

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110918\
 Data File : VN052227.D
 Acq On : 9 Nov 2018 14:59
 Operator : MD\SY
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 11/12/2018 9:18:41 AM

Quant Time: Nov 12 00:06:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
 Quant Title : SW846 8260
 QLast Update : Sun Nov 11 23:43:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	278251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	473157	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	418980	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	192833	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	184978	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
35) Dibromofluoromethane	7.59	113	150952	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
50) Toluene-d8	10.09	98	588948	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
62) 4-Bromofluorobenzene	12.40	95	191770	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.85	85	148893	49.220	ug/l	100
3) Chloromethane	2.06	50	203085	48.086	ug/l	100
4) Vinyl Chloride	2.19	62	171159	48.641	ug/l	100
5) Bromomethane	2.57	94	103757	46.474	ug/l	100
6) Chloroethane	2.71	64	95551	45.727	ug/l	100
7) Trichlorofluoromethane	3.02	101	231101	47.179	ug/l	100
8) Diethyl Ether	3.41	74	90373	46.898	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	144990	45.961	ug/l	100
10) Methyl Iodide	3.96	142	202457	49.651	ug/l	100
11) Tert butyl alcohol	4.78	59	53582	281.949	ug/l	100
12) 1,1-Dichloroethene	3.74	96	137392	47.230	ug/l	100
13) Acrolein	3.61	56	66141	251.684	ug/l	100
14) Allyl chloride	4.33	41	290370	47.677	ug/l	100
15) Acrylonitrile	4.99	53	305689	254.979	ug/l	100
16) Acetone	3.81	43	248421	212.792	ug/l	100
17) Carbon Disulfide	4.06	76	404263	47.907	ug/l	100
18) Methyl Acetate	4.33	43	152269	50.759	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	404834	48.711	ug/l	100
20) Methylene Chloride	4.56	84	163330	50.682	ug/l	100
21) trans-1,2-Dichloroethene	5.04	96	150188	47.505	ug/l	100
22) Diisopropyl ether	5.95	45	589119	48.017	ug/l	100
23) Vinyl Acetate	5.90	43	2118643	252.897	ug/l	100
24) 1,1-Dichloroethane	5.85	63	302498	46.910	ug/l	100
25) 2-Butanone	6.84	43	390119	240.321	ug/l	100
26) 2,2-Dichloropropane	6.83	77	221590	47.048	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	171929	48.582	ug/l	100
28) Bromochloromethane	7.20	49	157304	49.367	ug/l	100
29) Tetrahydrofuran	7.21	42	258577	247.831	ug/l	100
30) Chloroform	7.37	83	289771	47.481	ug/l	100
31) Cyclohexane	7.66	56	290456	38.807	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	240075	48.262	ug/l	100
36) 1,1-Dichloropropene	7.79	75	230519	48.268	ug/l	100
37) Ethyl Acetate	6.93	43	172960	49.084	ug/l	100
38) Carbon Tetrachloride	7.78	117	211667	48.907	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110918\
 Data File : VN052227.D
 Acq On : 9 Nov 2018 14:59
 Operator : MD\SY
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 11/12/2018 9:18:41 AM

Quant Time: Nov 12 00:06:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
 Quant Title : SW846 8260
 QLast Update : Sun Nov 11 23:43:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	269076	49.396	ug/l	100
40) Benzene	8.04	78	662698	48.465	ug/l	100
41) Methacrylonitrile	7.18	41	96442	51.882	ug/l	100
42) 1,2-Dichloroethane	8.13	62	224586	46.813	ug/l	100
43) Isopropyl Acetate	8.16	43	309203	49.385	ug/l	100
44) Trichloroethene	8.84	130	164833	48.106	ug/l	100
45) 1,2-Dichloropropane	9.12	63	185059	48.445	ug/l	100
46) Dibromomethane	9.21	93	106048	48.331	ug/l	100
47) Bromodichloromethane	9.40	83	218820	48.133	ug/l	100
48) Methyl methacrylate	9.20	41	160992	48.801	ug/l	100
49) 1,4-Dioxane	9.20	88	29972	1130.184	ug/l	100
51) 4-Methyl-2-Pentanone	9.99	43	864151	249.921	ug/l	100
52) Toluene	10.16	92	401350	48.658	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	227911	50.803	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	263919	49.835	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	143905	48.269	ug/l	100
56) Ethyl methacrylate	10.43	69	201486	50.005	ug/l	100
57) 1,3-Dichloropropane	10.71	76	255644	47.901	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	579222	259.615	ug/l	100
59) 2-Hexanone	10.75	43	600588	247.430	ug/l	100
60) Dibromochloromethane	10.90	129	154965	51.244	ug/l	100
61) 1,2-Dibromoethane	11.01	107	143190	48.870	ug/l	100
64) Tetrachloroethene	10.63	164	142301	48.510	ug/l	100
65) Chlorobenzene	11.43	112	427584	48.163	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	149902	49.847	ug/l	100
67) Ethyl Benzene	11.51	91	769828	49.299	ug/l	100
68) m/p-Xylenes	11.62	106	574058	98.713	ug/l	100
69) o-Xylene	11.95	106	281599	50.684	ug/l	100
70) Styrene	11.96	104	458442	51.072	ug/l	100
71) Bromoform	12.13	173	93993	52.392	ug/l #	100
73) Isopropylbenzene	12.25	105	750588	47.616	ug/l	100
74) N-amyl acetate	12.07	43	287215	50.188	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	179352	46.411	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	163954m	52.997	ug/l	
77) Bromobenzene	12.53	156	174114	47.187	ug/l	100
78) n-propylbenzene	12.59	91	886792	48.033	ug/l	100
79) 2-Chlorotoluene	12.67	91	505440	47.257	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	605576	48.306	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	52558	52.585	ug/l	100
82) 4-Chlorotoluene	12.77	91	512912	47.794	ug/l	100
83) tert-Butylbenzene	12.99	119	522096	47.703	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	613841	48.564	ug/l	100
85) sec-Butylbenzene	13.17	105	736361	49.061	ug/l	100
86) p-Isopropyltoluene	13.29	119	619313	49.323	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	315553	49.126	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	308025	47.900	ug/l	100
89) n-Butylbenzene	13.61	91	564814	50.517	ug/l	100
90) Hexachloroethane	13.87	117	105957	48.077	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	301527	48.100	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	28277	51.469	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110918\
Data File : VN052227.D
Acq On : 9 Nov 2018 14:59
Operator : MD\SY
Sample : VSTDICCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

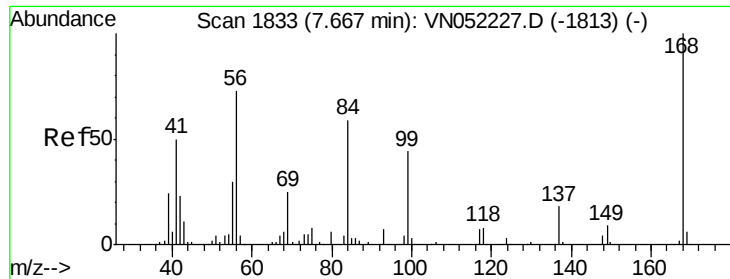
Manual Integrations
APPROVED

MMDadoda
11/12/2018 9:18:41 AM

Quant Time: Nov 12 00:06:43 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
Quant Title : SW846 8260
QLast Update : Sun Nov 11 23:43:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	136147	54.924	ug/l	100
94) Hexachlorobutadiene	15.01	225	65039	48.285	ug/l	100
95) Naphthalene	15.13	128	341080	55.829	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	122642	52.330	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052227.D

Acq: 9 Nov 2018 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 278251

Ion Ratio Lower Upper

168 100

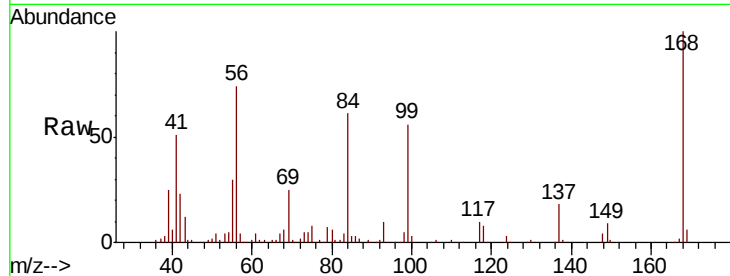
99 55.9 44.7 67.1

Manual Integrations

APPROVED

MMDadoda

11/12/2018 9:18:41 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

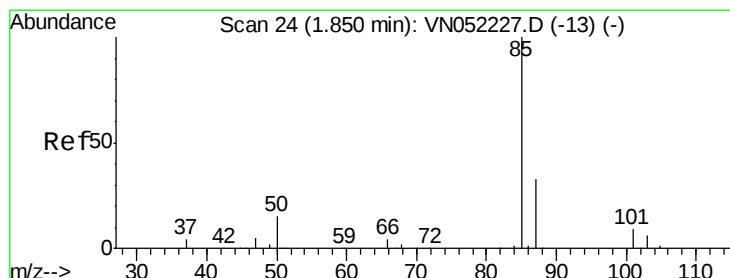
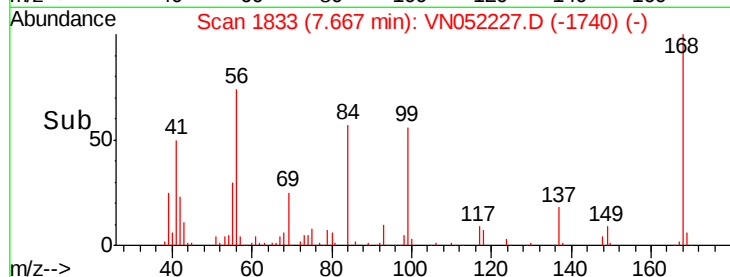
7.67

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.220 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN052227.D

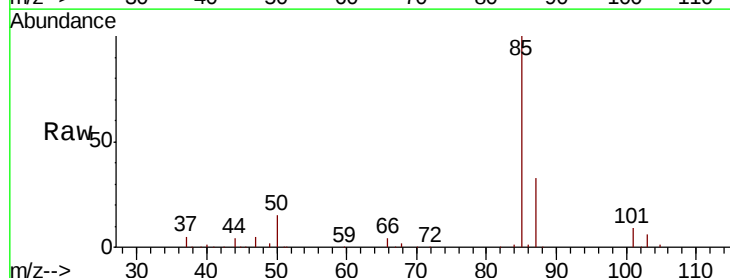
Acq: 9 Nov 2018 14:59

Tgt Ion: 85 Resp: 148893

Ion Ratio Lower Upper

85 100

87 33.3 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

120000

100000

80000

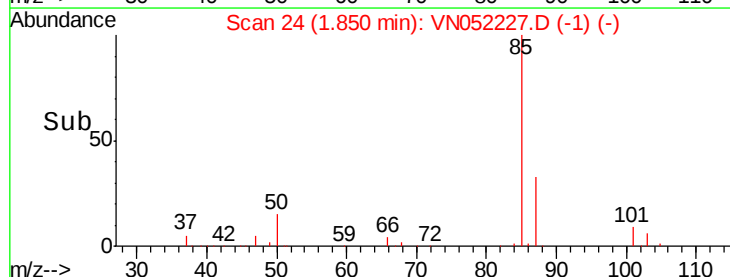
60000

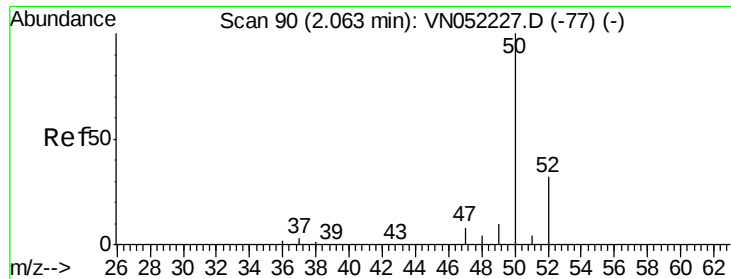
40000

20000

0

Time-->





#3

Chloromethane

Concen: 48.086 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN052227.D

Acq: 9 Nov 2018 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 203085

Ion Ratio Lower Upper

50 100

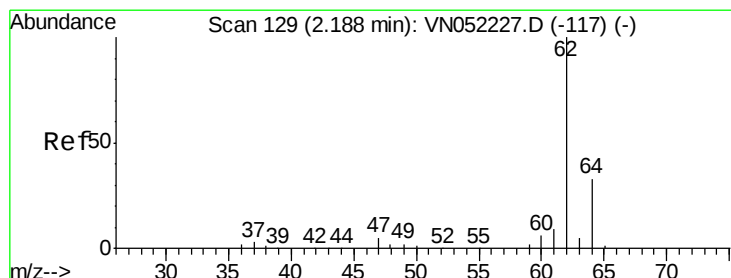
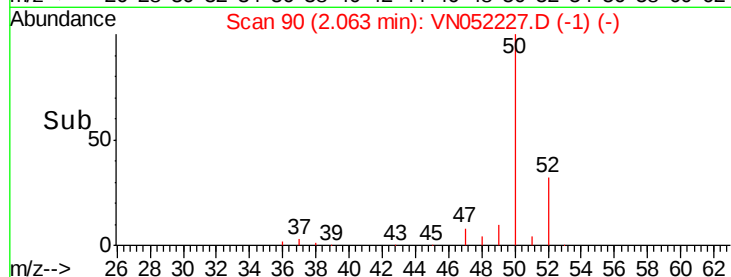
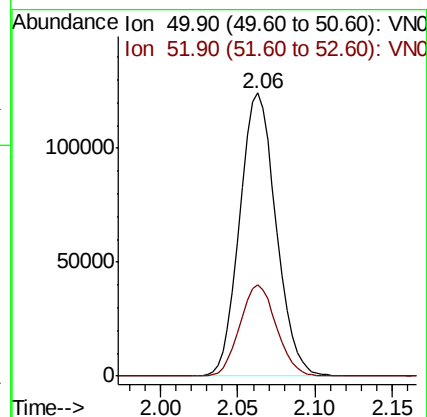
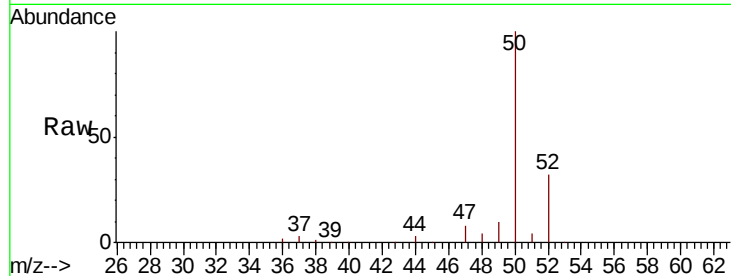
52 32.1 25.7 38.5

