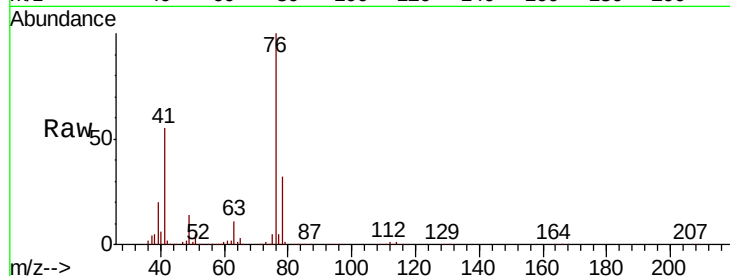
Tot Ion: 76 Resp: 656715

Ion Ratio Lower Upper

76 100

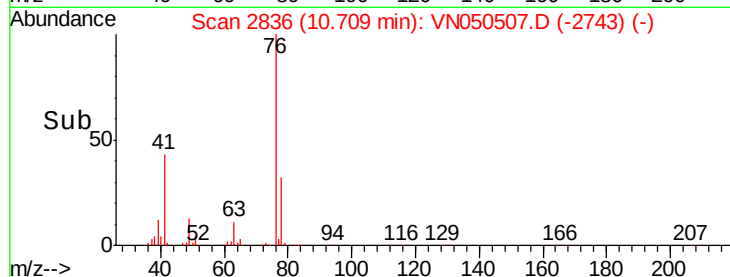
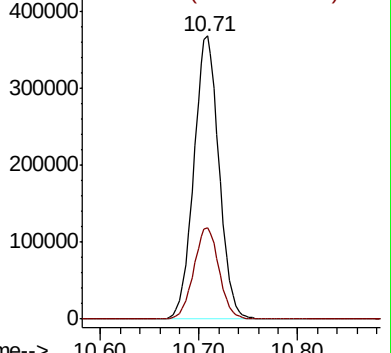
78 32.5 25.7 38.5

Manual Integrations
APPROVED



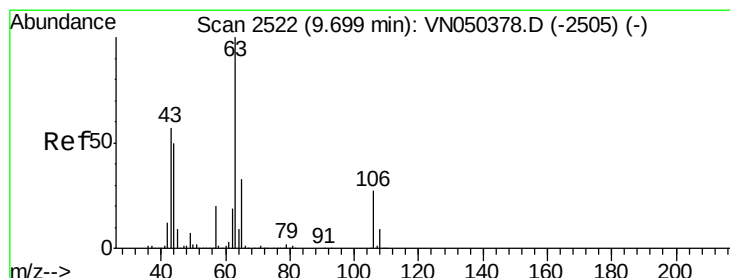
Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



MMDadoda

8/13/2018 11:05:27 AM



#58

2-Chloroethyl Vinyl ether

Concen: 221.93 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. -0.00 min

Lab File: VN050507.D

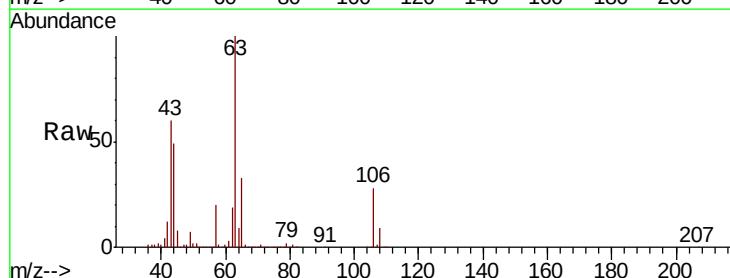
Acq: 10 Aug 2018 10:36

Tgt Ion: 63 Resp: 1155153

Ion Ratio Lower Upper

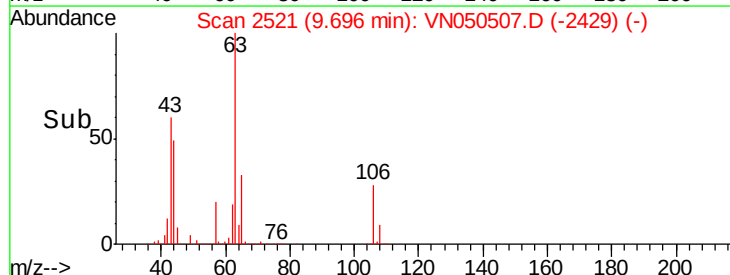
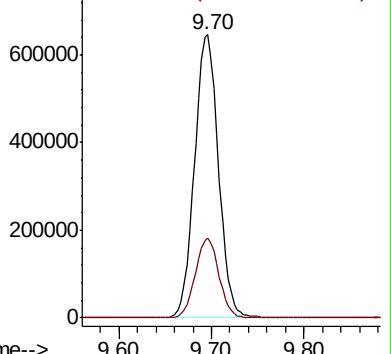
63 100

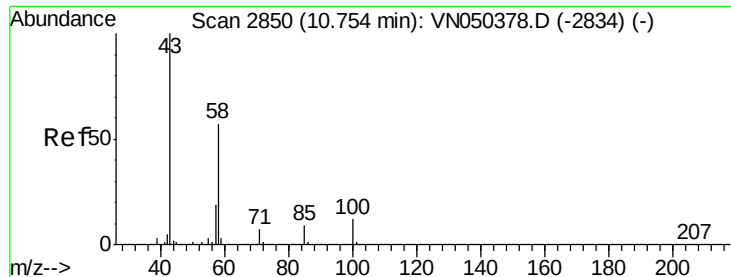
106 27.9 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V



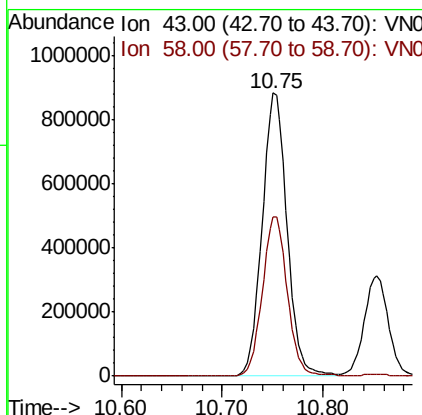
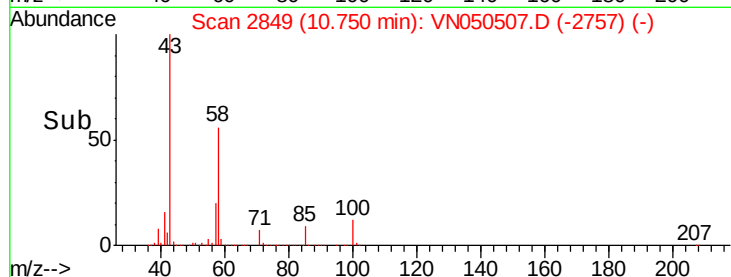
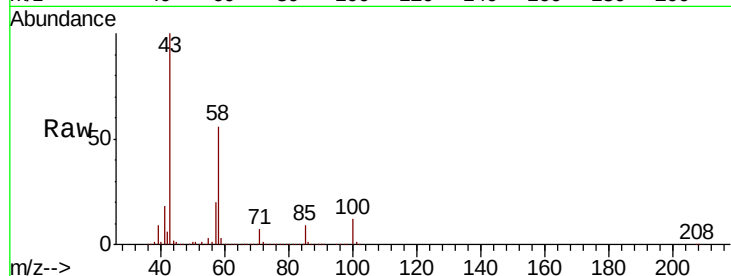


#59
2-Hexanone
Concen: 220.43 ug/l
RT: 10.75 min Scan# 2849
Delta R.T. -0.00 min
Lab File: VN050507.D
Acq: 10 Aug 2018 10:36

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

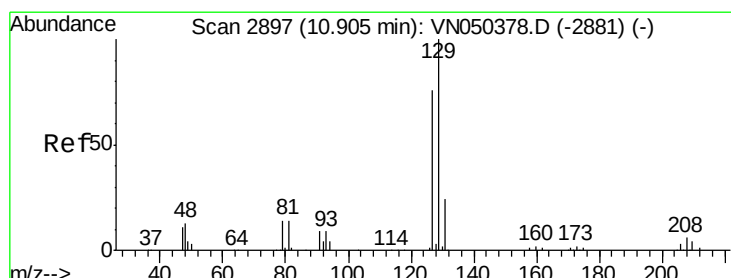
Tot Ion: 43 Resp: 1513329
Ion Ratio Lower Upper
43 100
58 56.6 27.6 82.7

Manual Integrations
APPROVED



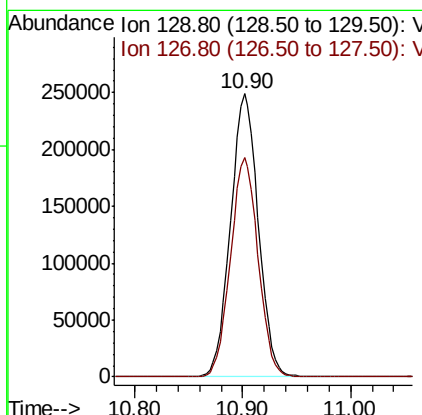
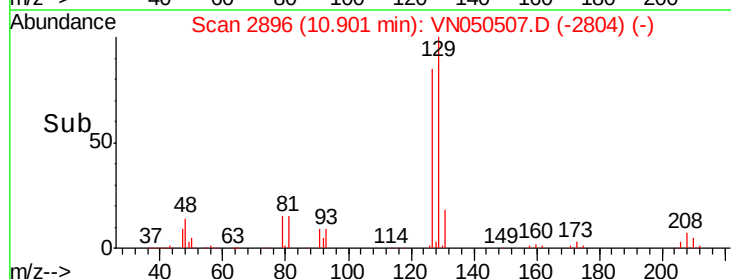
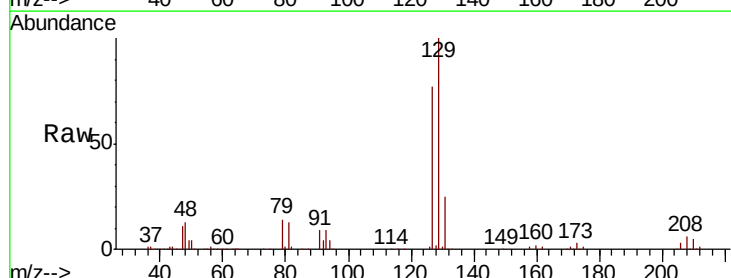
MMDadoda

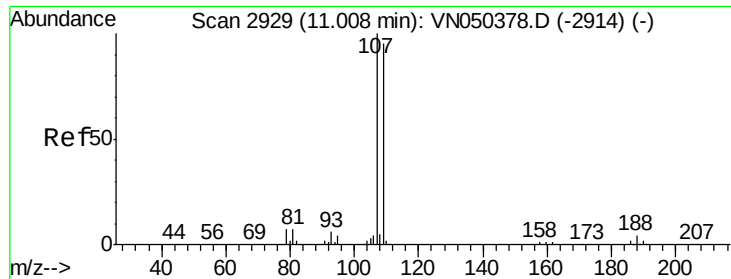
8/13/2018 11:05:27 AM



#60
Dibromochloromethane
Concen: 51.31 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VN050507.D
Acq: 10 Aug 2018 10:36

Tgt Ion: 129 Resp: 447821
Ion Ratio Lower Upper
129 100
127 76.8 38.0 113.9



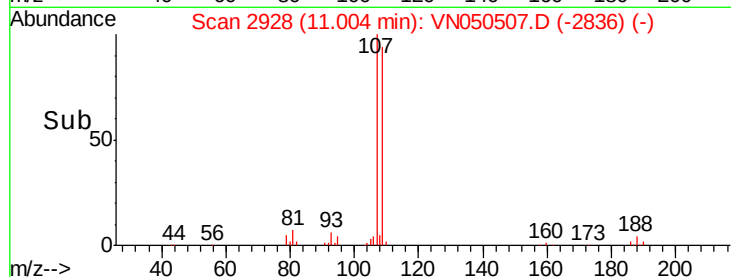
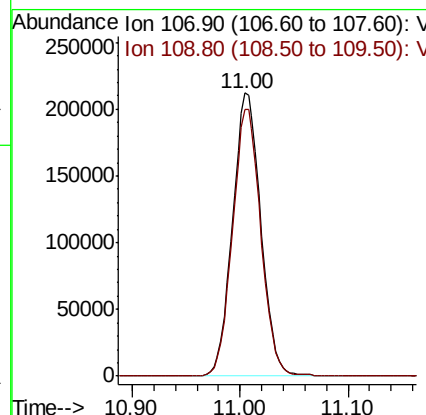
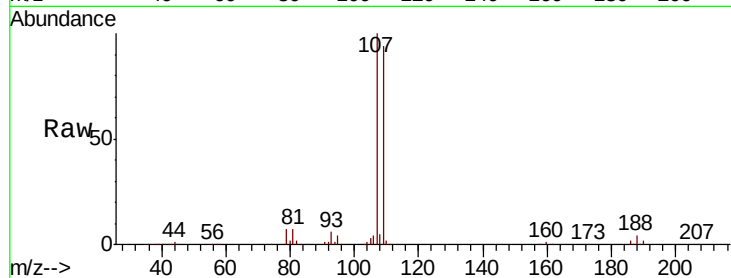


#61
 1,2-Dibromoethane
 Concen: 49.56 ug/l
 RT: 11.00 min Scan# 2928
 Delta R.T. -0.00 min
 Lab File: VN050507.D
 Acq: 10 Aug 2018 10:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

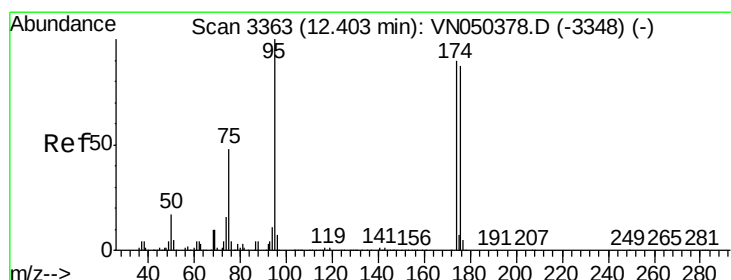
Tot Ion	Ratio	Resp	Lower	Upper
107	100	386960		
109	94.5	74.6	112.0	