Manual Integrations

APPROVED

MMDadoda

11/12/2018 9:18:41 AM



#4

Vinyl Chloride

Concen: 48.641 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN052227.D

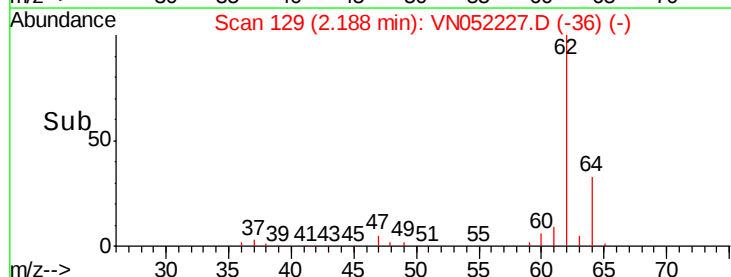
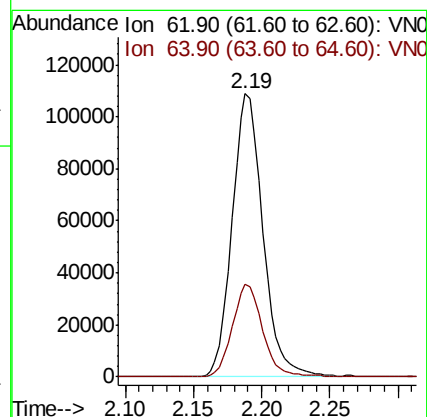
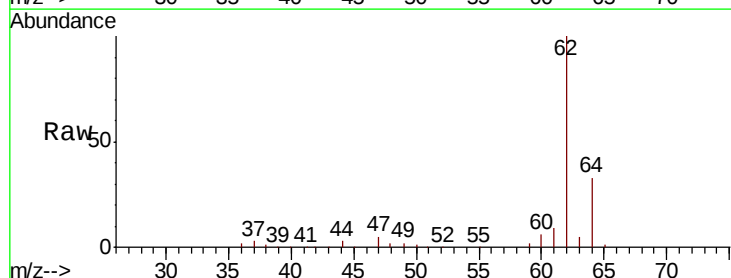
Acq: 9 Nov 2018 14:59

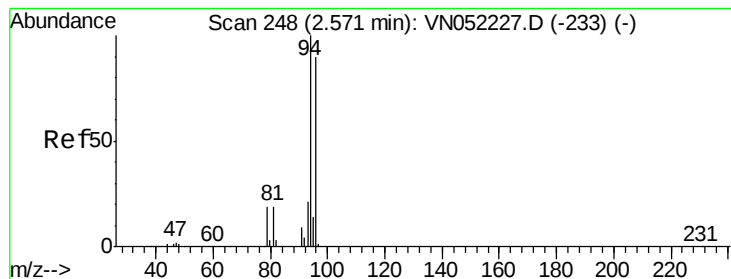
Tgt Ion: 62 Resp: 171159

Ion Ratio Lower Upper

62 100

64 32.6 26.1 39.1





#5

Bromomethane

Concen: 46.474 ug/l

RT: 2.57 min Scan# 248

Delta R.T. 0.00 min

Lab File: VN052227.D

Acq: 9 Nov 2018 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 103757

Ion Ratio Lower Upper

94 100

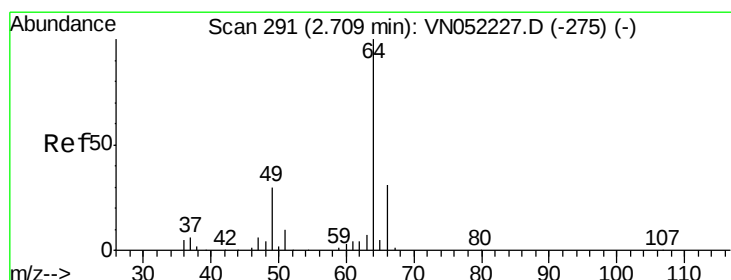
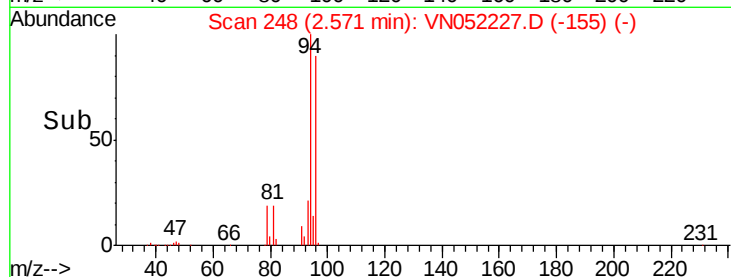
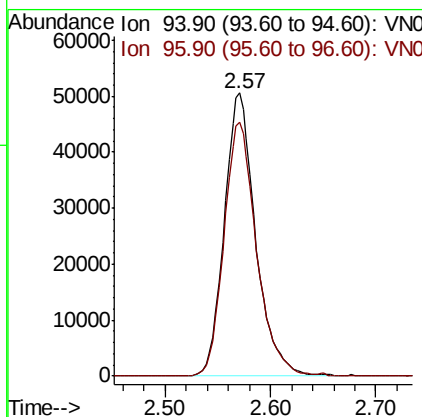
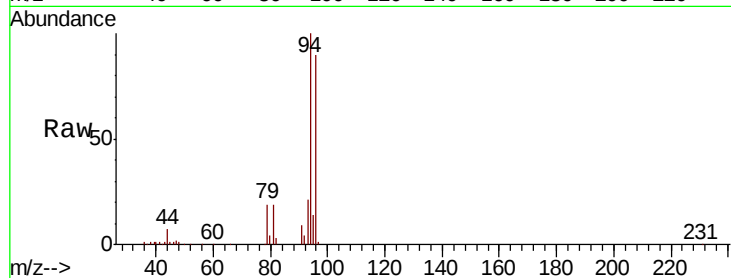
96 89.8 71.8 107.8

Manual Integrations

APPROVED

MMDadoda

11/12/2018 9:18:41 AM



#6

Chloroethane

Concen: 45.727 ug/l

RT: 2.71 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN052227.D

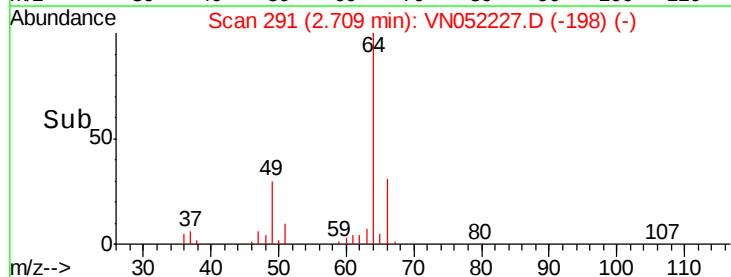
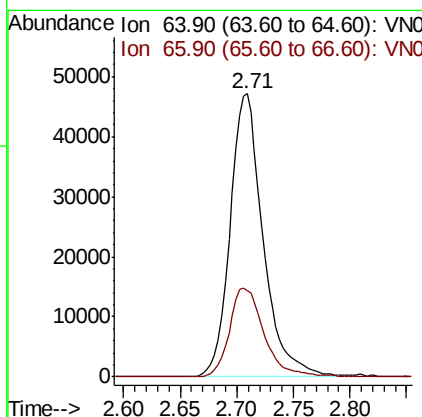
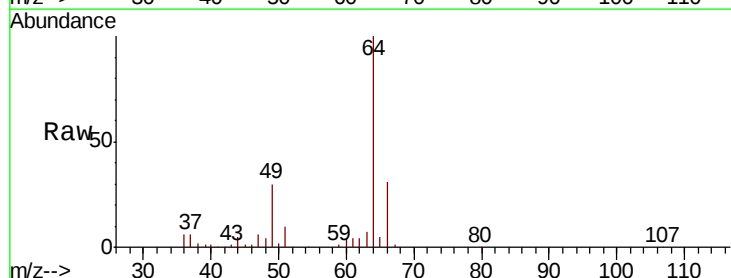
Acq: 9 Nov 2018 14:59

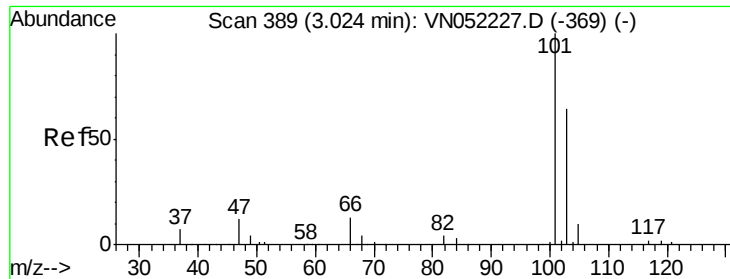
Tgt Ion: 64 Resp: 95551

Ion Ratio Lower Upper

64 100

66 30.7 24.6 36.8





#7

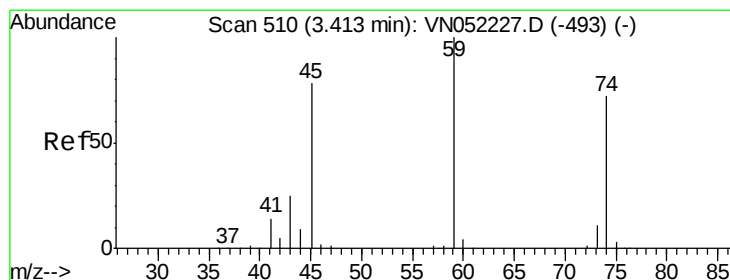
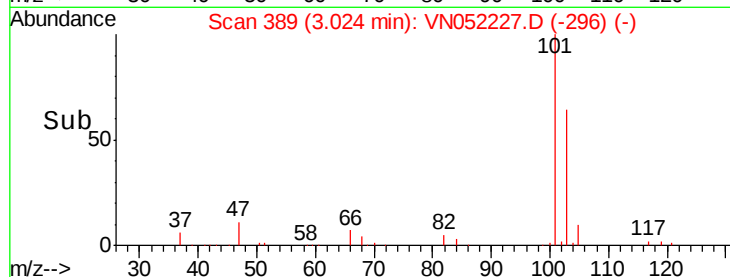
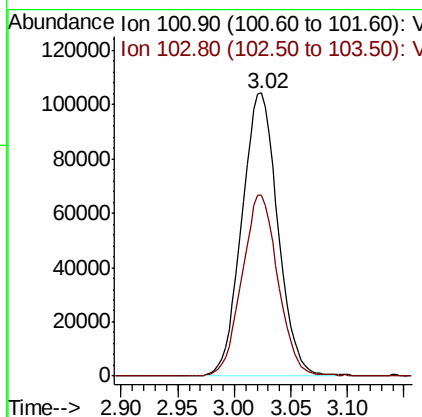
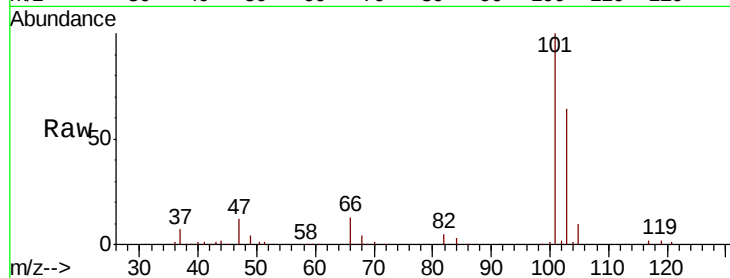
Trichlorofluoromethane
Concen: 47.179 ug/l
RT: 3.02 min Scan# 389
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	51.2	76.8

Manual Integrations
APPROVED

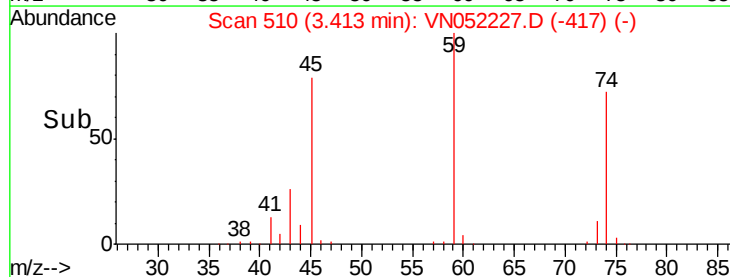
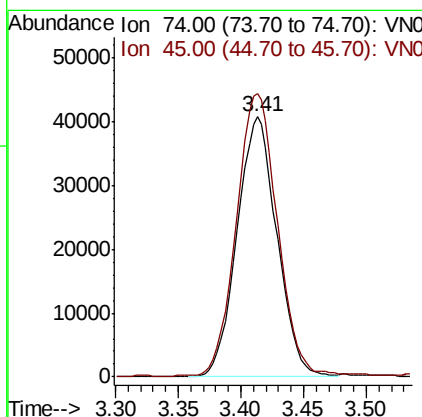
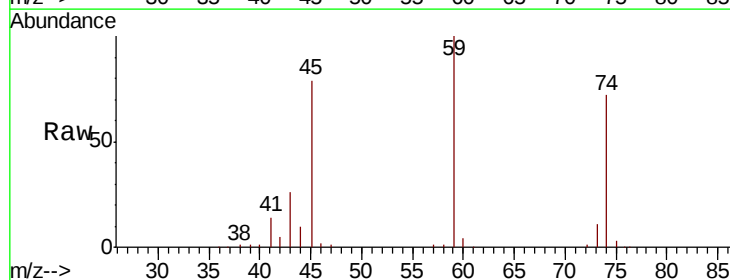
MMDadoda
11/12/2018 9:18:41 AM

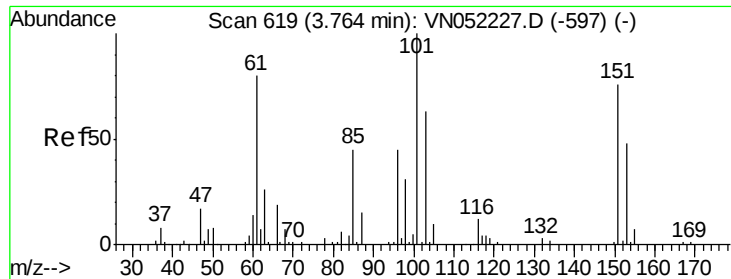


#8

Diethyl Ether
Concen: 46.898 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Tgt Ion	Ratio	Lower	Upper
74	100		
45	111.1	55.5	166.7