Manual Integrations
 APPROVED



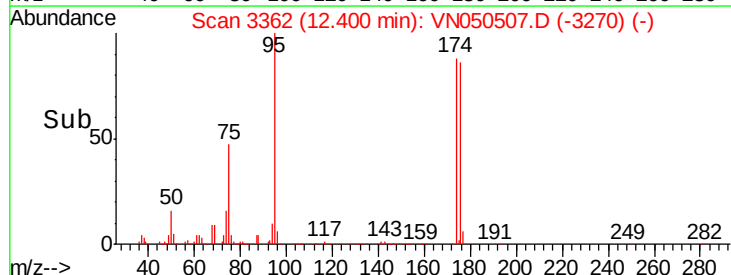
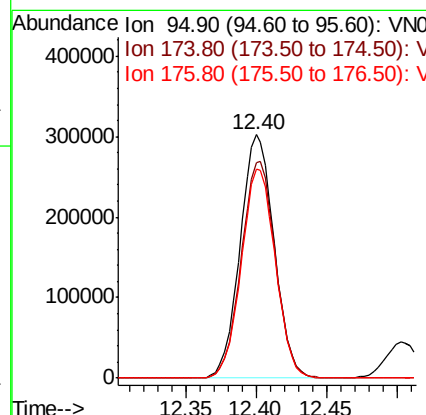
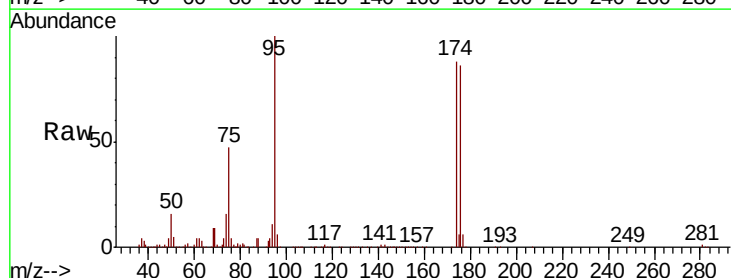
MMDadoda

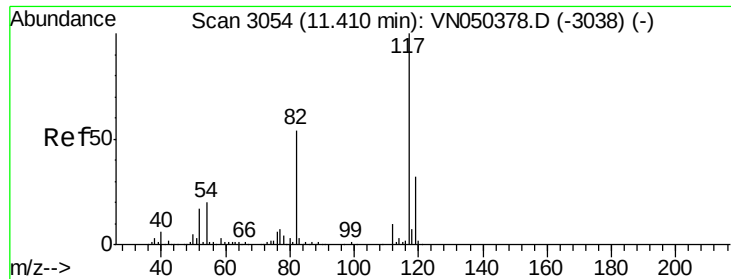
8/13/2018 11:05:27 AM



#62
 4-Bromofluorobenzene
 Concen: 49.61 ug/l
 RT: 12.40 min Scan# 3362
 Delta R.T. -0.00 min
 Lab File: VN050507.D
 Acq: 10 Aug 2018 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	510130		
174	89.9	0.0	178.2	
176	86.3	0.0	173.4	



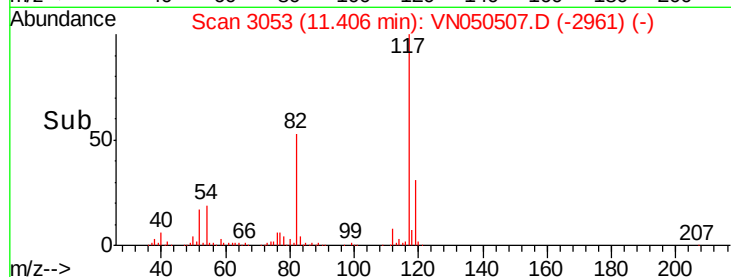
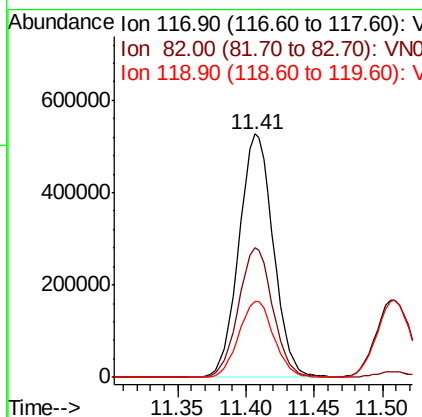
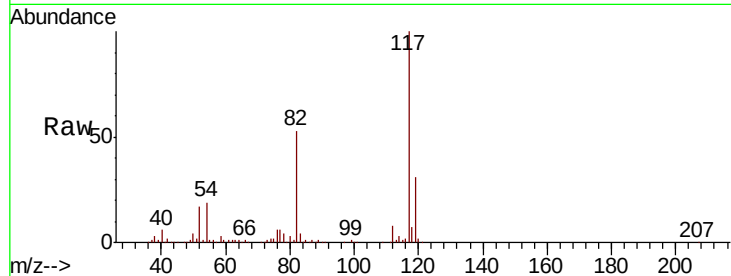


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. -0.00 min
Lab File: VN050507.D
Acq: 10 Aug 2018 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

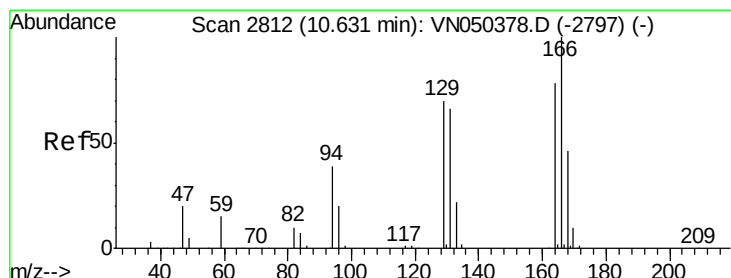
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	43.7	65.5
119	31.3	26.1	39.1

Manual Integrations
APPROVED



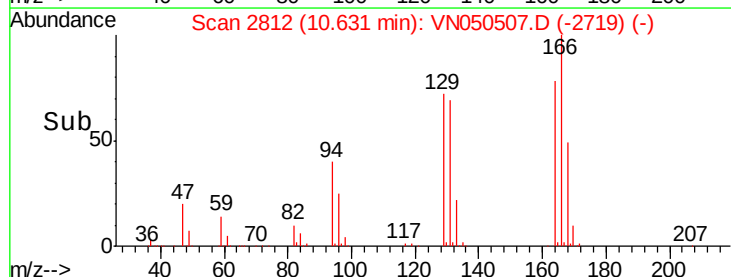
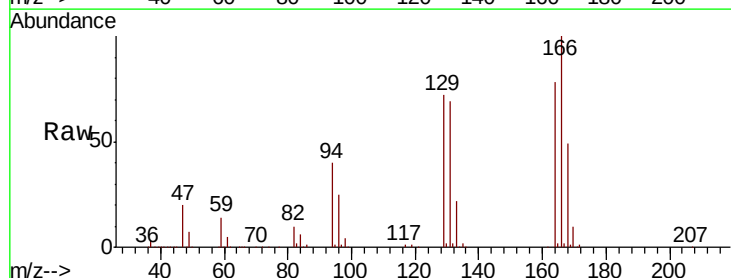
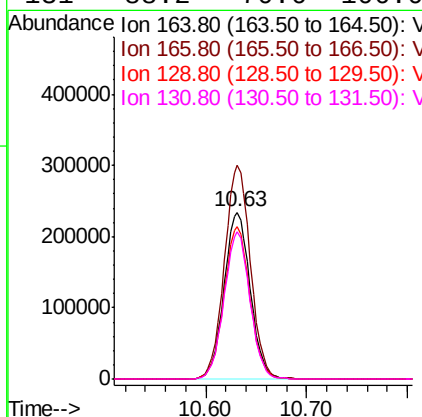
MMDadoda

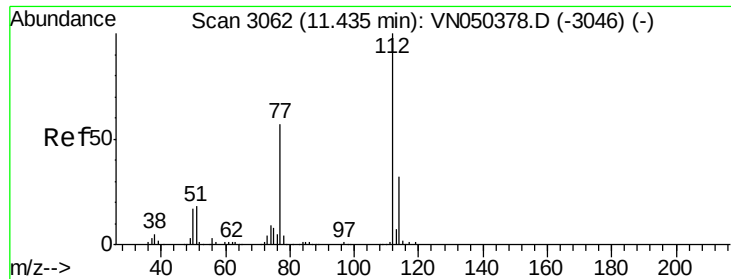
8/13/2018 11:05:27 AM



#64
Tetrachloroethene
Concen: 49.19 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN050507.D
Acq: 10 Aug 2018 10:36

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.0	102.1	153.1
129	91.6	73.2	109.8
131	88.2	70.6	106.0



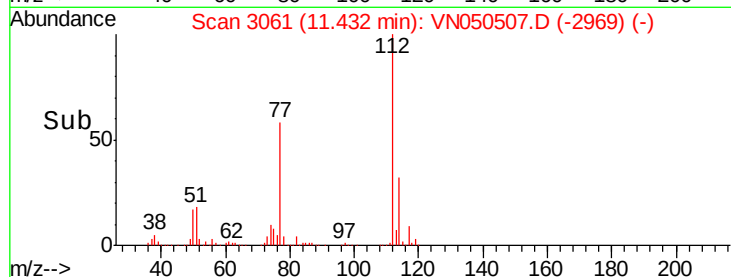
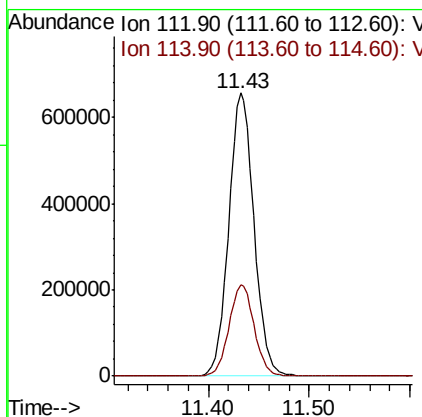
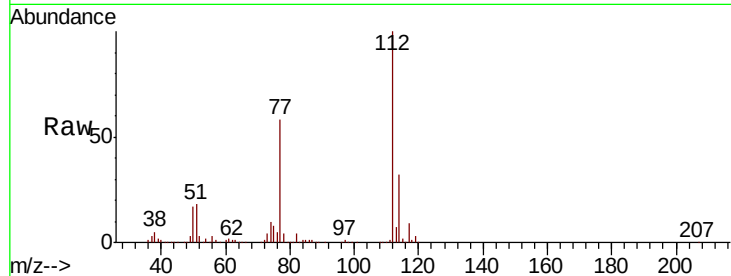


#65
Chlorobenzene
Concen: 49.29 ug/l
RT: 11.43 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN050507.D
Acq: 10 Aug 2018 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

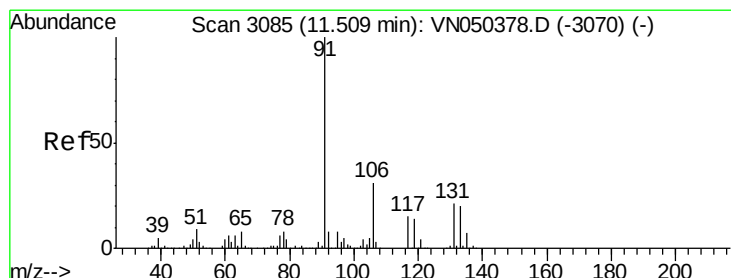
Tot Ion:112 Resp: 1139762
Ion Ratio Lower Upper
112 100
114 32.2 25.6 38.4

Manual Integrations
APPROVED



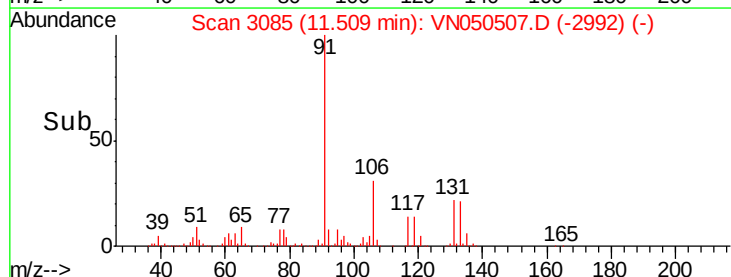
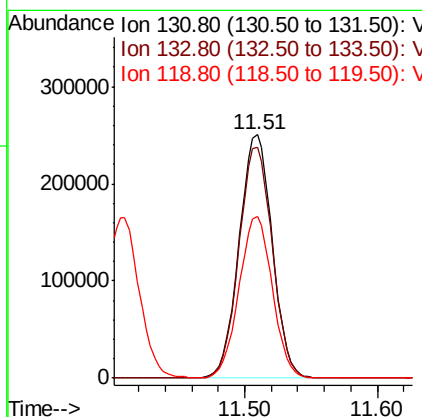
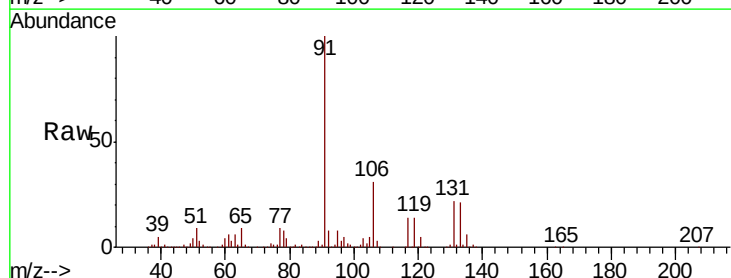
MMDadoda

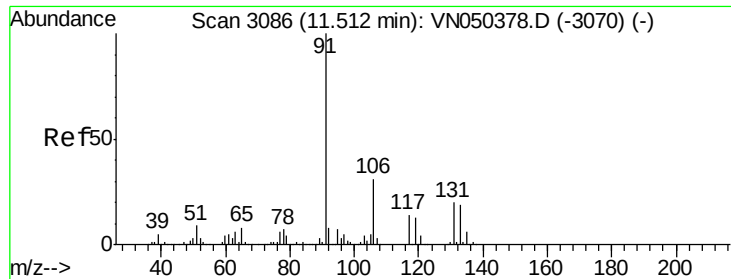
8/13/2018 11:05:27 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.67 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. -0.00 min
Lab File: VN050507.D
Acq: 10 Aug 2018 10:36

Tgt Ion:131 Resp: 434862
Ion Ratio Lower Upper
131 100
133 95.8 47.3 141.9
119 66.6 32.9 98.7





#67

Ethyl Benzene

Concen: 51.93 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. -0.00 min

Lab File: VN050507.D

Acq: 10 Aug 2018 10:36

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

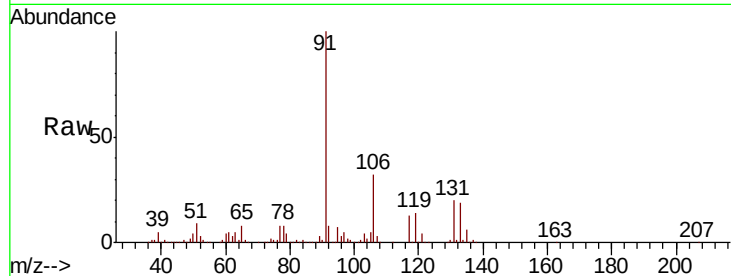
Tot Ion: 91 Resp: 1940818

Ion Ratio Lower Upper

91 100

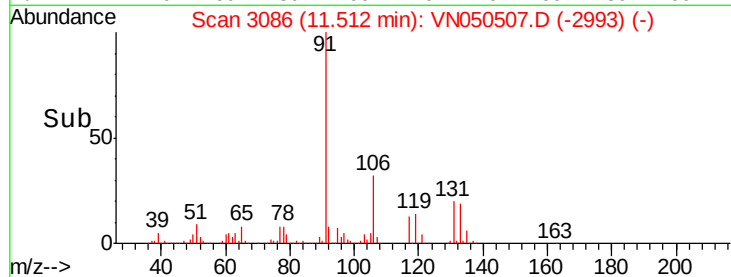
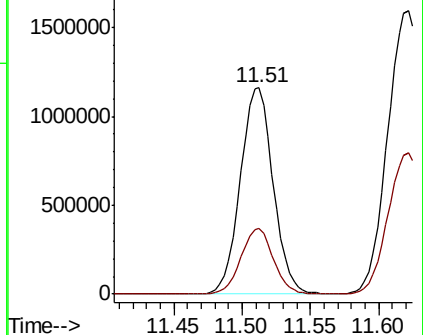
106 31.6 25.0 37.4

Manual Integrations
APPROVED



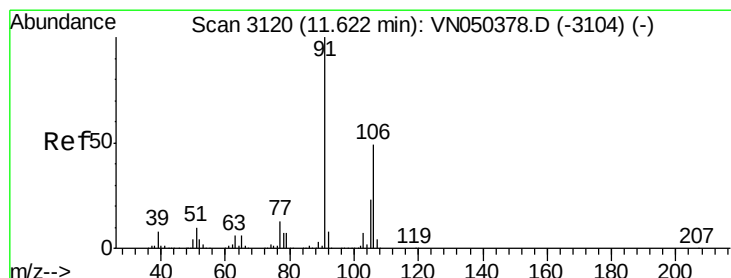
Abundance Ion 91.00 (90.70 to 91.70): VN050378.D (-3070) (-)

Ion 106.00 (105.70 to 106.70): VN050378.D (-3070) (-)



MMDadoda

8/13/2018 11:05:27 AM



#68

m/p-Xylenes

Concen: 106.07 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. -0.00 min

Lab File: VN050507.D

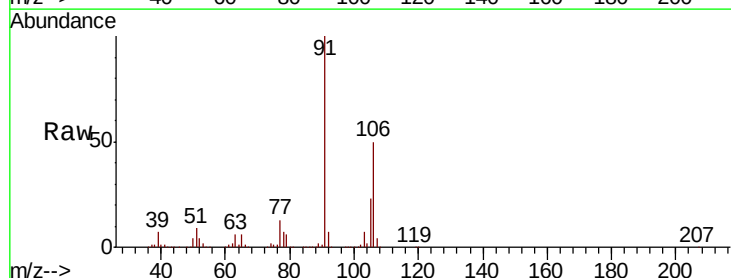
Acq: 10 Aug 2018 10:36

Tgt Ion: 106 Resp: 1509218

Ion Ratio Lower Upper

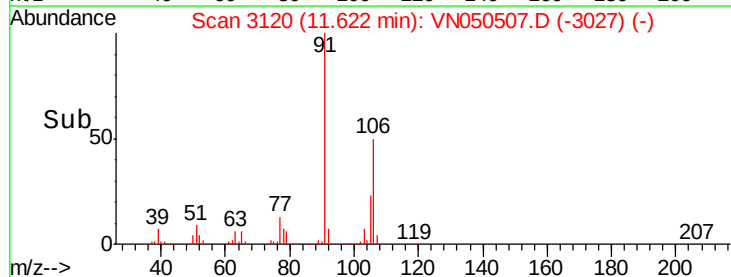
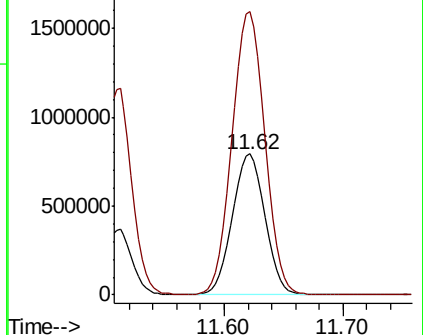
106 100

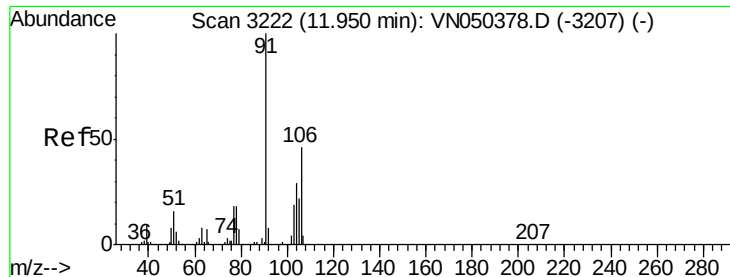
91 201.8 162.2 243.2



Abundance Ion 106.00 (105.70 to 106.70): VN050378.D (-3104) (-)

Ion 91.00 (90.70 to 91.70): VN050378.D (-3104) (-)



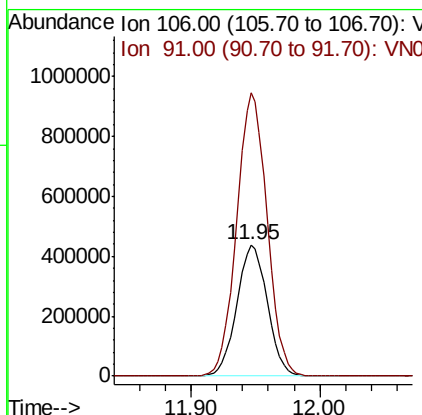
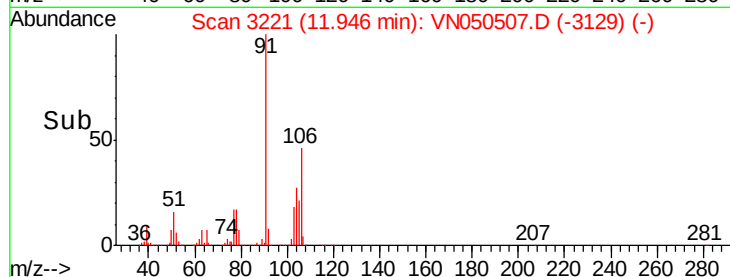
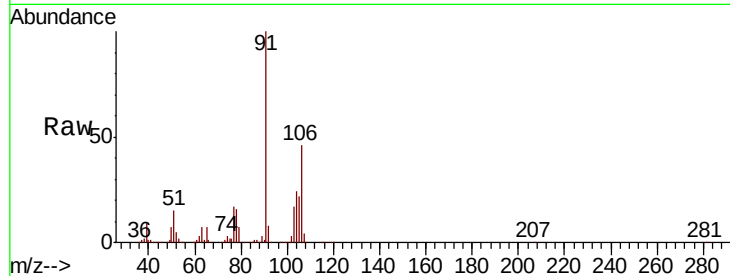


#69
o-Xylene
Concen: 52.69 ug/l
RT: 11.95 min Scan# 3221
Delta R.T. -0.00 min
Lab File: VN050507.D
Acq: 10 Aug 2018 10:36

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

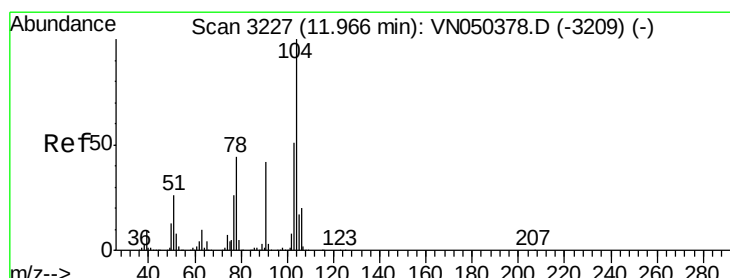
Tot Ion	Ion	Ratio	Lower	Upper
722159	106			
	106	100		
	91	214.3	107.7	323.1

Manual Integrations
APPROVED



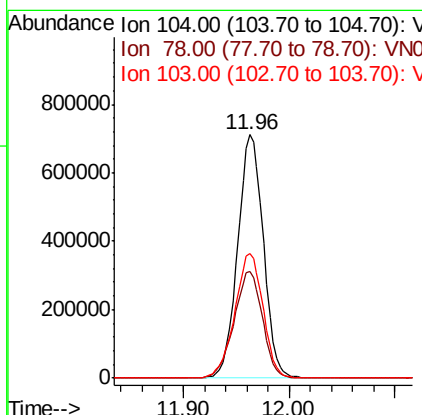
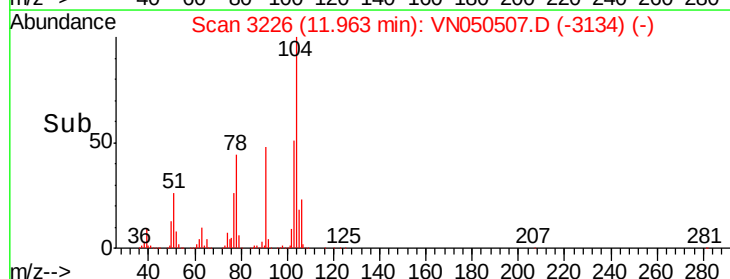
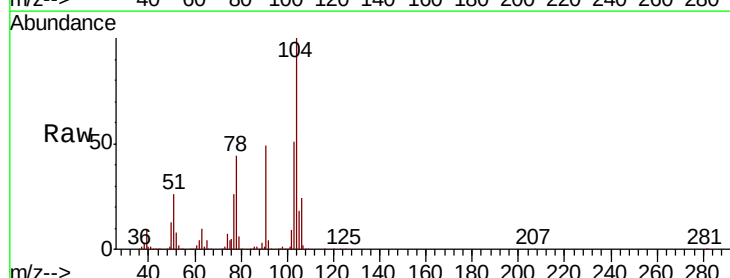
MMDadoda

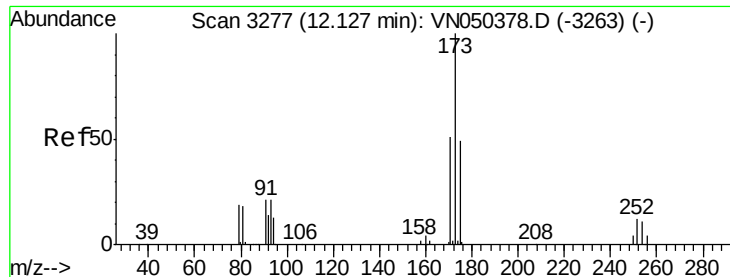
8/13/2018 11:05:27 AM



#70
Styrene
Concen: 53.86 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VN050507.D
Acq: 10 Aug 2018 10:36

Tgt Ion	Ion	Ratio	Lower	Upper
1200514	104			
	104	100		
	78	48.5	39.3	58.9
	103	56.1	45.0	67.6





#71

Bromoform

Concen: 49.71 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN050507.D

Acq: 10 Aug 2018 10:36

Instrument :

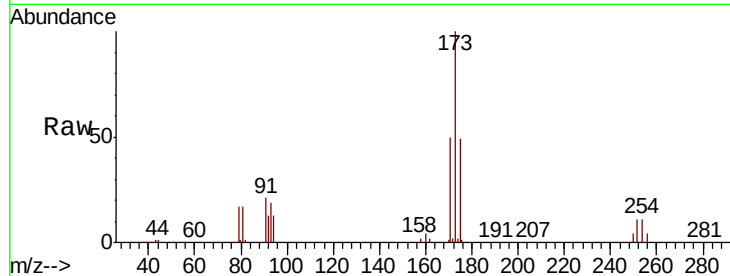
MSVOA_N

ClientSampled :