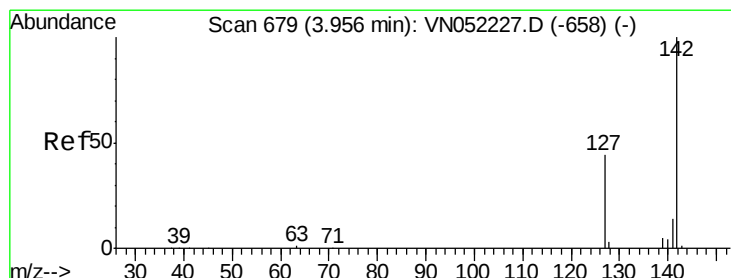
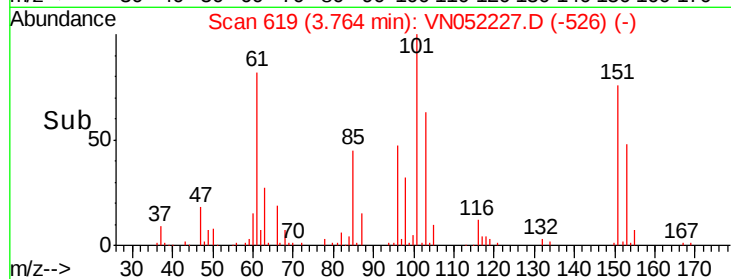
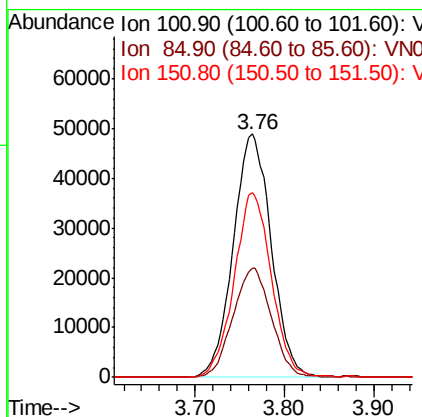
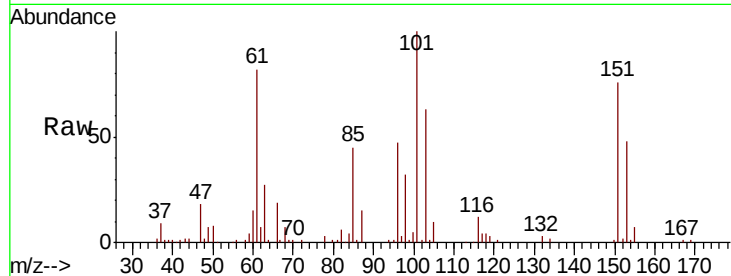
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 45.961 ug/l
 RT: 3.76 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
85	45.3	36.2	54.4
151	74.0	59.2	88.8

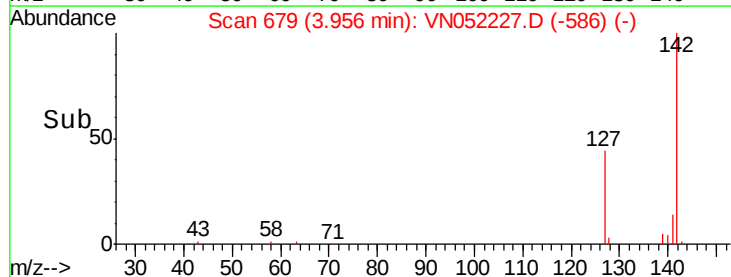
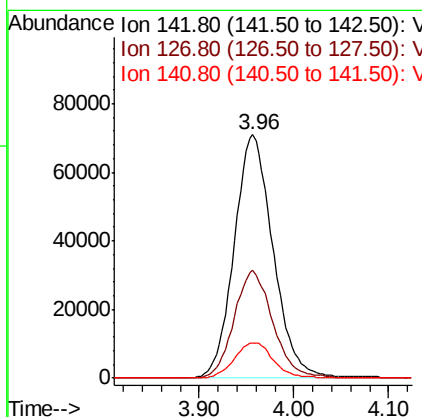
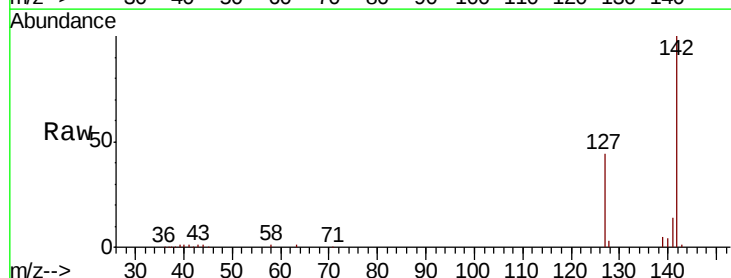
Manual Integrations
 APPROVED

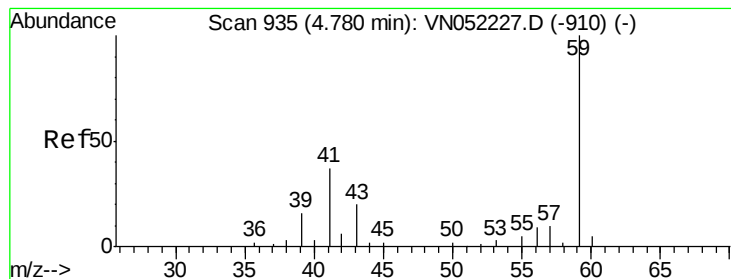
MMDadoda
 11/12/2018 9:18:41 AM



#10
 Methyl Iodide
 Concen: 49.651 ug/l
 RT: 3.96 min Scan# 679
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

Tgt Ion	Ratio	Lower	Upper
142	100		
127	44.1	35.3	52.9
141	14.7	11.8	17.6





#11

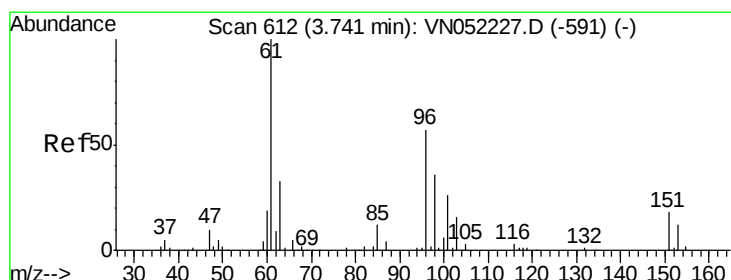
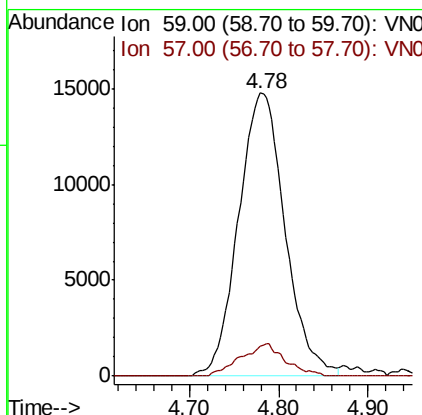
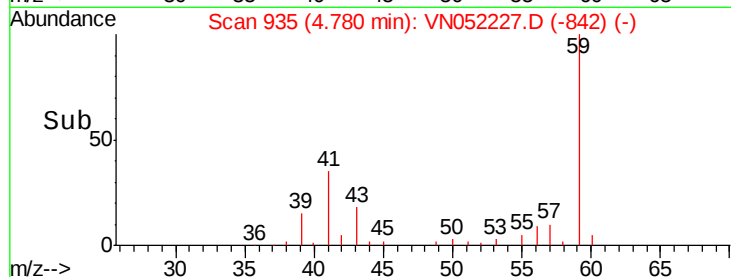
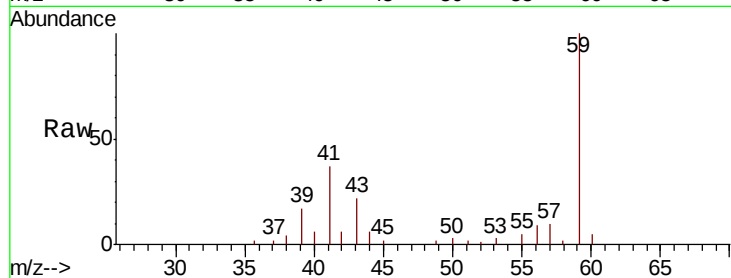
Tert butyl alcohol
 Concen: 281.949 ug/l
 RT: 4.78 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.0	8.8	13.2

Manual Integrations
 APPROVED

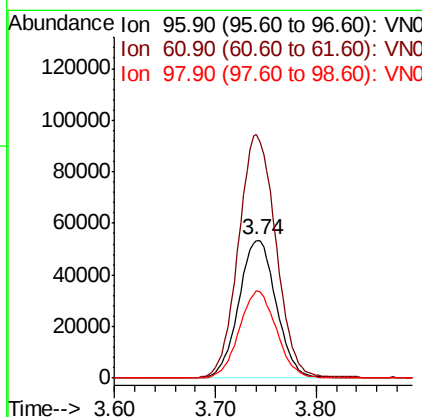
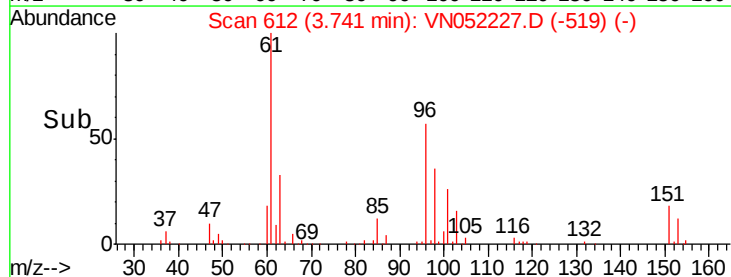
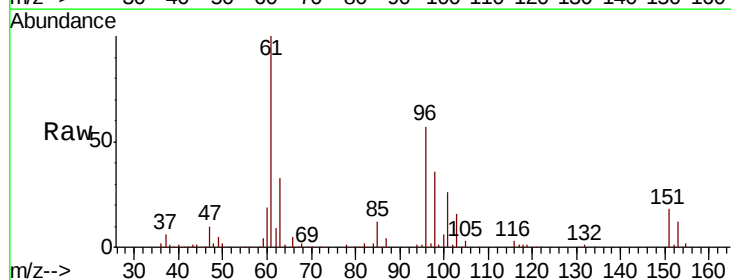
MMDadoda
 11/12/2018 9:18:41 AM

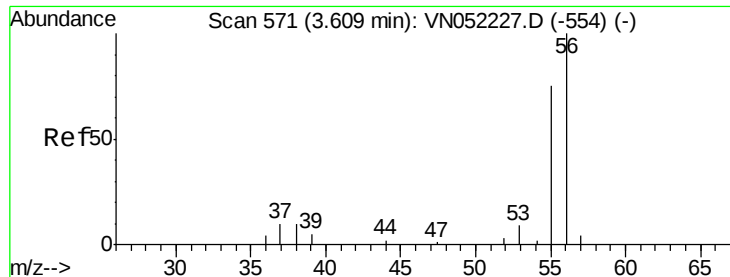


#12

1,1-Dichloroethene
 Concen: 47.230 ug/l
 RT: 3.74 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

Tgt Ion	Ratio	Lower	Upper
96	100		
61	176.4	141.1	211.7
98	62.9	50.3	75.5





#13

Acrolein

Concen: 251.684 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN052227.D

Acq: 9 Nov 2018 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 66141

Ion Ratio Lower Upper

56 100

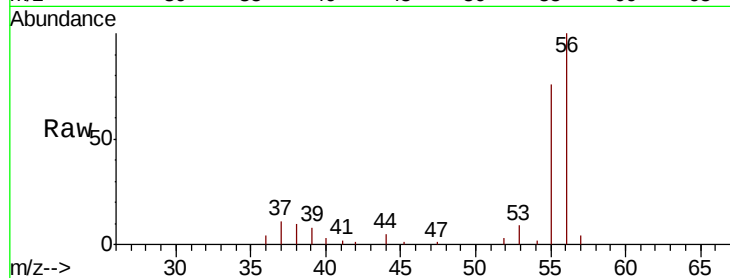
55 74.9 59.9 89.9

Manual Integrations

APPROVED

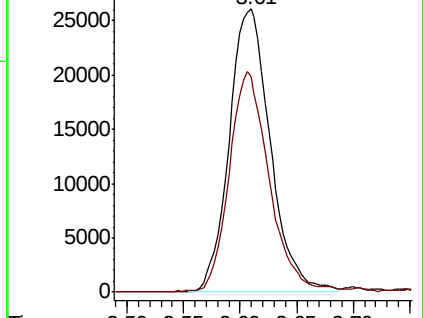
MMDadoda

11/12/2018 9:18:41 AM

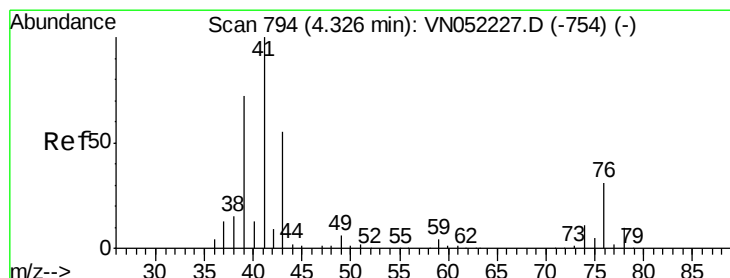
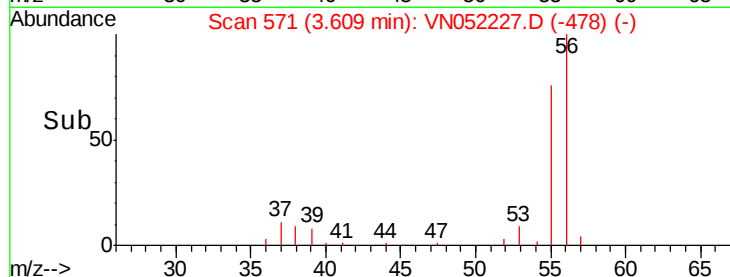


Abundance Ion 56.00 (55.70 to 56.70): VN052227.D (-554) (-)

Ion 55.00 (54.70 to 55.70): VN052227.D (-554) (-)



Time-->



#14

Allyl chloride

Concen: 47.677 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN052227.D

Acq: 9 Nov 2018 14:59

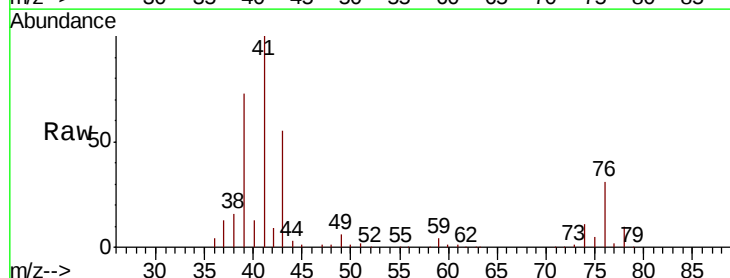
Tgt Ion: 41 Resp: 290370

Ion Ratio Lower Upper

41 100

39 68.9 55.1 82.7

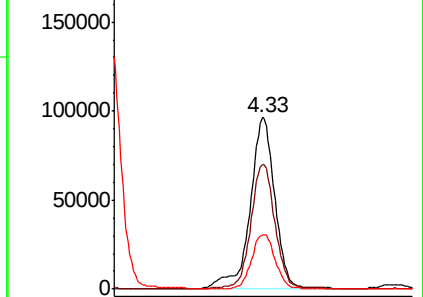
76 29.5 23.6 35.4



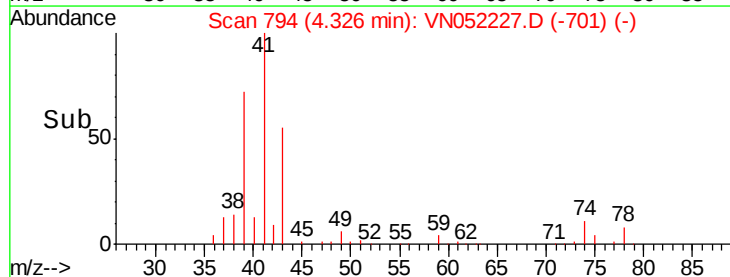
Abundance Ion 41.00 (40.70 to 41.70): VN052227.D (-754) (-)

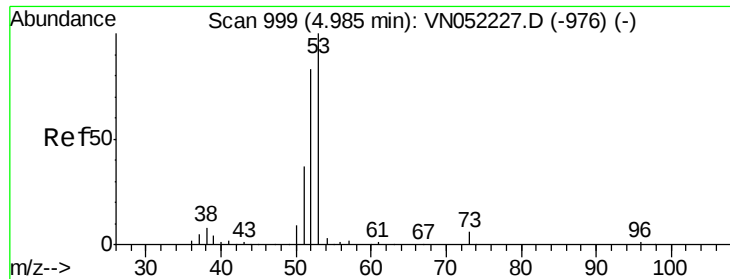
Ion 39.00 (38.70 to 39.70): VN052227.D (-754) (-)

Ion 75.90 (75.60 to 76.60): VN052227.D (-754) (-)



Time-->





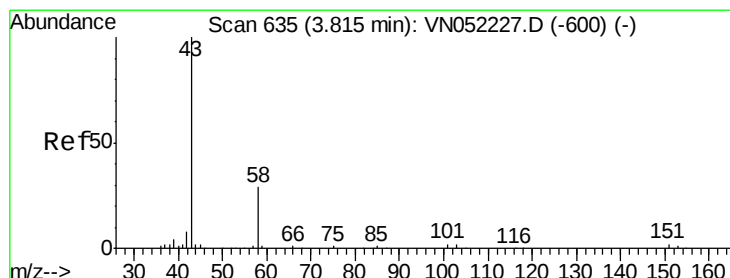
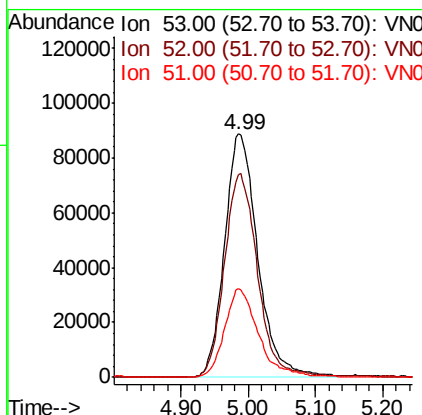
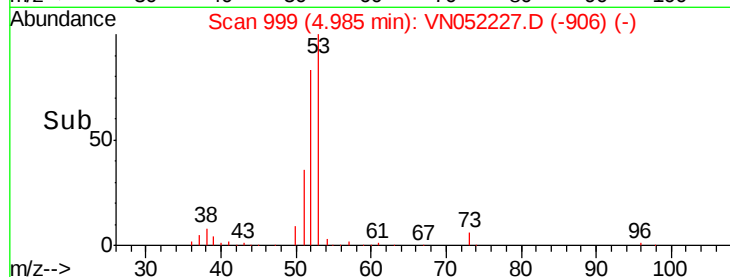
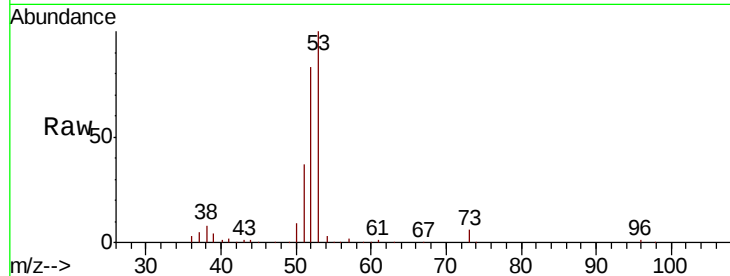
#15
 Acrylonitrile
 Concen: 254.979 ug/l
 RT: 4.99 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.7	100.1
51	36.7	29.4	44.0

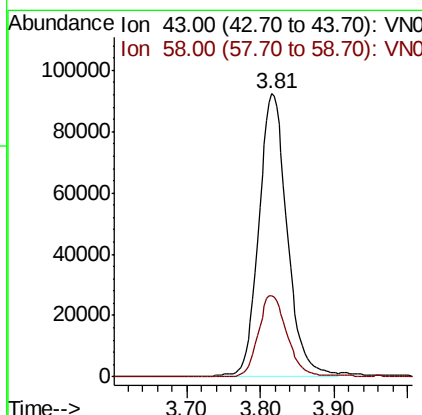
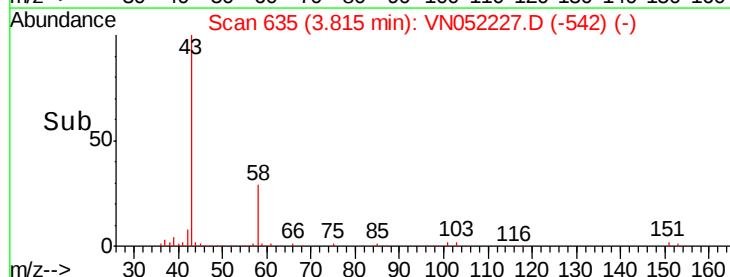
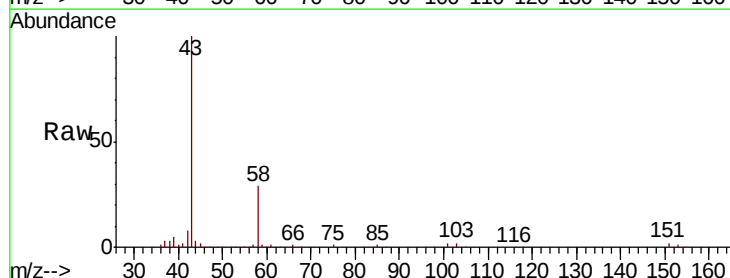
Manual Integrations
 APPROVED

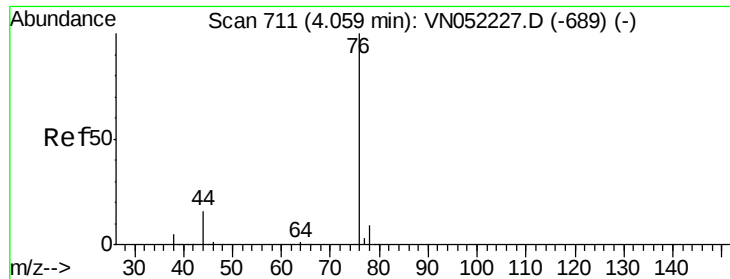
MMDadoda
 11/12/2018 9:18:41 AM



#16
 Acetone
 Concen: 212.792 ug/l
 RT: 3.81 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.8	23.0	34.6





#17

Carbon Disulfide

Concen: 47.907 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN052227.D

Acq: 9 Nov 2018 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 404263

Ion Ratio Lower Upper

76 100

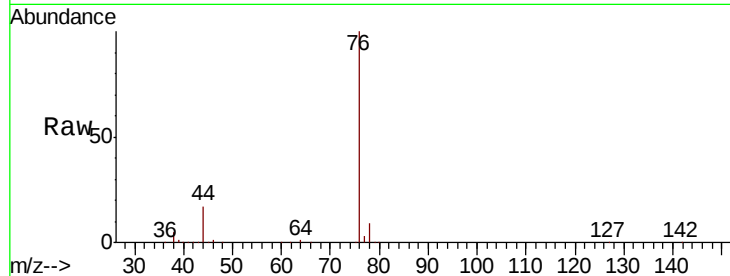
78 9.1 7.3 10.9

Manual Integrations

APPROVED

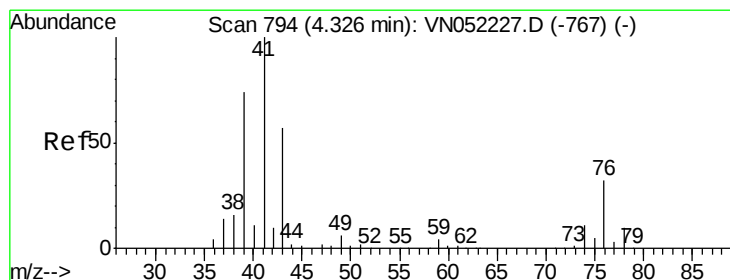
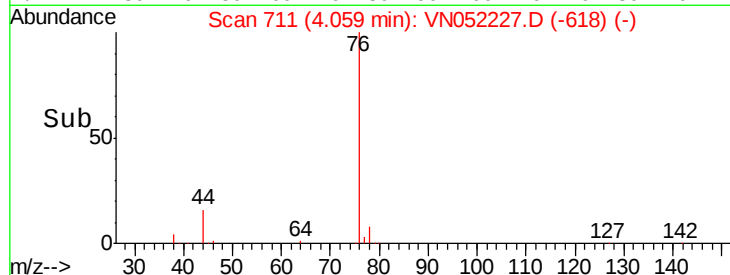
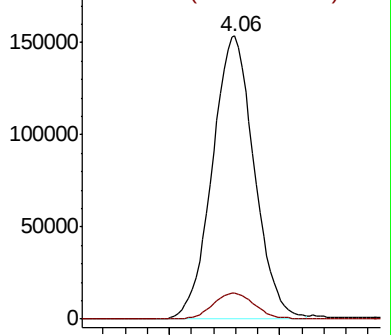
MMDadoda

11/12/2018 9:18:41 AM



Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC



#18

Methyl Acetate

Concen: 50.759 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN052227.D

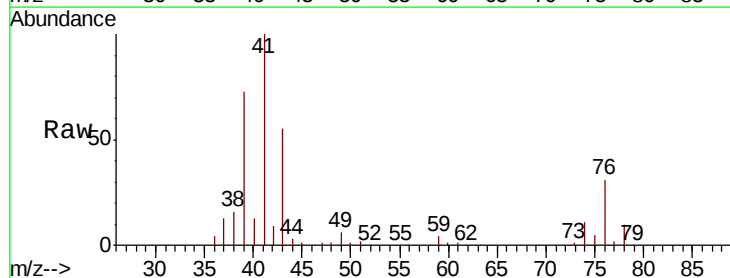
Acq: 9 Nov 2018 14:59

Tgt Ion: 43 Resp: 152269

Ion Ratio Lower Upper

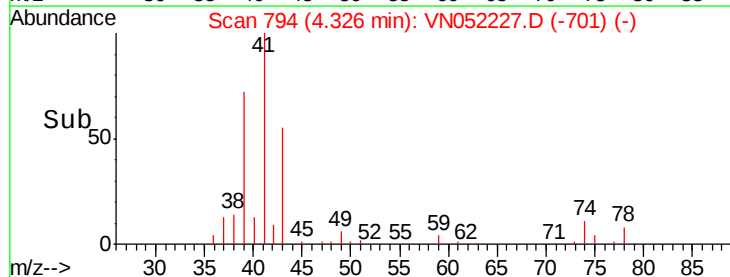
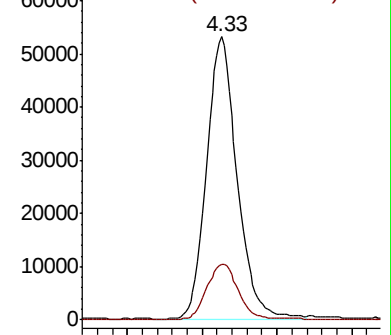
43 100

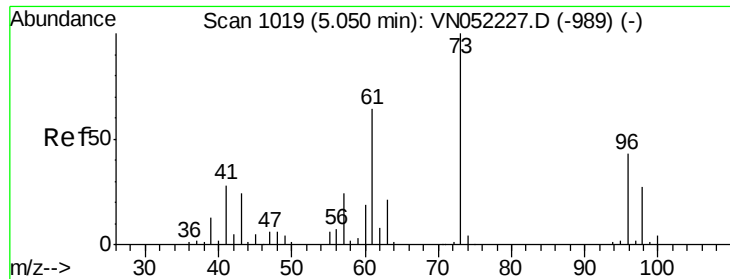
74 20.2 16.2 24.2



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 74.00 (73.70 to 74.70): VNC