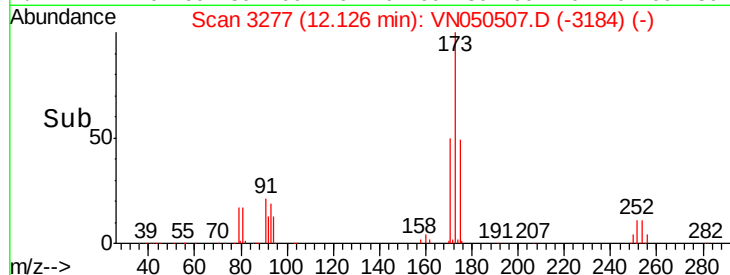
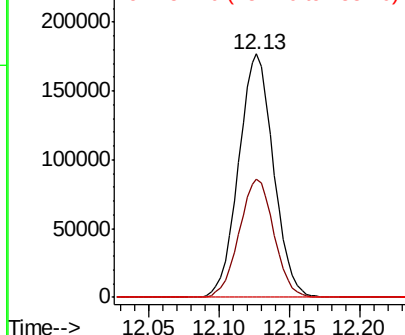
VSTDCCC050

Tot Ion:	173	Resp:	305713
Ion Ratio	Lower	Upper	
173	100		
175	48.4	24.1	72.2
254	0.1	0.2	0.2#

Manual Integrations
APPROVED

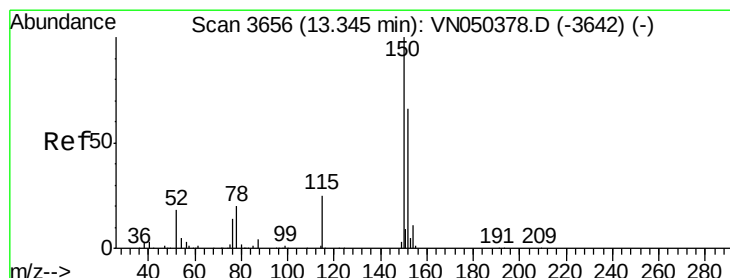


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



MMDadoda

8/13/2018 11:05:27 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

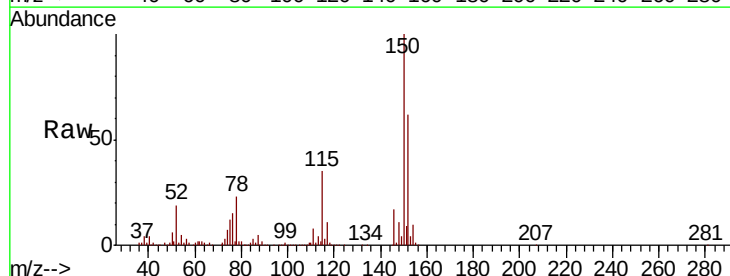
RT: 13.34 min Scan# 3655

Delta R.T. -0.00 min

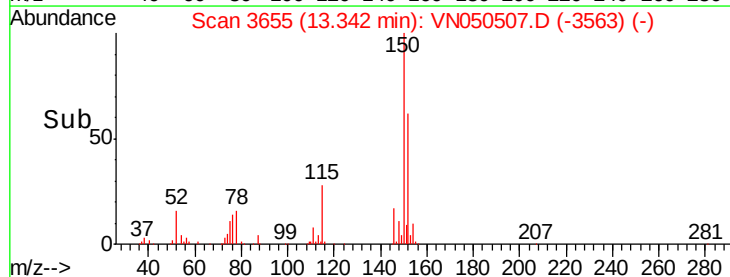
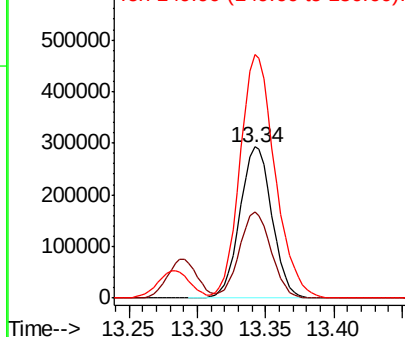
Lab File: VN050507.D

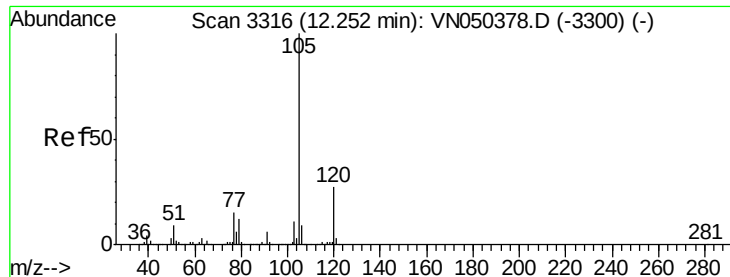
Acq: 10 Aug 2018 10:36

Tgt Ion:	152	Resp:	476935
Ion Ratio	Lower	Upper	
152	100		
115	56.6	27.8	83.3
150	176.0	0.0	348.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.17 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN050507.D

Acq: 10 Aug 2018 10:36

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

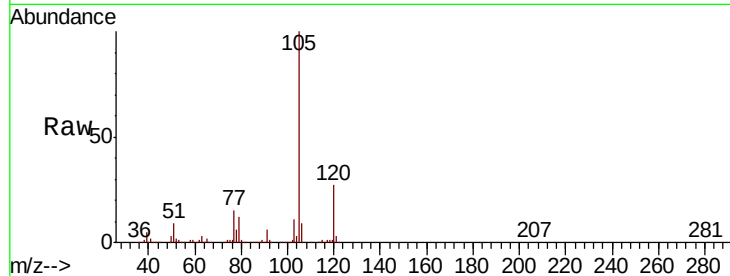
Tot Ion:105 Resp: 1903551

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.8

Manual Integrations
APPROVED



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

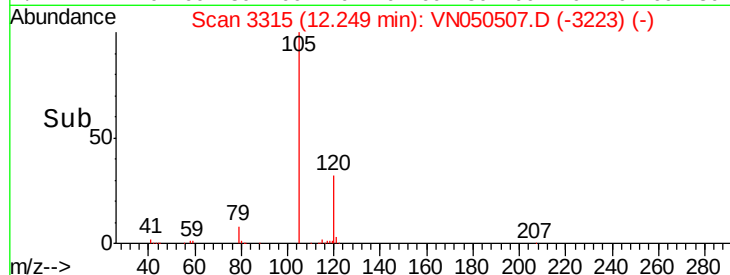
12.25

1000000

500000

0

Time-->



12.25

1000000

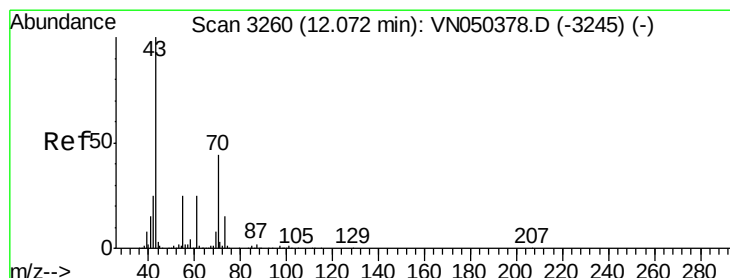
500000

0

Time-->

MMDadoda

8/13/2018 11:05:27 AM



#74

N-ethyl acetate

Concen: 46.15 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN050507.D

Acq: 10 Aug 2018 10:36

Tgt Ion: 43 Resp: 535601

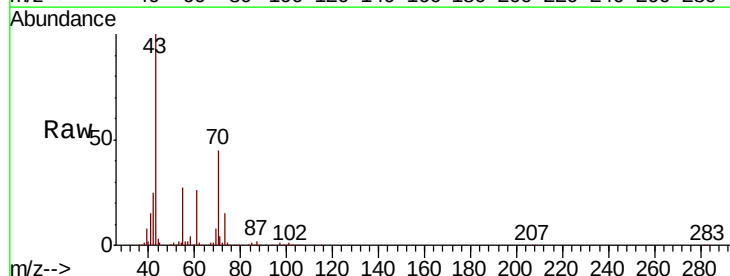
Ion Ratio Lower Upper

43 100

70 44.6 34.4 51.6

55 26.8 20.8 31.2

61 25.6 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.07

500000

400000

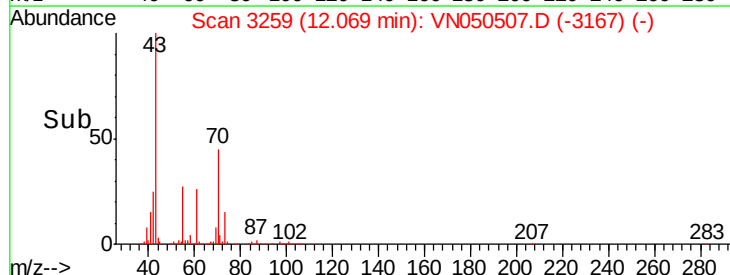
300000

200000

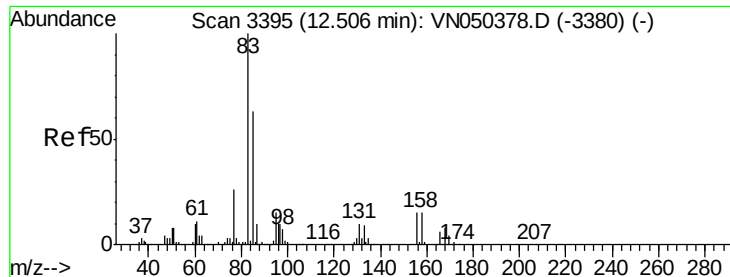
100000

0

Time-->



Time-->



#75

1,1,2,2-Tetrachloroethane

Concen: 46.78 ug/l

RT: 12.50 min Scan# 3394

Delta R.T. -0.00 min

Lab File: VN050507.D

Acq: 10 Aug 2018 10:36

Instrument :

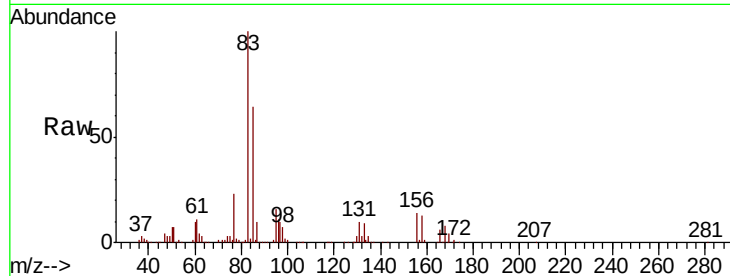
MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	483236
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.1	15.3
85	63.6	32.3	96.8

Manual Integrations
APPROVED



Abundance Ion 82.90 (82.60 to 83.60): VN050378.D (-3380) (-)

Ion 130.80 (130.50 to 131.50): VN050378.D (-3380) (-)

Ion 84.90 (84.60 to 85.60): VN050378.D (-3380) (-)

12.50

300000

200000

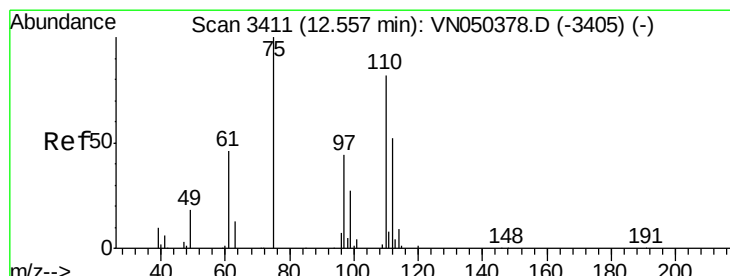
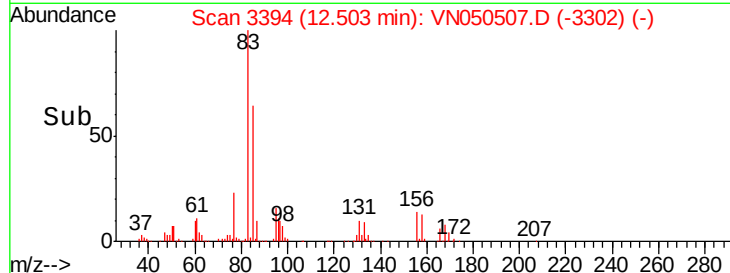
100000

0

Time-->

MMDadoda

8/13/2018 11:05:27 AM



#76

1,2,3-Trichloropropane

Concen: 44.04 ug/l m

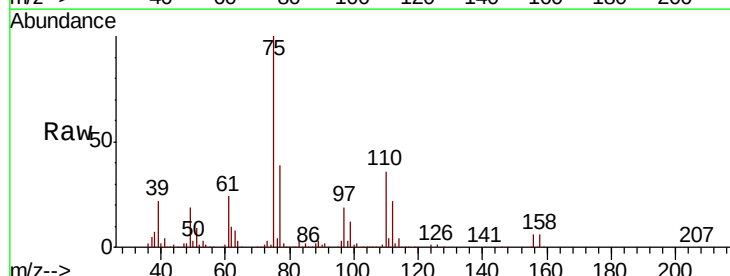
RT: 12.55 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN050507.D

Acq: 10 Aug 2018 10:36

Tgt Ion:	75	Resp:	380196
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN050378.D (-3405) (-)

Ion 77.00 (76.70 to 77.70): VN050378.D (-3405) (-)