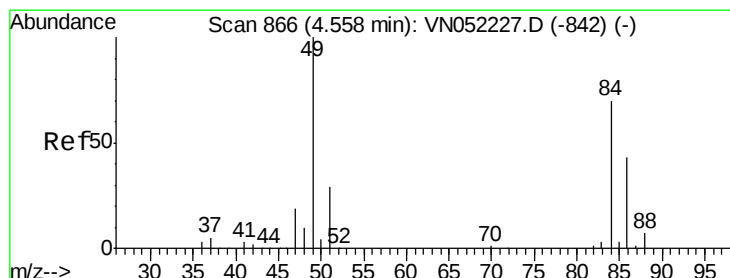
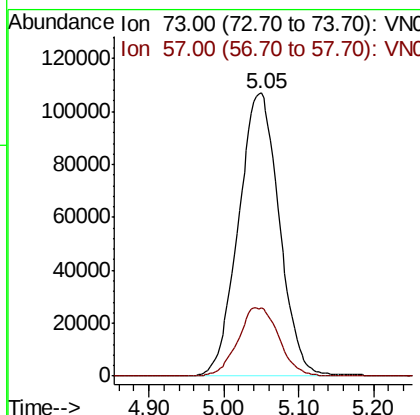
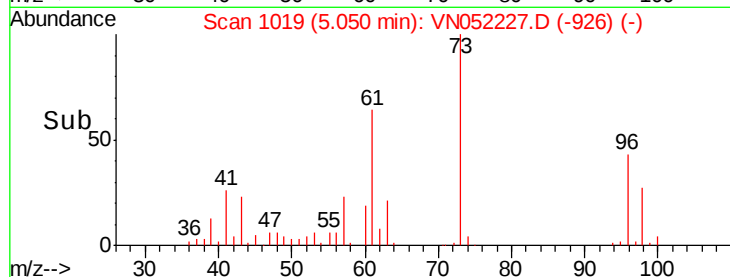
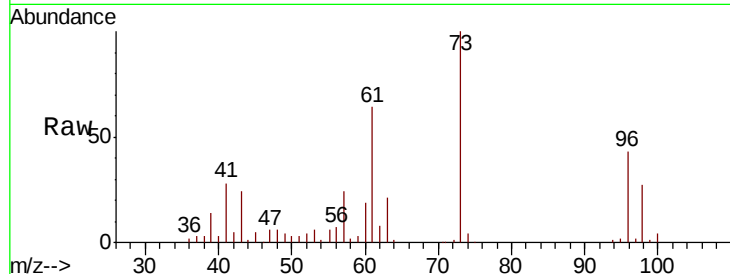
#19
Methvl tert-butvl Ether
Concen: 48.711 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 73 Resp: 404834
Ion Ratio Lower Upper
73 100
57 23.9 19.1 28.7

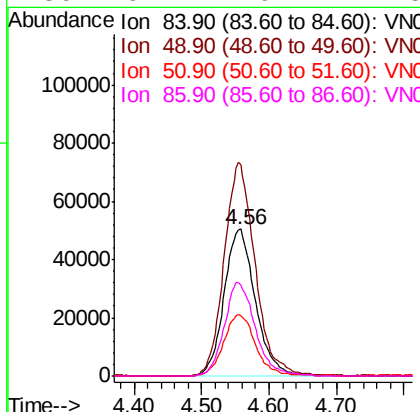
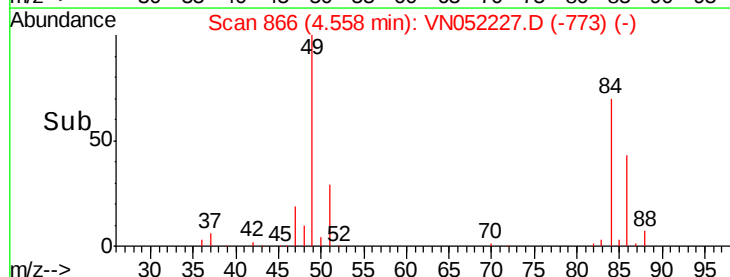
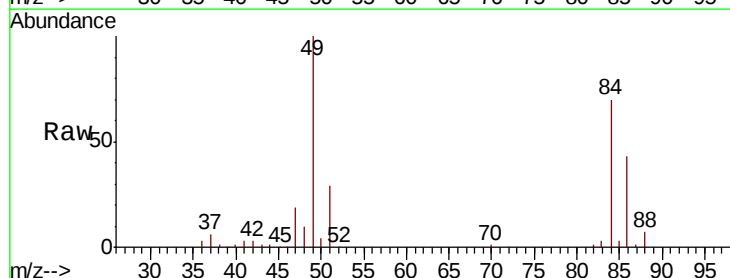
Manual Integrations
APPROVED

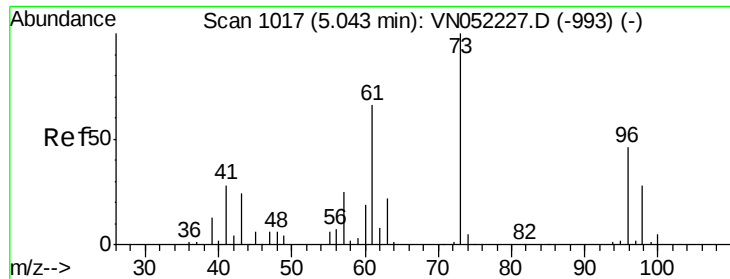
MMDadoda
11/12/2018 9:18:41 AM



#20
Methylene Chloride
Concen: 50.682 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Tgt Ion: 84 Resp: 163330
Ion Ratio Lower Upper
84 100
49 143.5 114.8 172.2
51 41.4 33.1 49.7
86 62.1 49.7 74.5





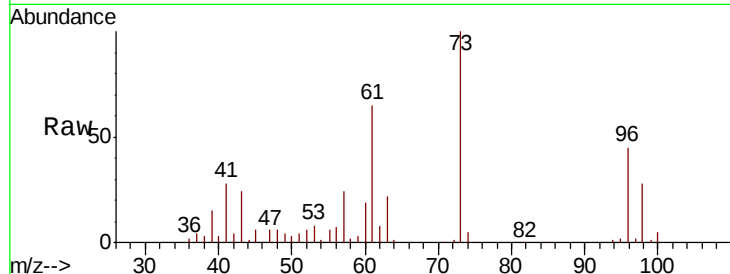
#21
trans-1,2-Dichloroethene
Concen: 47.505 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.1	115.3	172.9
98	61.9	49.5	74.3

Manual Integrations
APPROVED

MMDadoda
11/12/2018 9:18:41 AM

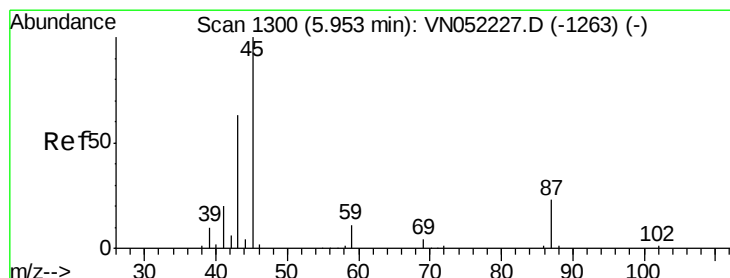
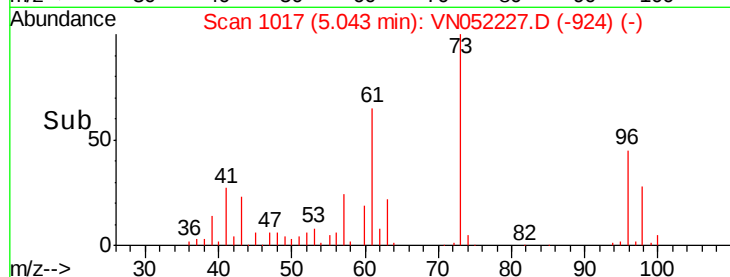
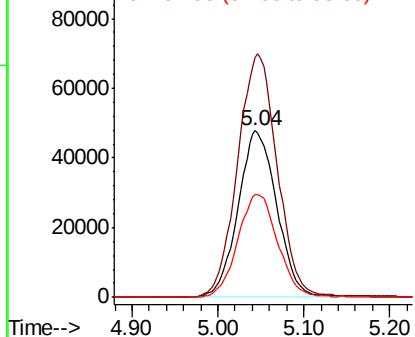


Abundance

Ion 95.90 (95.60 to 96.60): VNC

Ion 60.90 (60.60 to 61.60): VNC

Ion 97.90 (97.60 to 98.60): VNC



#22
Diisopropyl ether
Concen: 48.017 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Tgt Ion	Ratio	Lower	Upper
45	100		
43	63.3	50.6	76.0
87	23.7	19.0	28.4
59	10.8	8.6	13.0

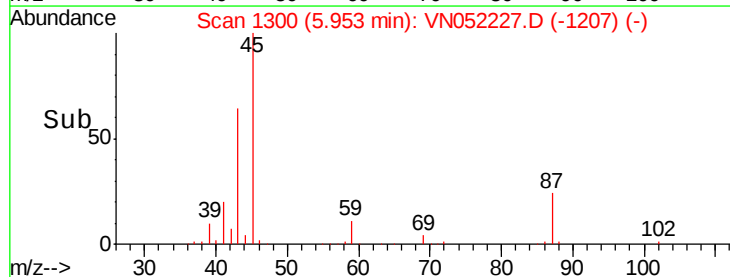
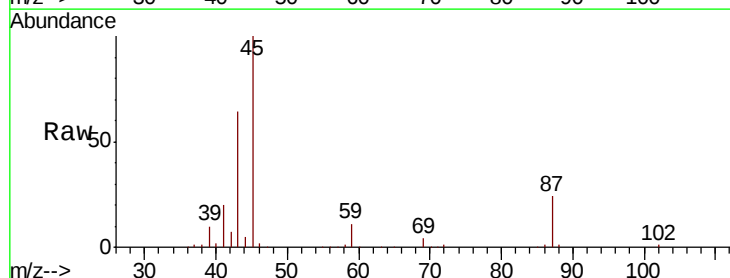
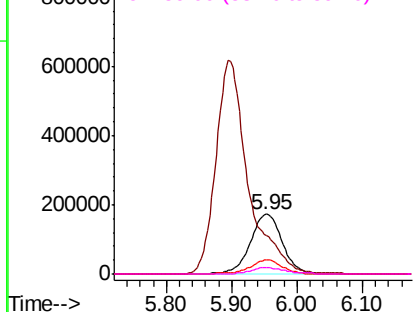
Abundance

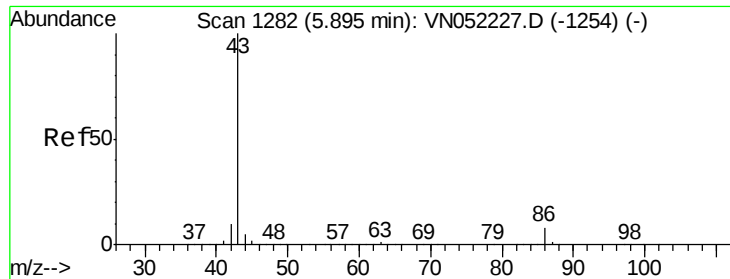
Ion 45.00 (44.70 to 45.70): VNC

Ion 43.00 (42.70 to 43.70): VNC

Ion 87.00 (86.70 to 87.70): VNC

Ion 59.00 (58.70 to 59.70): VNC





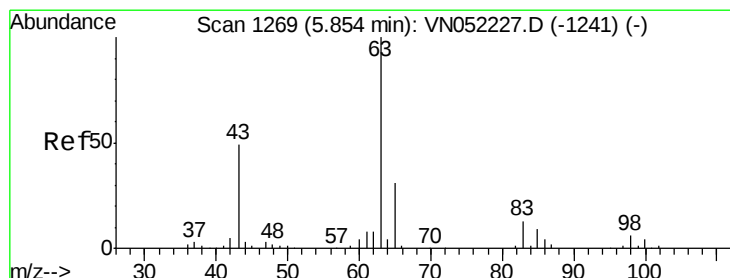
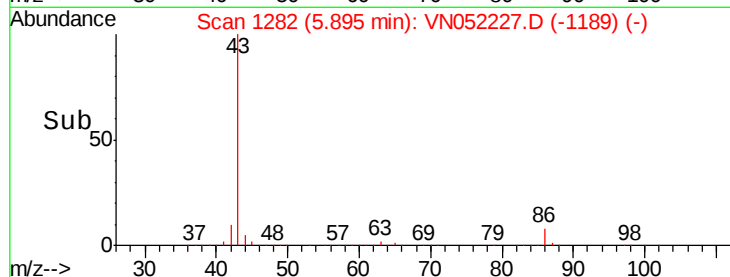
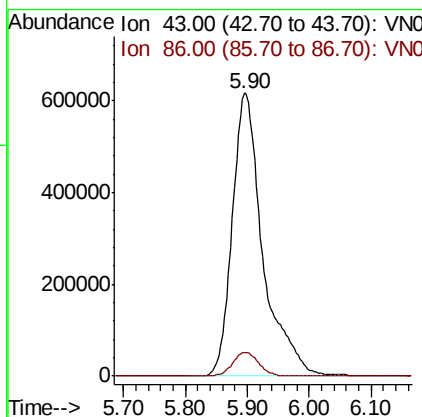
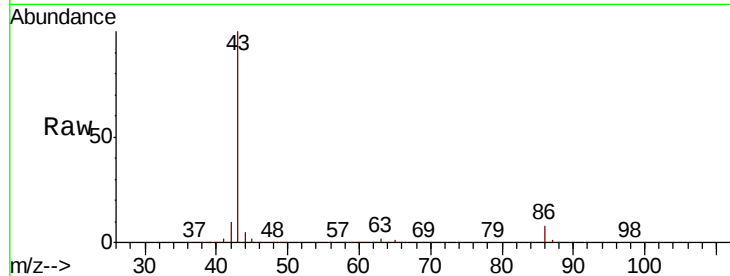
#23
 Vinyl Acetate
 Concen: 252.897 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion: 43 Resp: 2118643
 Ion Ratio Lower Upper
 43 100
 86 8.4 6.7 10.1

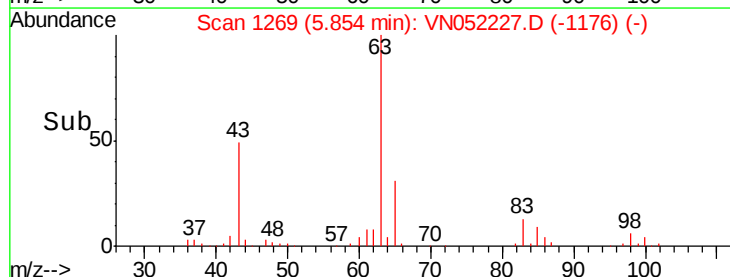
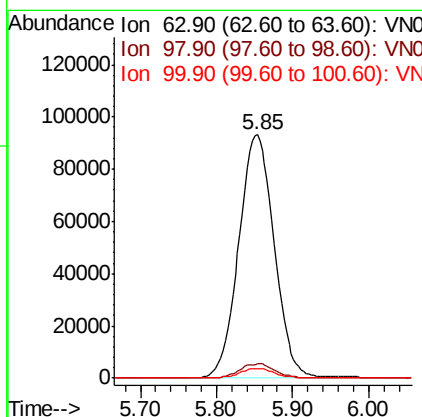
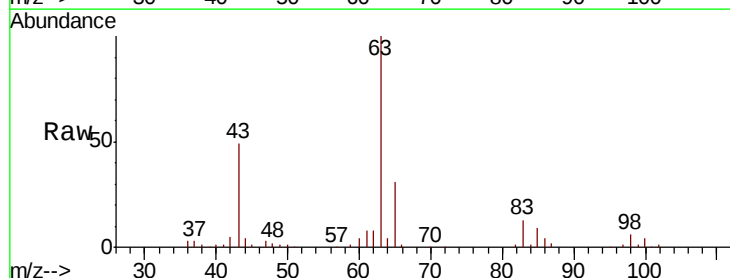
Manual Integrations
 APPROVED

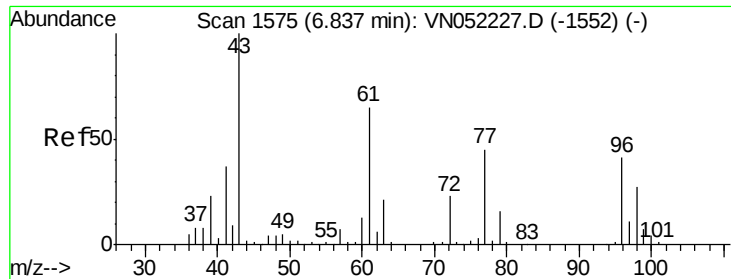
MMDadoda
 11/12/2018 9:18:41 AM



#24
 1,1-Dichloroethane
 Concen: 46.910 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

Tgt Ion: 63 Resp: 302498
 Ion Ratio Lower Upper
 63 100
 98 5.7 2.9 8.6
 100 4.1 2.1 6.2





#25

2-Butanone

Concen: 240.321 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VN052227.D

Acq: 9 Nov 2018 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 390119

Ion Ratio Lower Upper

43 100

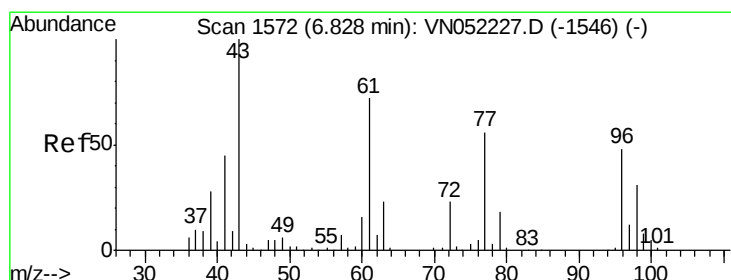
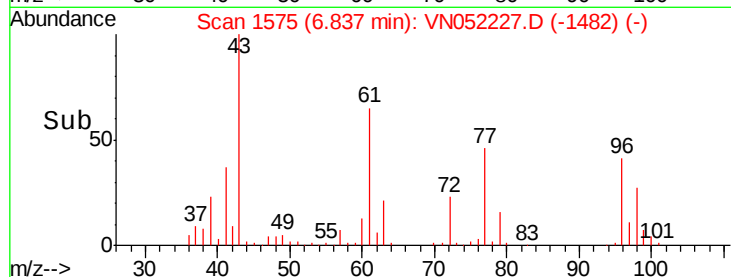
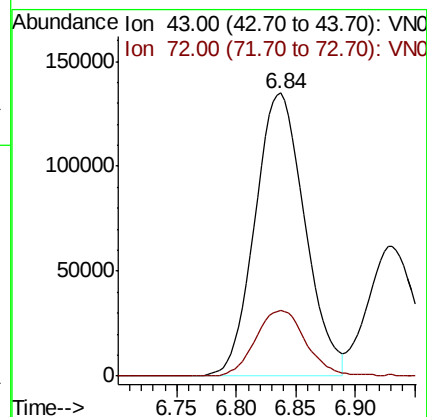
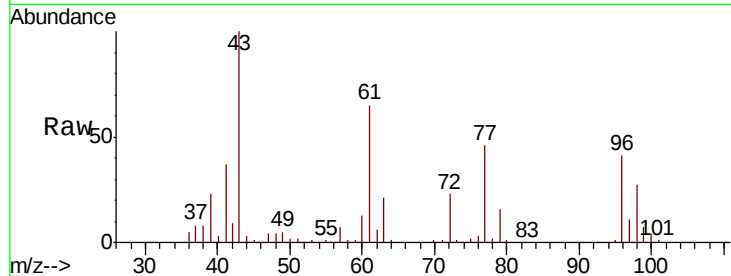
72 23.2 18.6 27.8

Manual Integrations

APPROVED

MMDadoda

11/12/2018 9:18:41 AM



#26

2,2-Dichloropropane

Concen: 47.048 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN052227.D

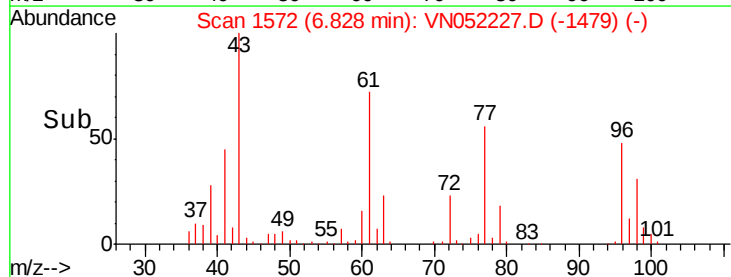
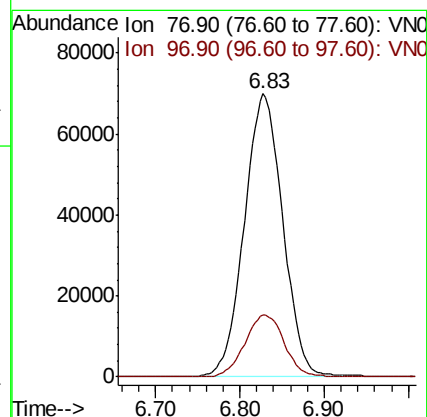
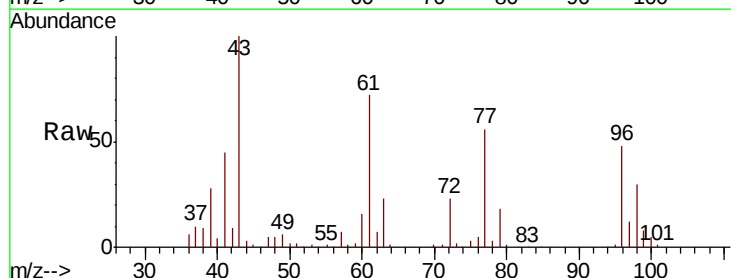
Acq: 9 Nov 2018 14:59

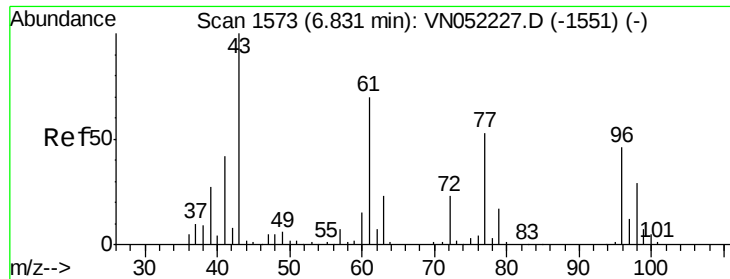
Tgt Ion: 77 Resp: 221590

Ion Ratio Lower Upper

77 100

97 22.3 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 48.582 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN052227.D

Acq: 9 Nov 2018 14:59

Instrument :

MSVOA_N

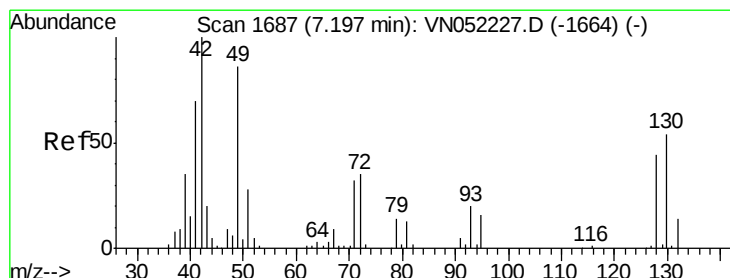
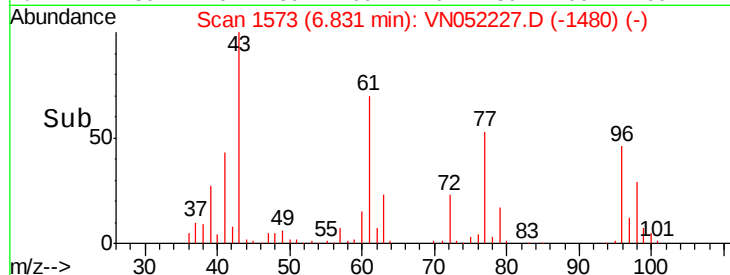
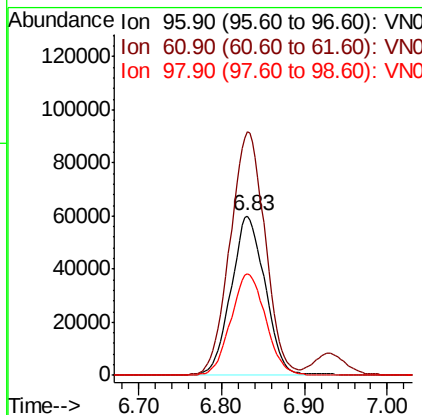
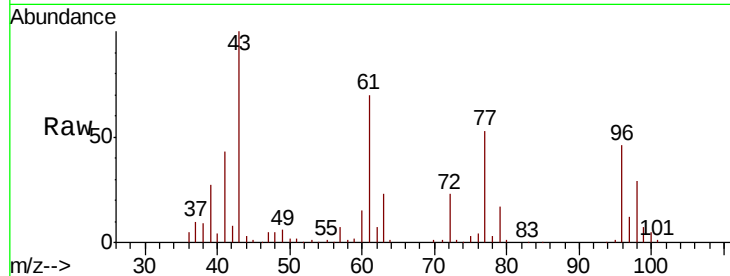
ClientSampleId :

VSTDICCC050

Tot Ion:	96	Resp:	171929
Ion	Ratio	Lower	Upper
96	100		
61	156.7	0.0	313.4
98	64.9	0.0	129.8

Manual Integrations
APPROVED

MMDadoda
11/12/2018 9:18:41 AM



#28

Bromochloromethane

Concen: 49.367 ug/l

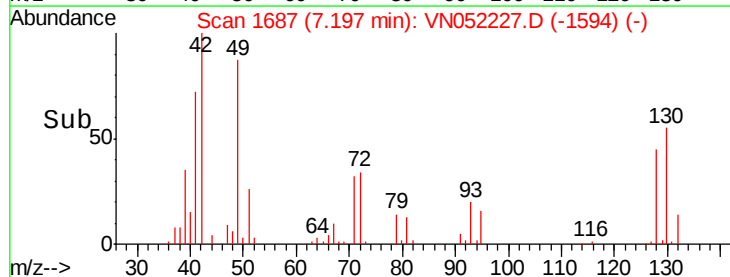
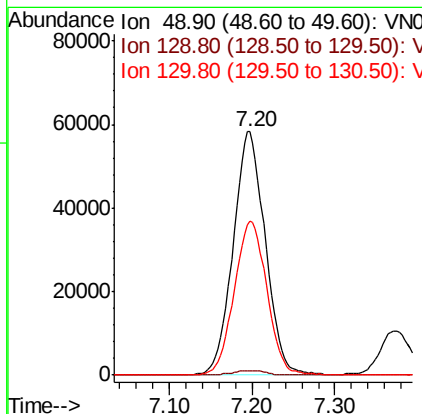
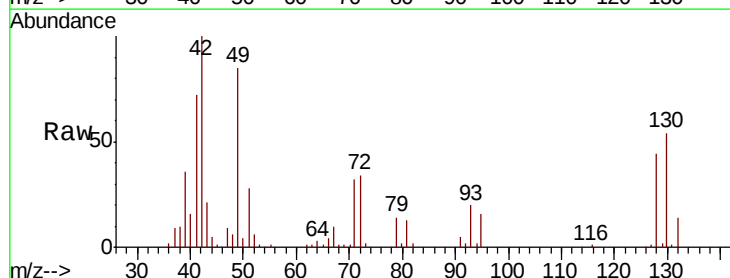
RT: 7.20 min Scan# 1687

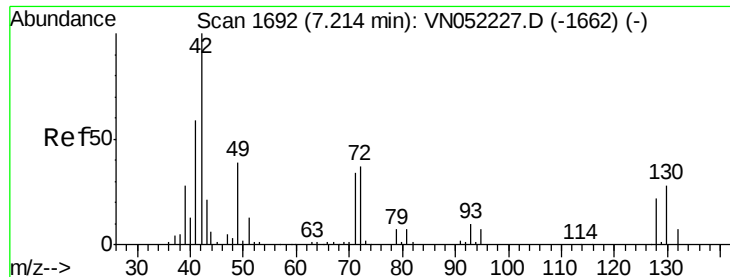
Delta R.T. 0.00 min

Lab File: VN052227.D

Acq: 9 Nov 2018 14:59

Tgt Ion:	49	Resp:	157304
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	64.3	51.4	77.2