500000

400000

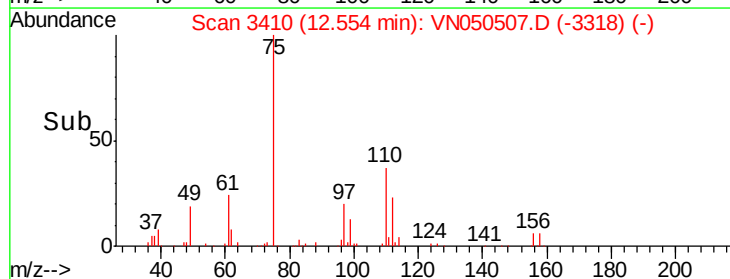
300000

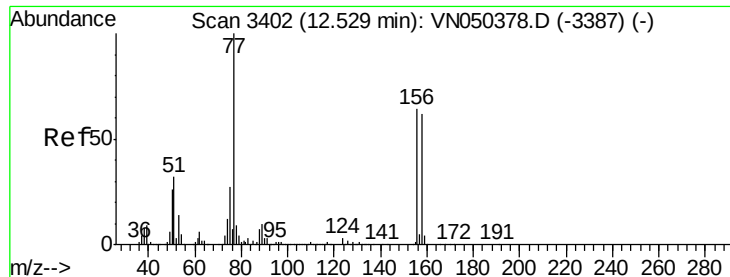
200000

100000

0

Time-->





#77

Bromobenzene

Concen: 51.94 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN050507.D

Acq: 10 Aug 2018 10:36

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion:156 Resp: 498185

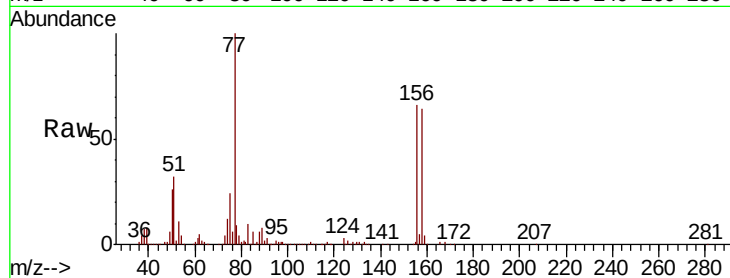
Ion Ratio Lower Upper

156 100

77 178.3 91.7 275.1

158 96.7 48.9 146.6

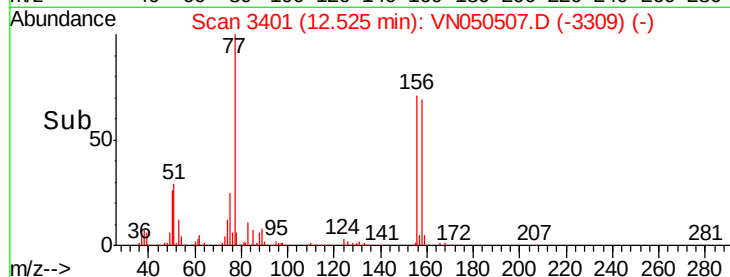
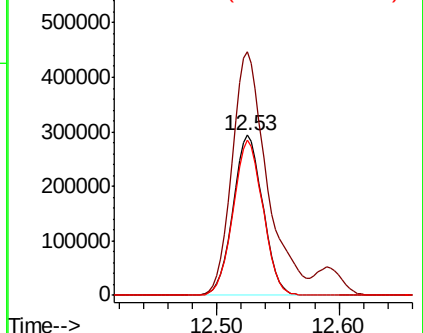
Manual Integrations
APPROVED



Abundance Ion 155.80 (155.50 to 156.50): V

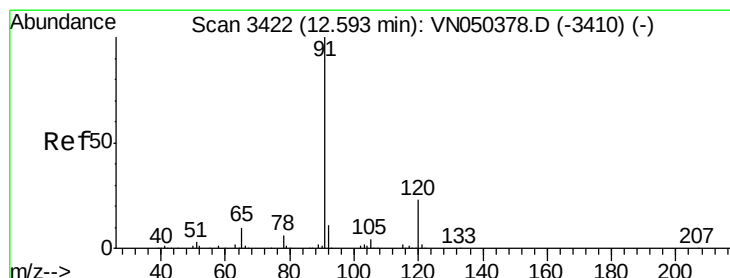
Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



MMDadoda

8/13/2018 11:05:27 AM



#78

n-propylbenzene

Concen: 53.72 ug/l

RT: 12.59 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN050507.D

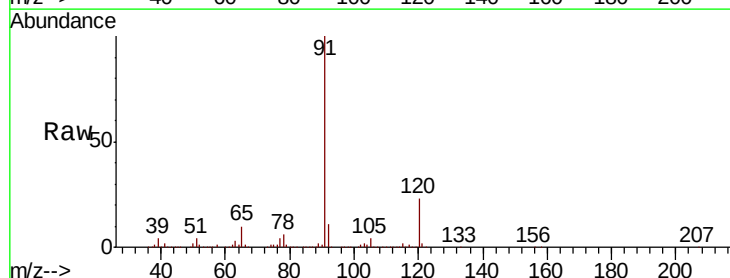
Acq: 10 Aug 2018 10:36

Tgt Ion: 91 Resp: 2177014

Ion Ratio Lower Upper

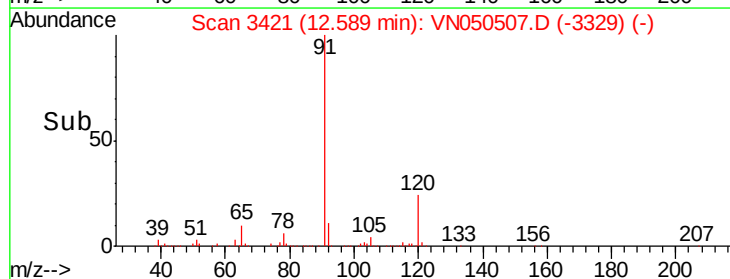
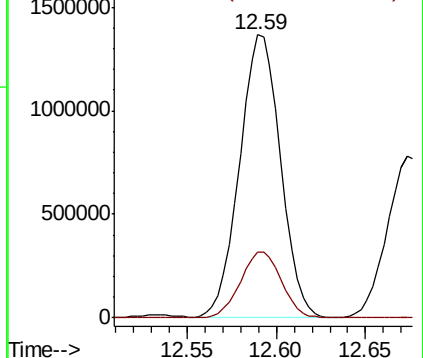
91 100

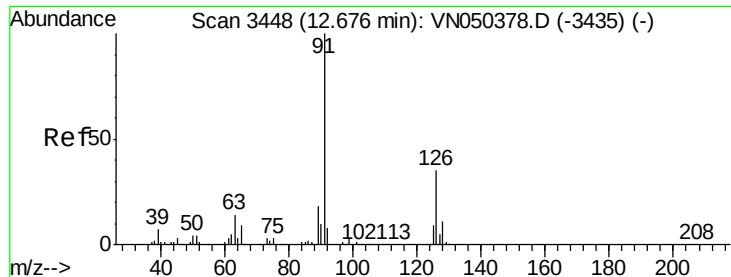
120 23.4 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.80 ug/l

RT: 12.67 min Scan# 3447

Delta R.T. -0.00 min

Lab File: VN050507.D

Acq: 10 Aug 2018 10:36

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

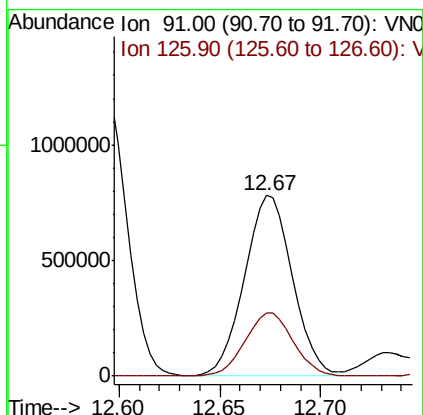
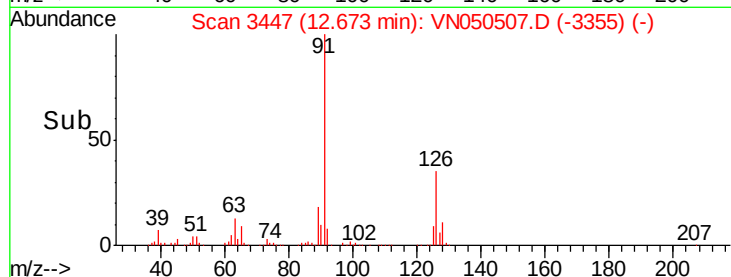
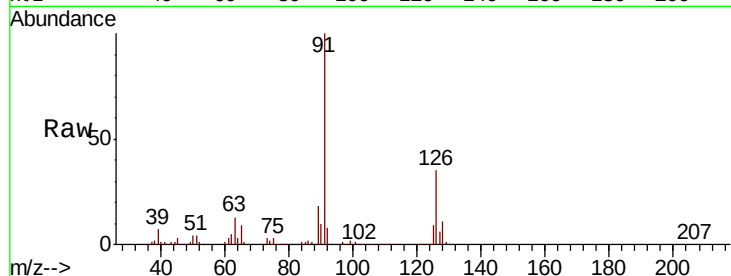
Tot Ion: 91 Resp: 1296399

Ion Ratio Lower Upper

91 100

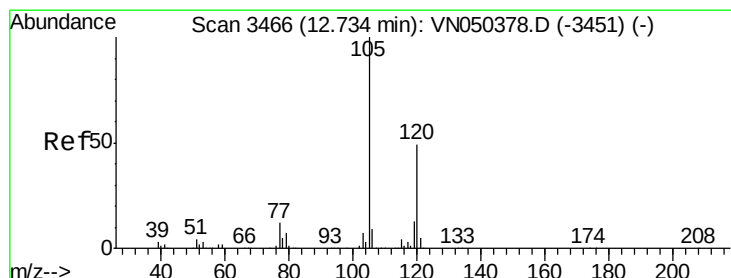
126 35.4 17.6 52.8

Manual Integrations
APPROVED



MMDadoda

8/13/2018 11:05:27 AM



#80

1,3,5-Trimethylbenzene

Concen: 54.16 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN050507.D

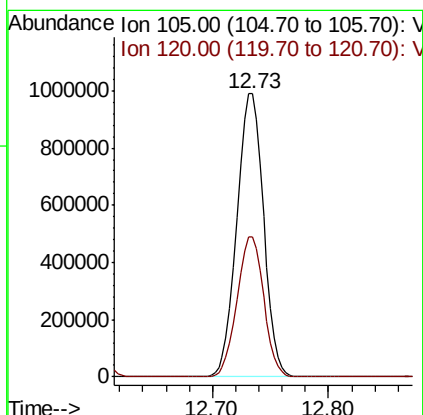
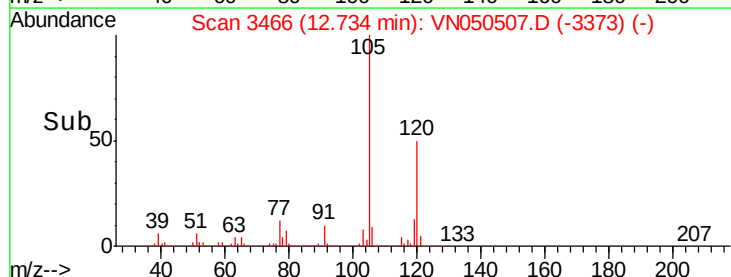
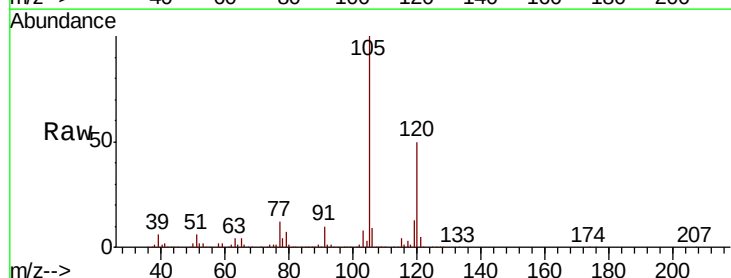
Acq: 10 Aug 2018 10:36

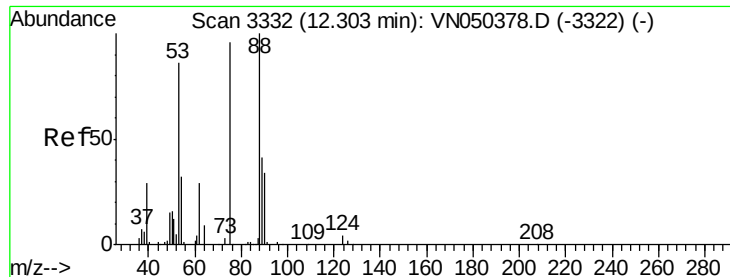
Tgt Ion: 105 Resp: 1574109

Ion Ratio Lower Upper

105 100

120 49.5 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 50.21 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. -0.00 min

Lab File: VN050507.D

Acq: 10 Aug 2018 10:36

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 75 Resp: 123359

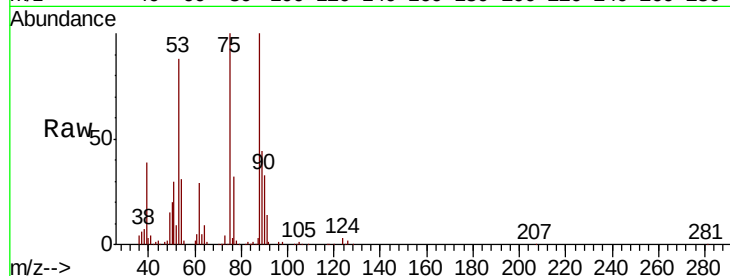
Ion Ratio Lower Upper

75 100

53 89.7 73.5 110.3

89 44.6 36.0 54.0

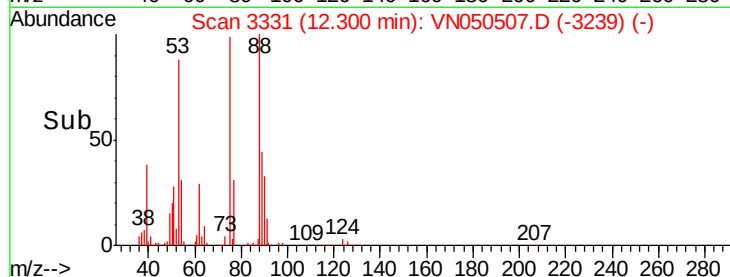
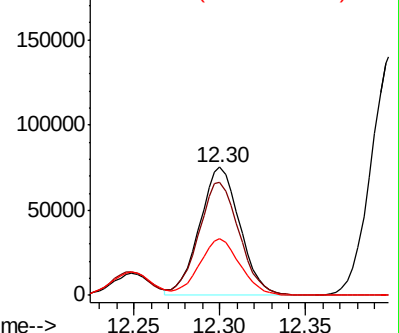
Manual Integrations
APPROVED



Abundance Ion 74.90 (74.60 to 75.60): VN050507.D (-3332) (-)

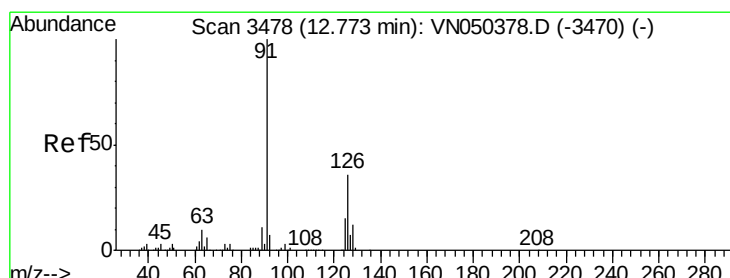
Ion 53.00 (52.70 to 53.70): VN050507.D (-3332) (-)

Ion 88.90 (88.60 to 89.60): VN050507.D (-3332) (-)



MMDadoda

8/13/2018 11:05:27 AM



#82

4-Chlorotoluene

Concen: 53.42 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. -0.00 min

Lab File: VN050507.D

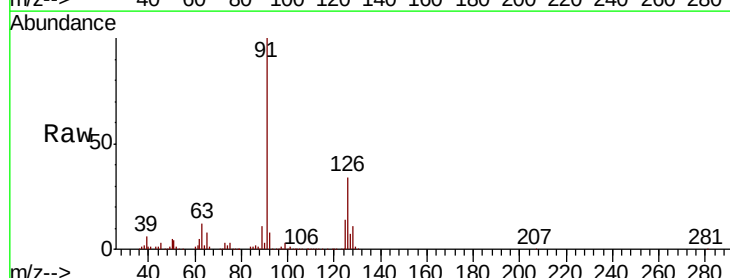
Acq: 10 Aug 2018 10:36

Tgt Ion: 91 Resp: 1333225

Ion Ratio Lower Upper

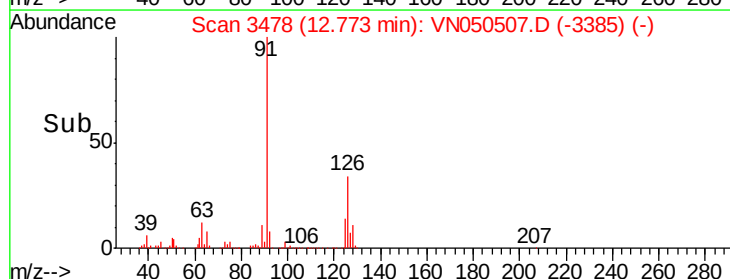
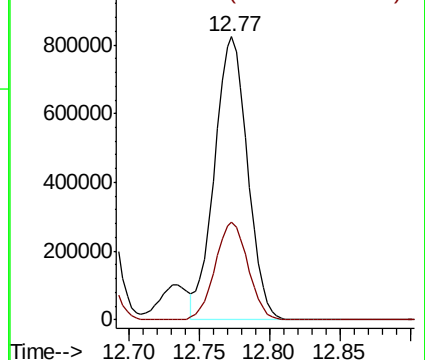
91 100

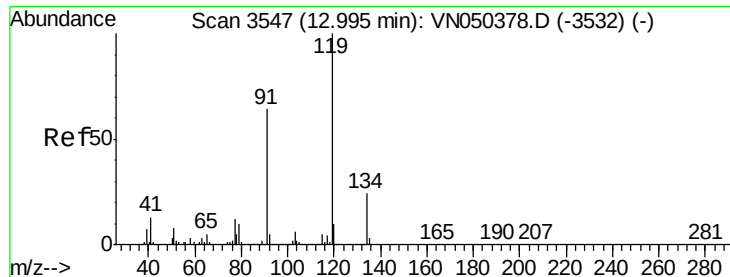
126 34.5 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VN050507.D (-3478) (-)

Ion 125.90 (125.60 to 126.60): VN050507.D (-3478) (-)



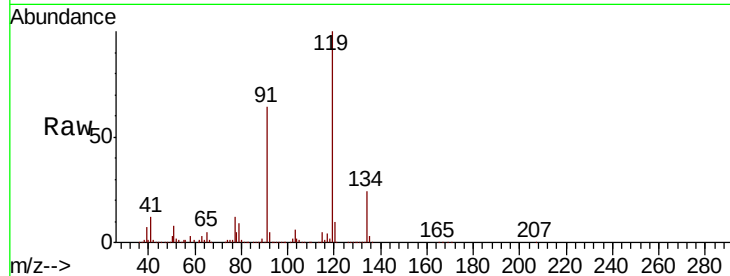


#83
 tert-Butylbenzene
 Concen: 52.06 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN050507.D
 Acq: 10 Aug 2018 10:36

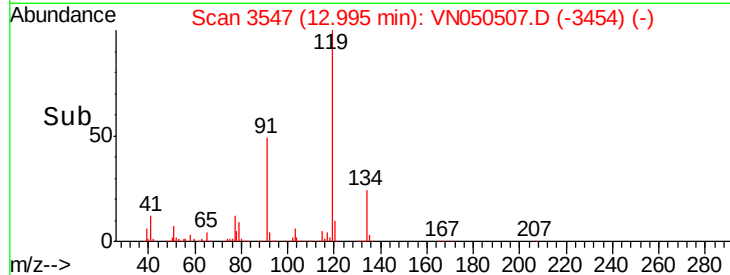
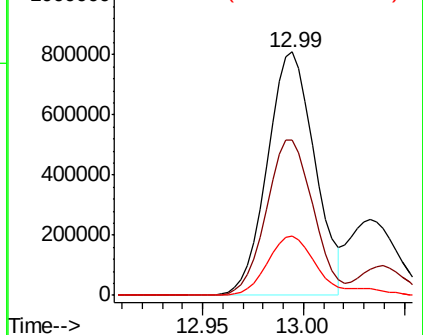
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.3	32.1	96.3
134	24.6	13.2	39.5

Manual Integrations
 APPROVED

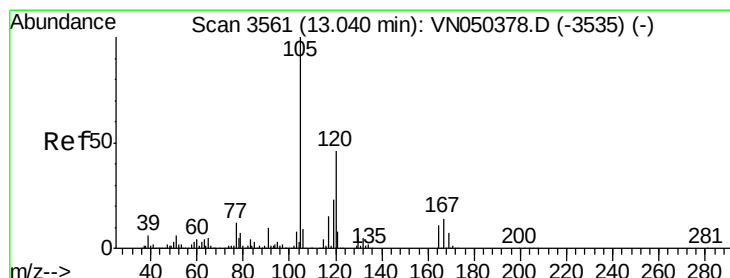


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VN
 Ion 134.00 (133.70 to 134.70): V



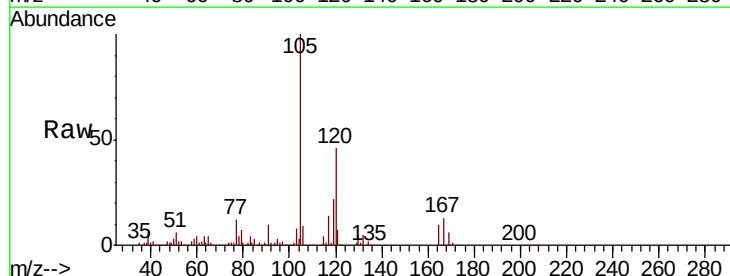
MMDadoda

8/13/2018 11:05:27 AM

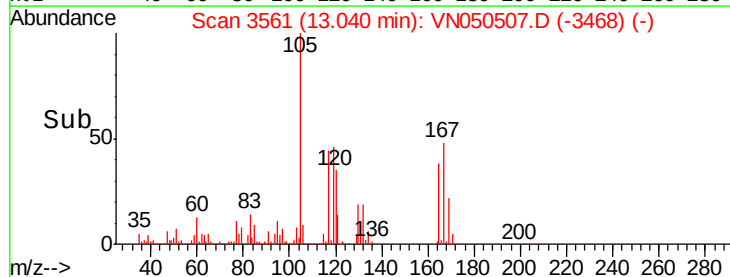
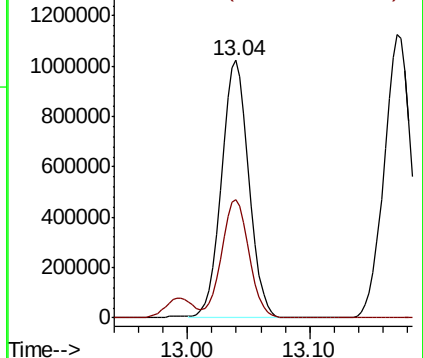


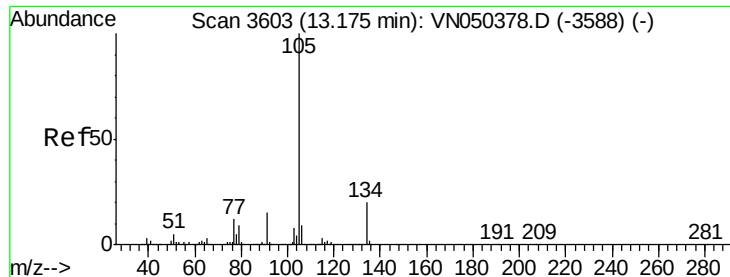
#84
 1,2,4-Trimethylbenzene
 Concen: 54.58 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. -0.00 min
 Lab File: VN050507.D
 Acq: 10 Aug 2018 10:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	22.9	68.7



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 52.18 ug/l

RT: 13.17 min Scan# 3602

Delta R.T. -0.00 min

Lab File: VN050507.D

Acq: 10 Aug 2018 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

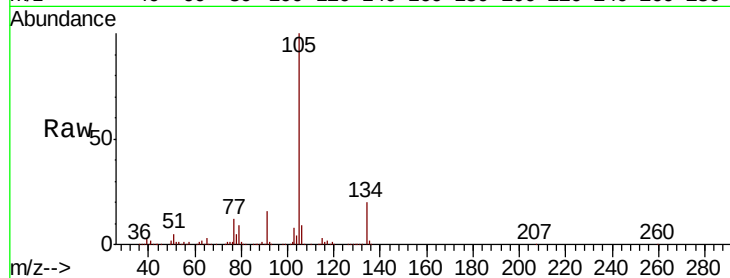
Tot Ion:105 Resp: 1763376

Ion Ratio Lower Upper

105 100

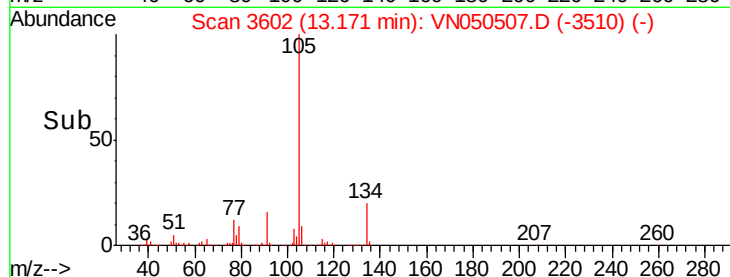
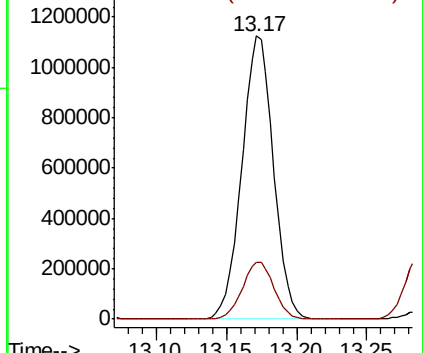
134 20.2 10.1 30.1

Manual Integrations
APPROVED



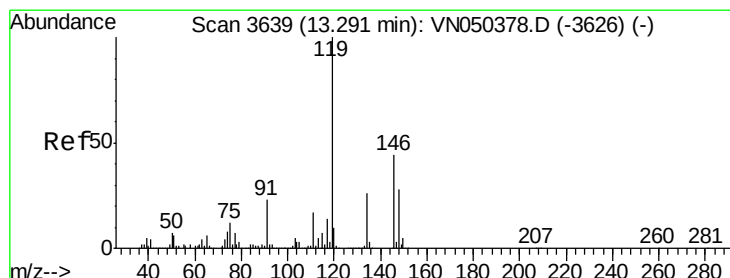
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



MMDadoda

8/13/2018 11:05:27 AM



#86

p-Isopropyltoluene

Concen: 54.05 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN050507.D

Acq: 10 Aug 2018 10:36

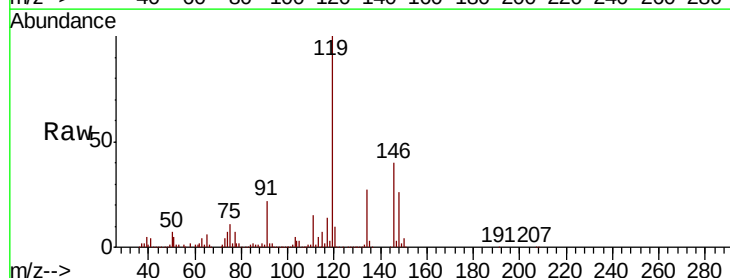
Tgt Ion:119 Resp: 1565337

Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.8

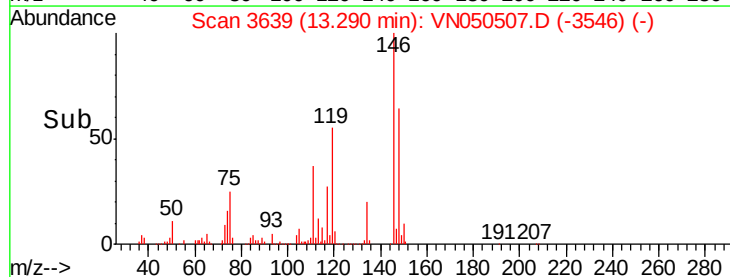
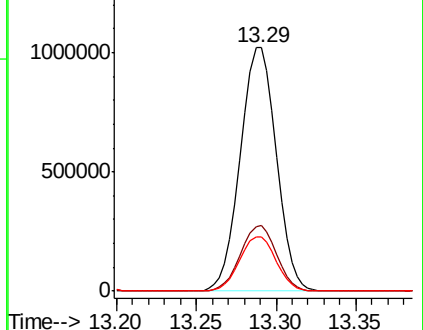
91 22.4 11.4 34.2