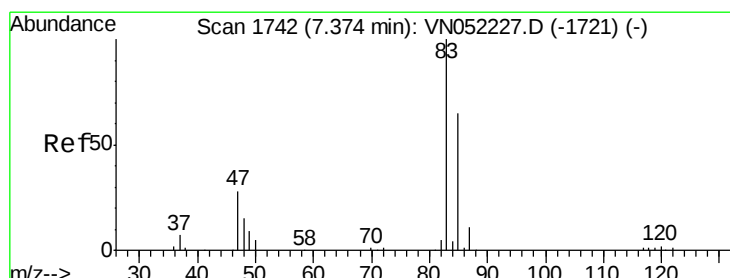
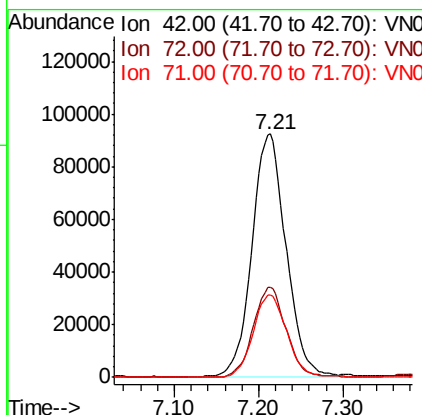
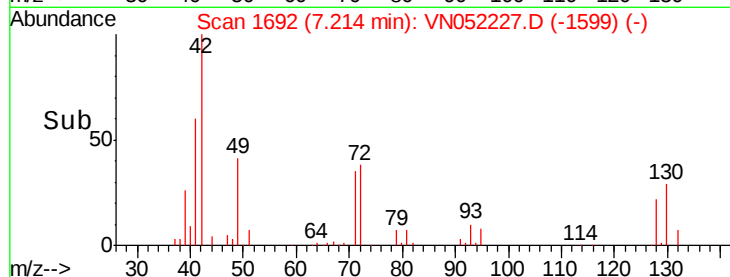
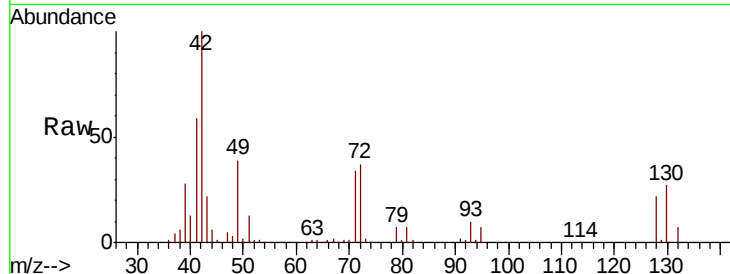
#29
Tetrahydrofuran
Concen: 247.831 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	35.8	28.6	43.0
71	33.9	27.1	40.7

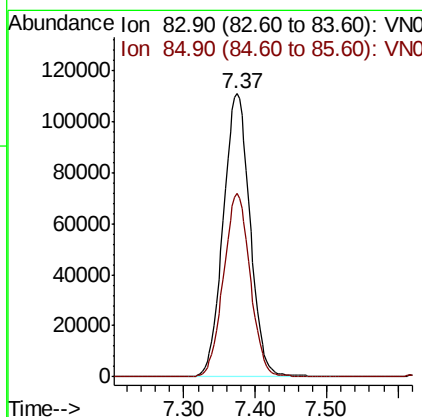
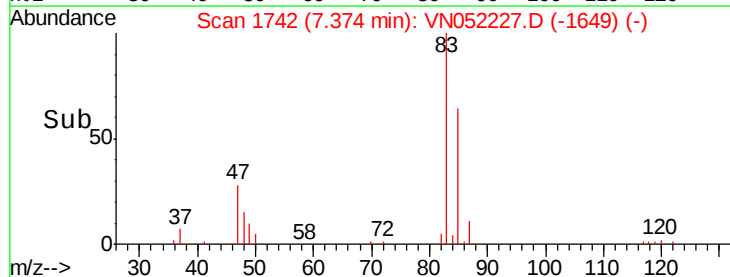
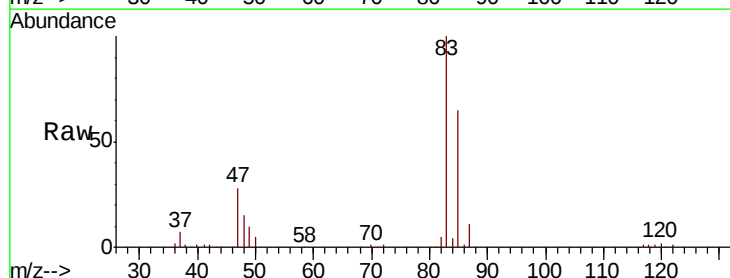
Manual Integrations
APPROVED

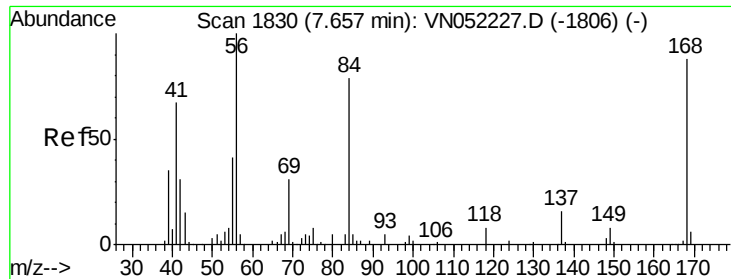
MMDadoda
11/12/2018 9:18:41 AM



#30
Chloroform
Concen: 47.481 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.8	77.6





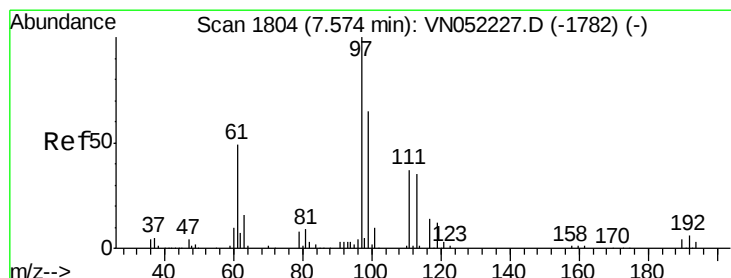
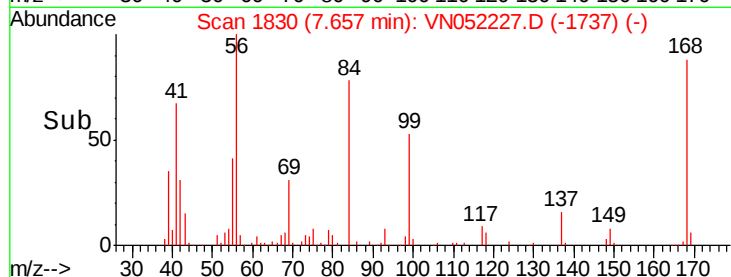
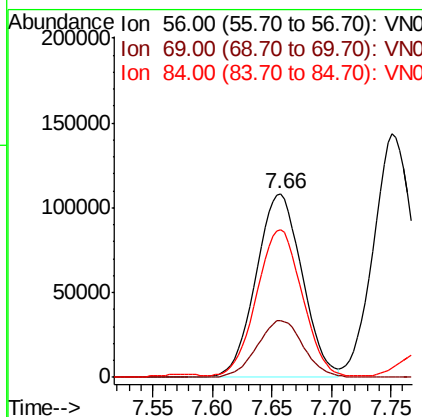
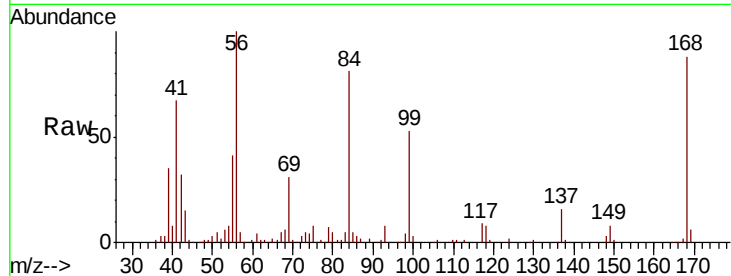
#31
Cyclohexane
Concen: 38.807 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.0	24.8	37.2
84	78.9	63.1	94.7

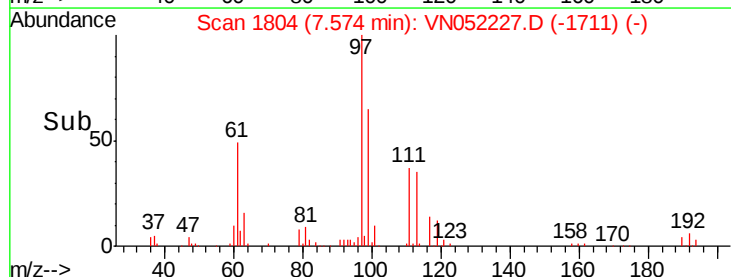
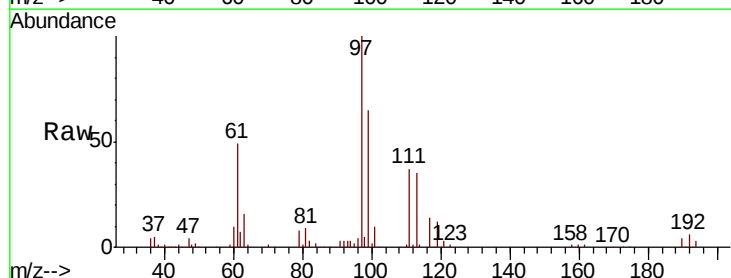
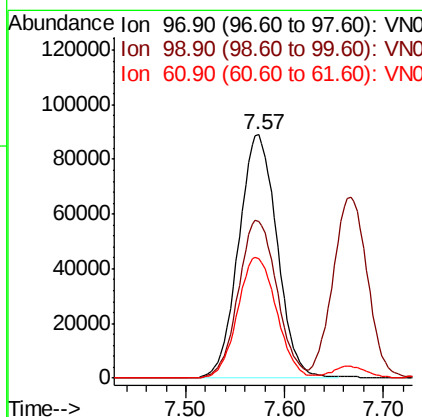
Manual Integrations
APPROVED

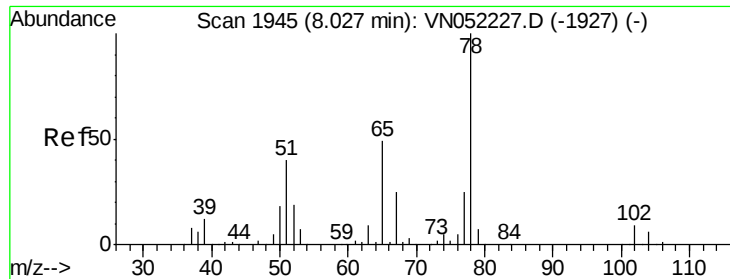
MMDadoda
11/12/2018 9:18:41 AM



#32
1,1,1-Trichloroethane
Concen: 48.262 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.9	77.9
61	50.3	40.2	60.4





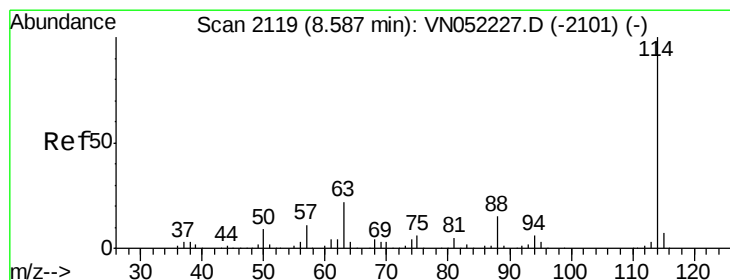
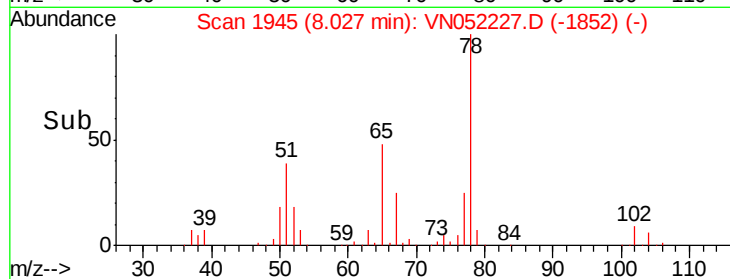
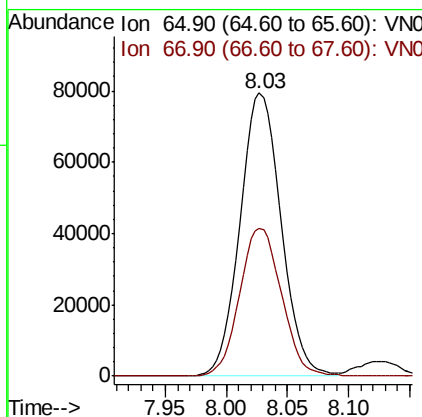
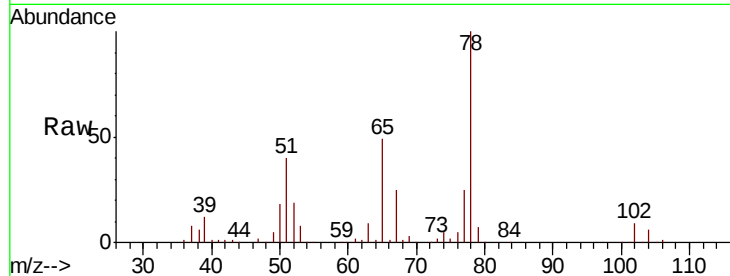
#33
 1,2-Dichloroethane-d4
 Concen: 48.262 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	184978		
67	53.3	0.0	106.6	