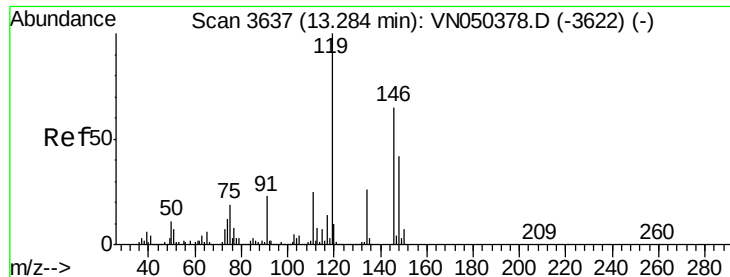


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



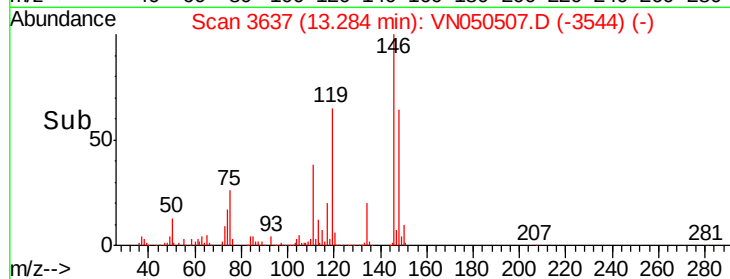
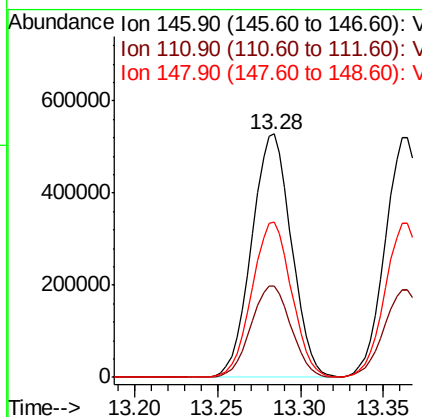
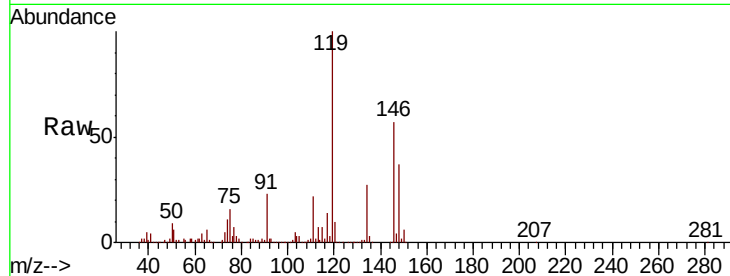


#87
 1,3-Dichlorobenzene
 Concen: 51.48 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. -0.00 min
 Lab File: VN050507.D
 Acq: 10 Aug 2018 10:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

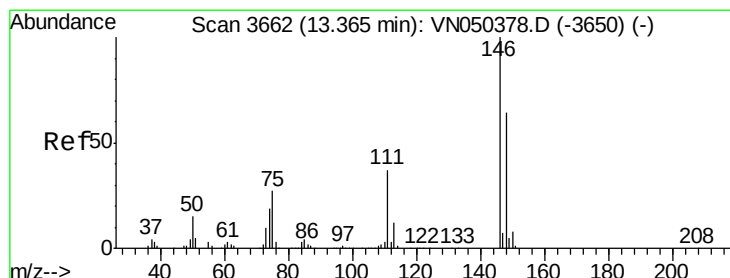
Tot Ion	Ratio	Resp	Lower	Upper
146	100	879362		
111	37.8	18.8	56.4	
148	63.5	31.9	95.9	

Manual Integrations
 APPROVED



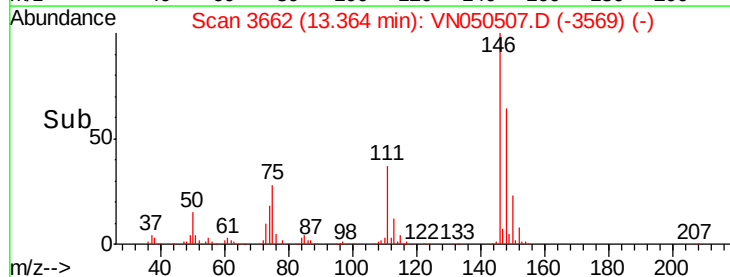
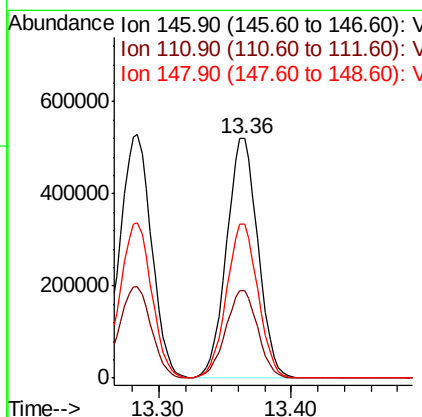
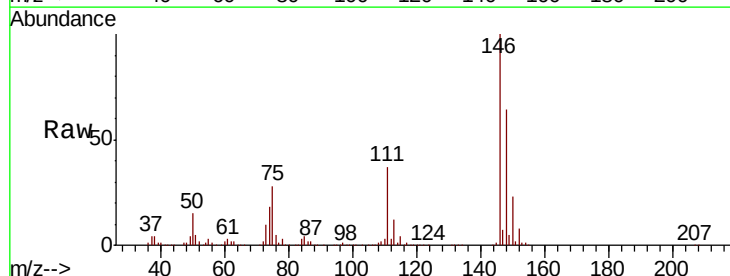
MMDadoda

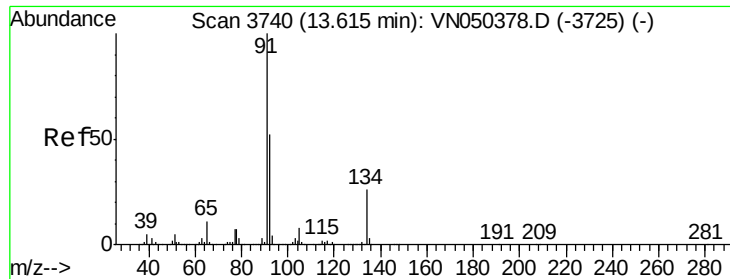
8/13/2018 11:05:27 AM



#88
 1,4-Dichlorobenzene
 Concen: 50.10 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. -0.00 min
 Lab File: VN050507.D
 Acq: 10 Aug 2018 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	854596		
111	37.3	18.3	54.9	
148	64.5	31.9	95.9	



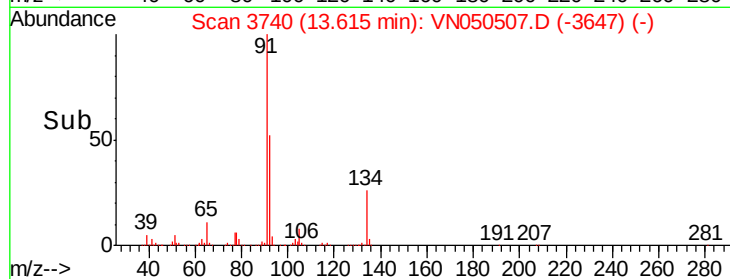
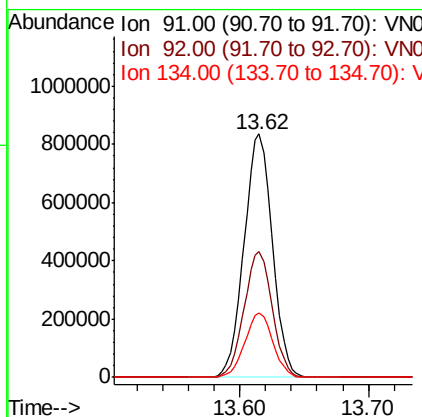
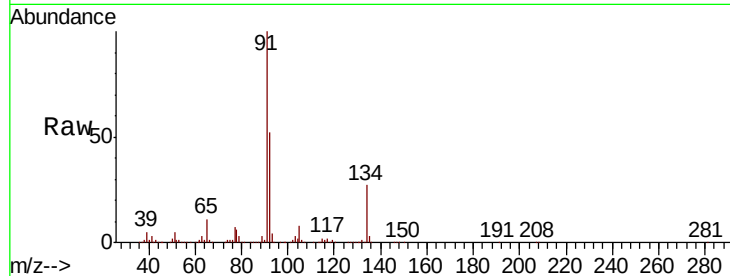


#89
n-Butylbenzene
Concen: 51.73 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN050507.D
Acq: 10 Aug 2018 10:36

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

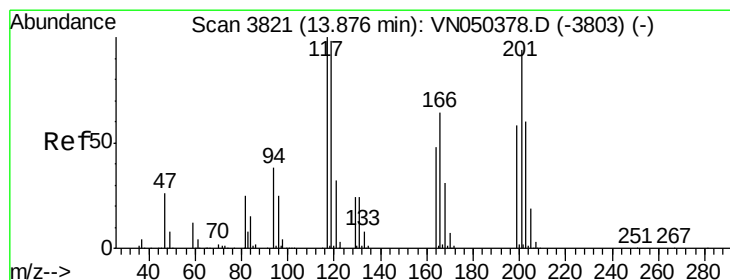
Tot Ion	Ratio	Lower	Upper
91	100		
92	51.4	25.8	77.4
134	26.4	12.8	38.4

Manual Integrations
APPROVED



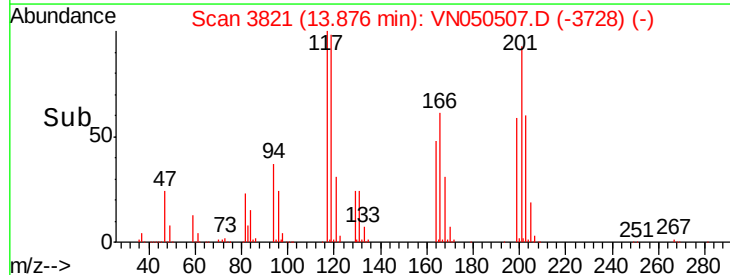
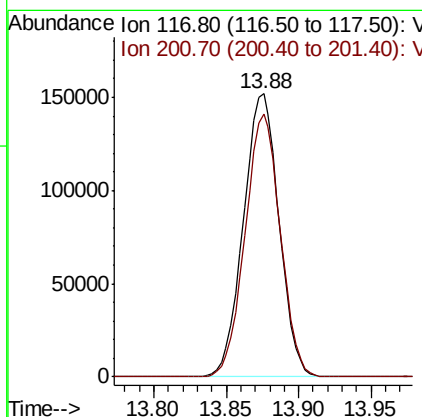
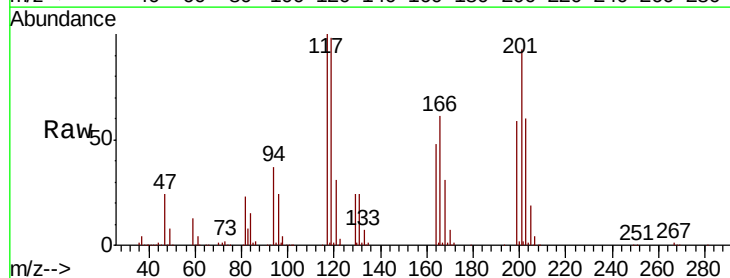
MMDadoda

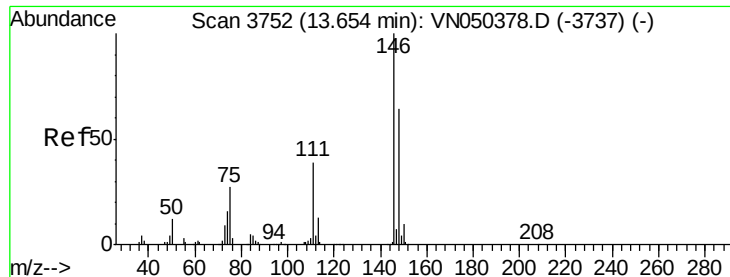
8/13/2018 11:05:27 AM



#90
Hexachloroethane
Concen: 50.50 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. -0.00 min
Lab File: VN050507.D
Acq: 10 Aug 2018 10:36

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.6	45.6	136.8



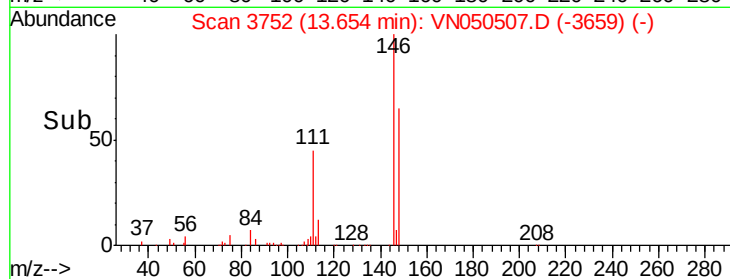
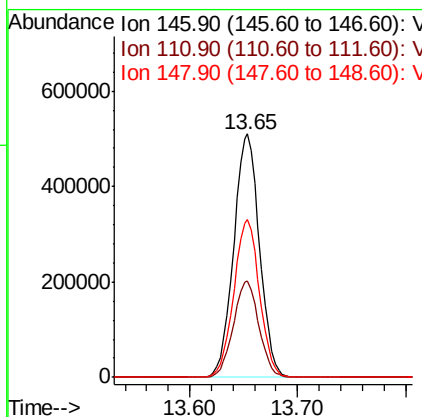
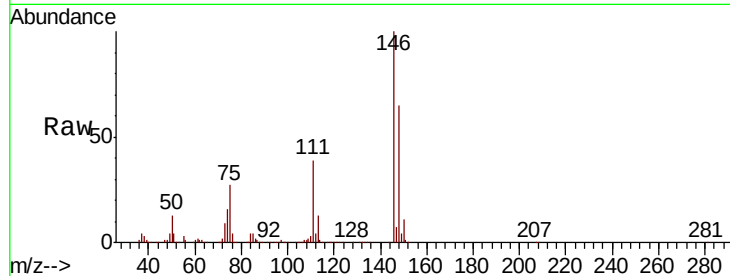


#91
 1,2-Dichlorobenzene
 Concen: 49.58 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. -0.00 min
 Lab File: VN050507.D
 Acq: 10 Aug 2018 10:36

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

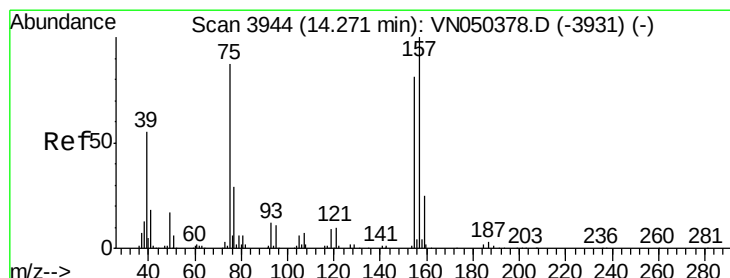
Tot Ion:	146	Resp:	848969
Ion Ratio		Lower	Upper
146	100		
111	39.2	19.6	58.7
148	64.5	32.1	96.3

Manual Integrations
 APPROVED



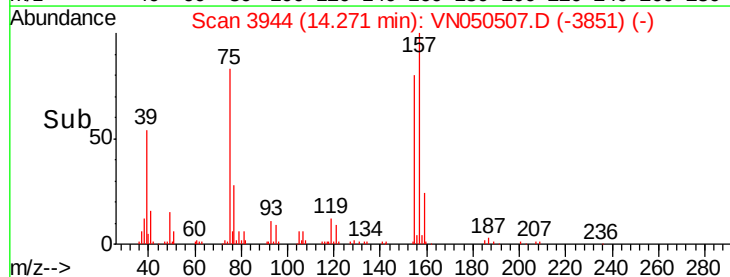
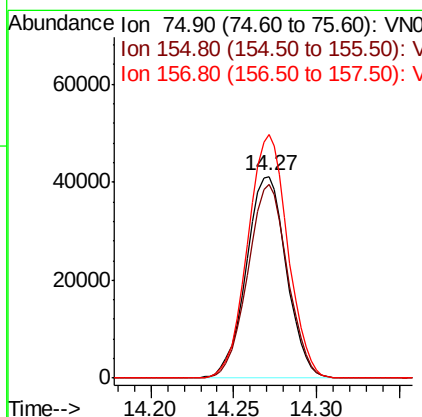
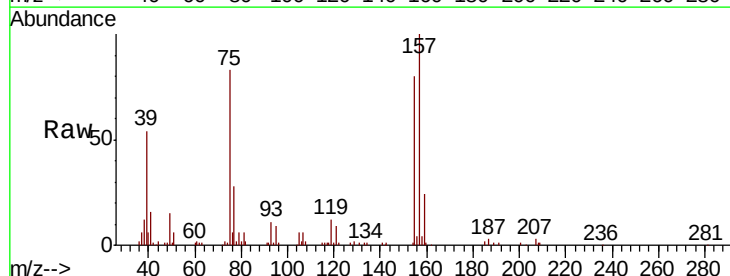
MMDadoda

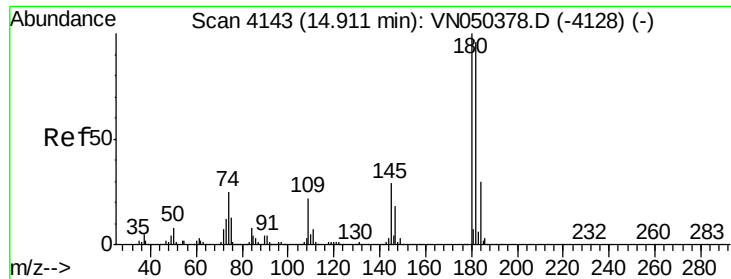
8/13/2018 11:05:27 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 39.53 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. -0.00 min
 Lab File: VN050507.D
 Acq: 10 Aug 2018 10:36

Tgt Ion:	75	Resp:	69320
Ion Ratio		Lower	Upper
75	100		
155	94.9	44.8	134.4
157	120.3	57.2	171.6



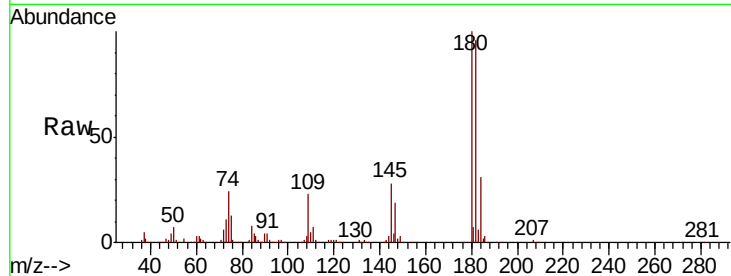


#93
1,2,4-Trichlorobenzene
Concen: 50.67 ug/l
RT: 14.91 min Scan# 4143
Delta R.T. -0.00 min
Lab File: VN050507.D
Acq: 10 Aug 2018 10:36

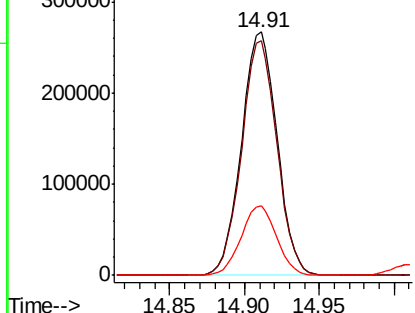
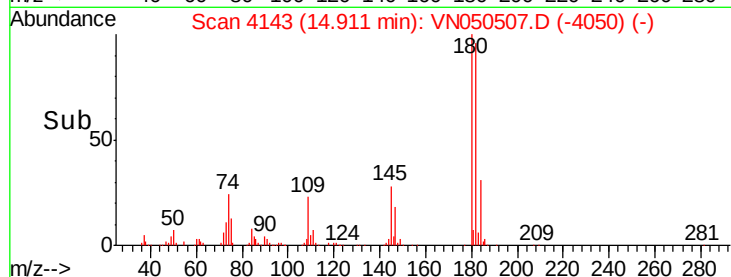
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	46.7	140.1
145	28.4	13.8	41.4

Manual Integrations
APPROVED

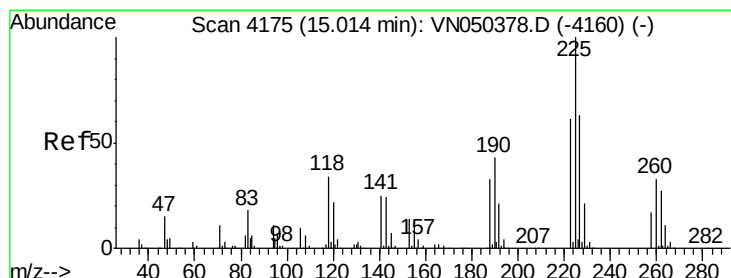


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



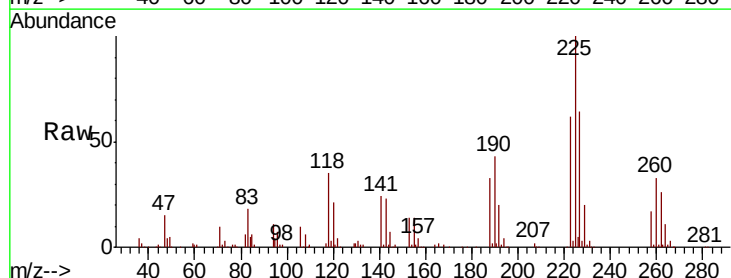
MMDadoda

8/13/2018 11:05:27 AM

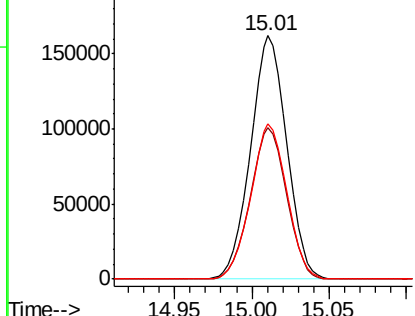
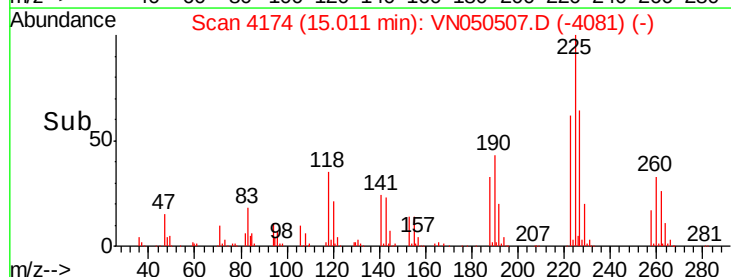


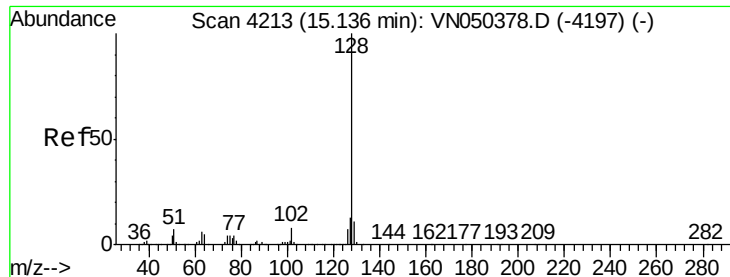
#94
Hexachlorobutadiene
Concen: 55.57 ug/l
RT: 15.01 min Scan# 4174
Delta R.T. -0.00 min
Lab File: VN050507.D
Acq: 10 Aug 2018 10:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.4	94.2
227	63.6	32.1	96.5



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 41.55 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050507.D

Acq: 10 Aug 2018 10:36

Instrument :

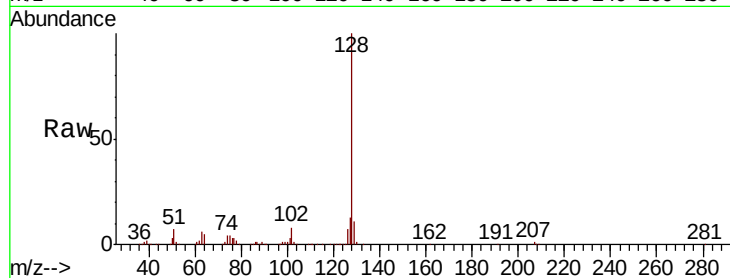
MSVOA_N

ClientSampled :

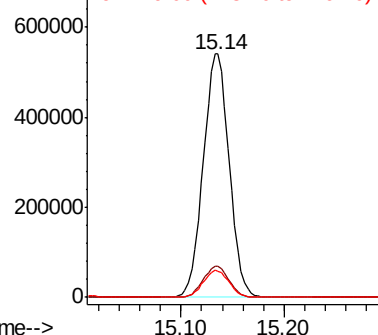
VSTDCCC050

Tot Ion:	128	Resp:	944277
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.4	15.6
129	11.0	8.8	13.2

Manual Integrations
APPROVED

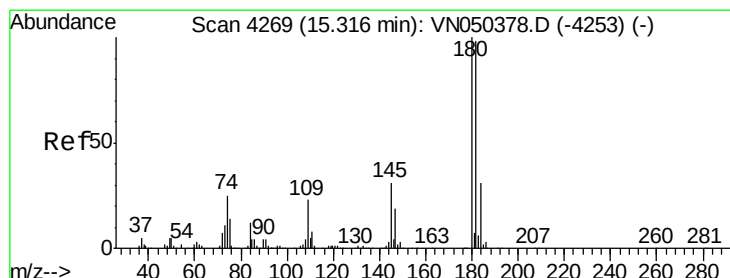
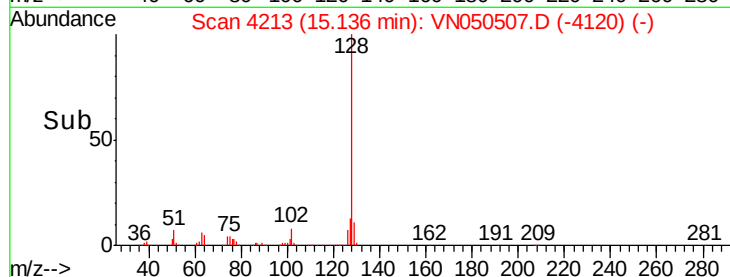


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



MMDadoda

8/13/2018 11:05:27 AM



#96

1,2,3-Trichlorobenzene

Concen: 48.43 ug/l

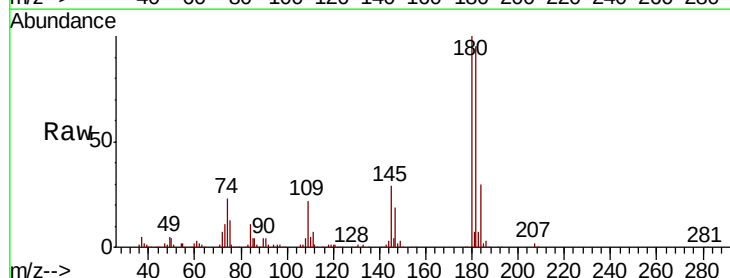
RT: 15.32 min Scan# 4269

Delta R.T. -0.00 min

Lab File: VN050507.D

Acq: 10 Aug 2018 10:36

Tgt Ion:	180	Resp:	427065
Ion Ratio	Lower	Upper	
180	100		
182	95.3	48.1	144.4
145	29.9	15.3	45.9



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