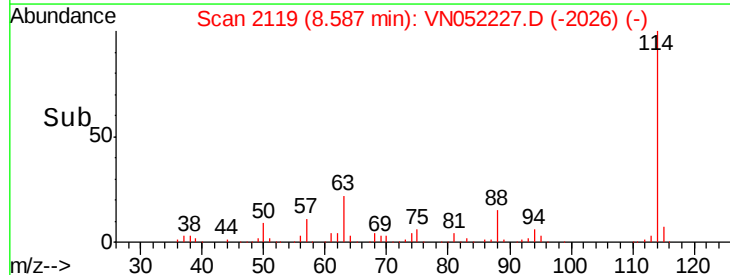
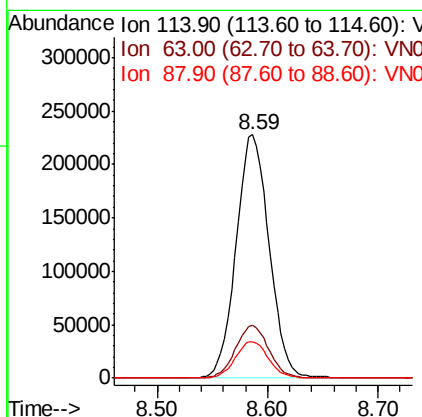
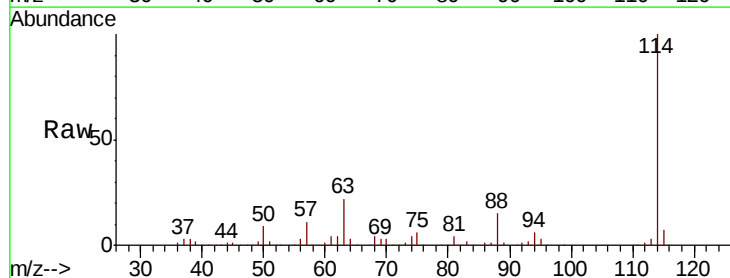
Manual Integrations
 APPROVED

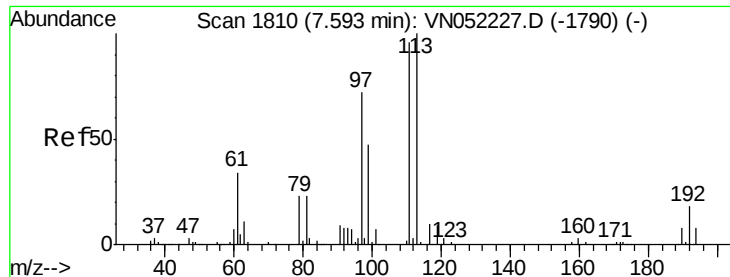
MMDadoda
 11/12/2018 9:18:41 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	473157		
63	21.7	0.0	43.4	
88	15.1	0.0	30.2	





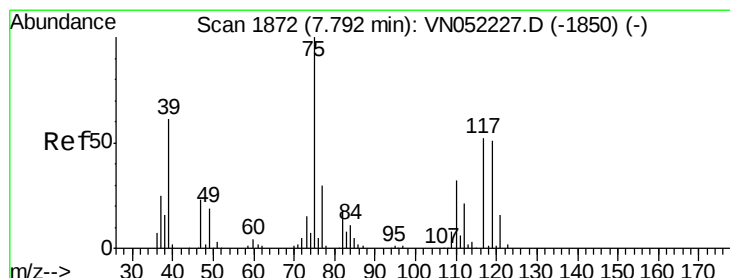
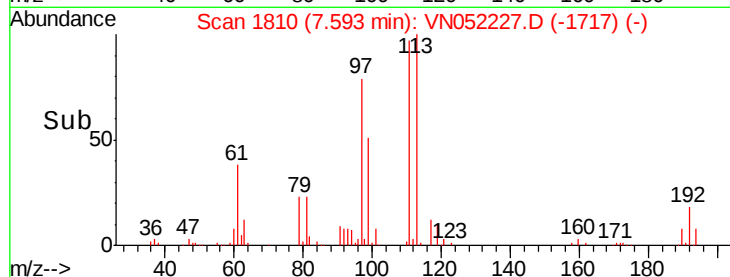
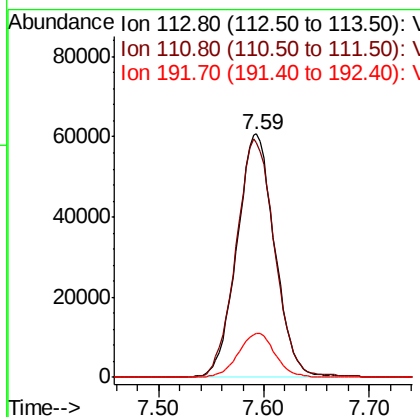
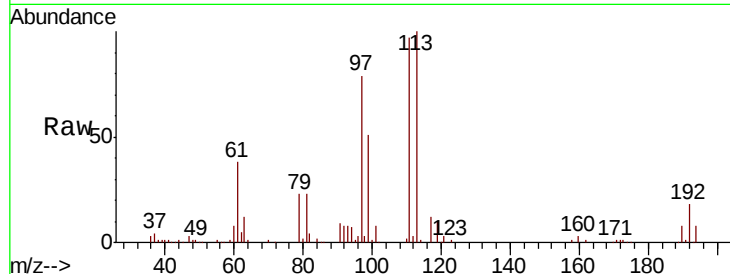
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	150952		
111	100.3	80.2	120.4	
192	17.6	14.1	21.1	

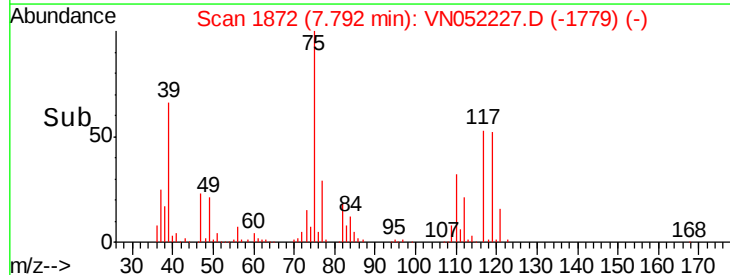
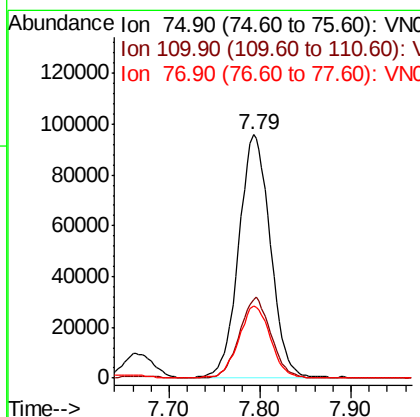
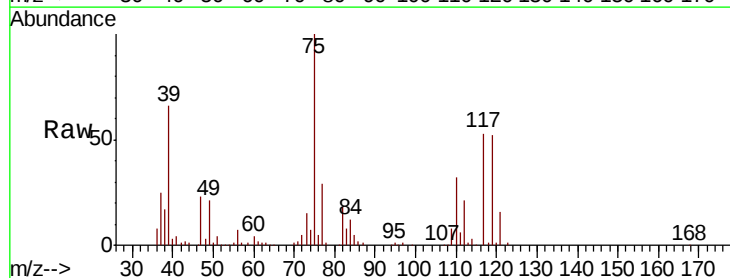
Manual Integrations
 APPROVED

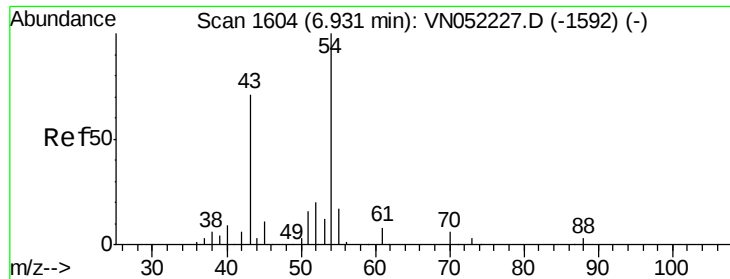
MMDadoda
 11/12/2018 9:18:41 AM



#36
 1,1-Dichloropropene
 Concen: 48.268 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	230519		
110	32.9	16.4	49.4	
77	29.9	23.9	35.9	





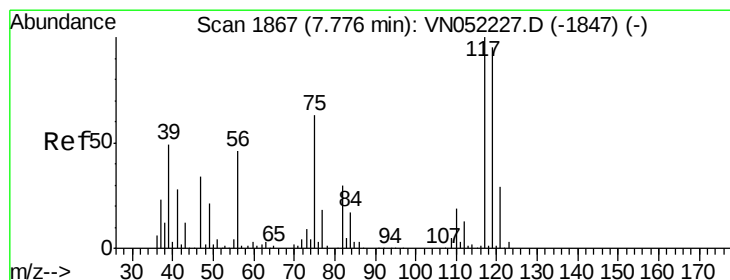
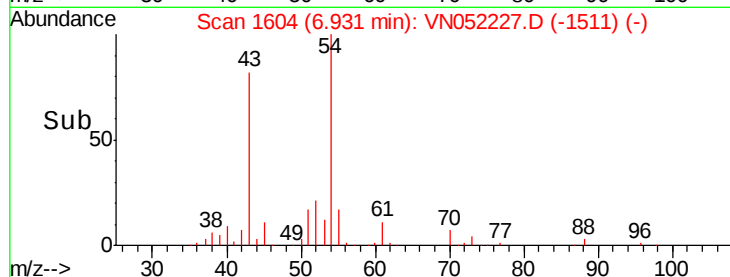
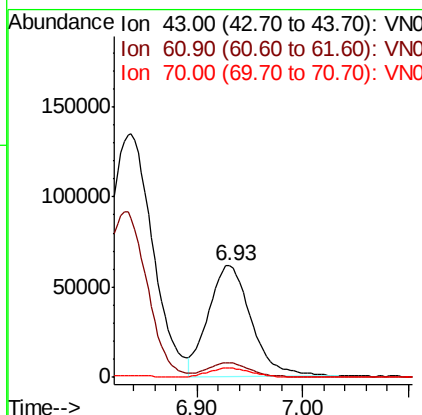
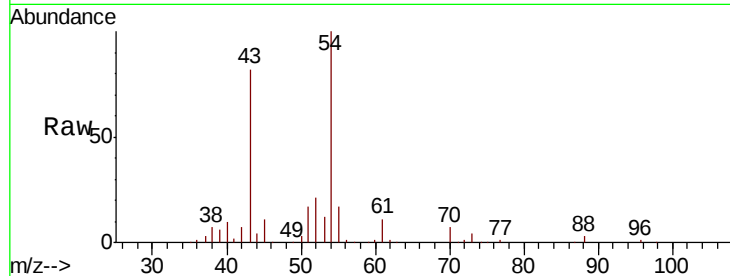
#37
Ethyl Acetate
Concen: 49.084 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	43	61	70
Resp	172960	12.5	8.6
Lower		10.0	6.9
Upper		15.0	10.3

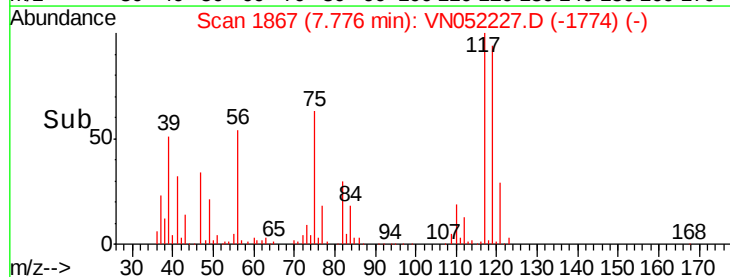
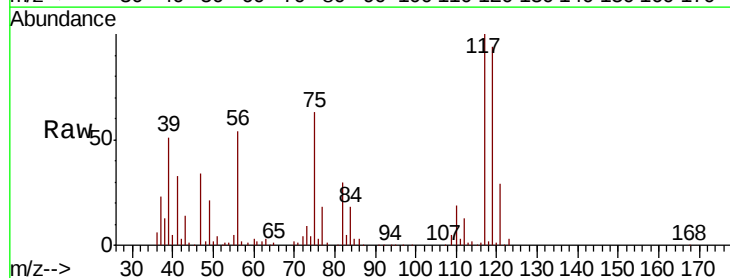
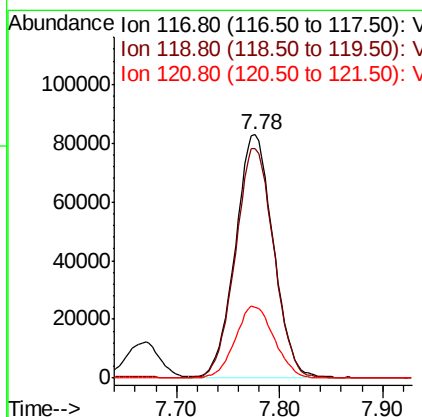
Manual Integrations
APPROVED

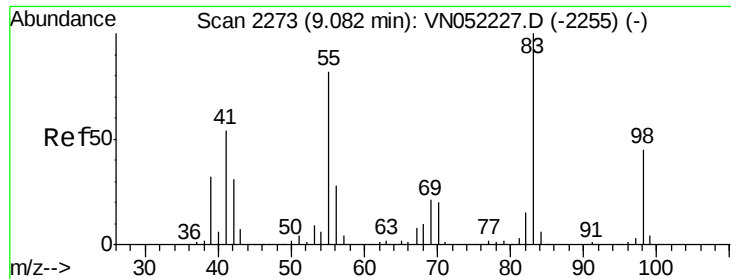
MMDadoda
11/12/2018 9:18:41 AM



#38
Carbon Tetrachloride
Concen: 48.907 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Tgt Ion	117	119	121
Resp	211667	94.8	29.3
Lower		75.8	23.4
Upper		113.8	35.2





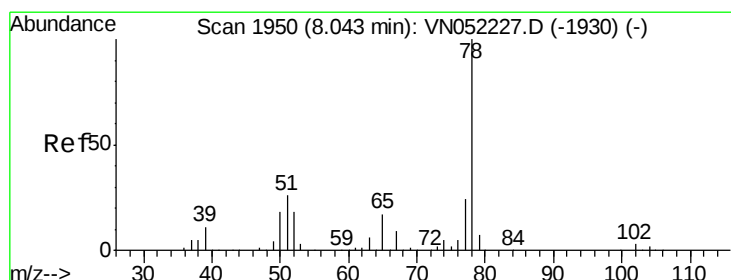
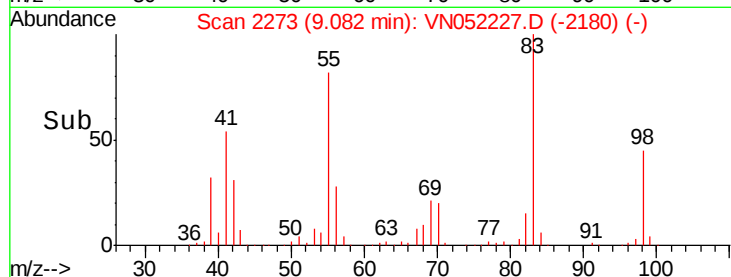
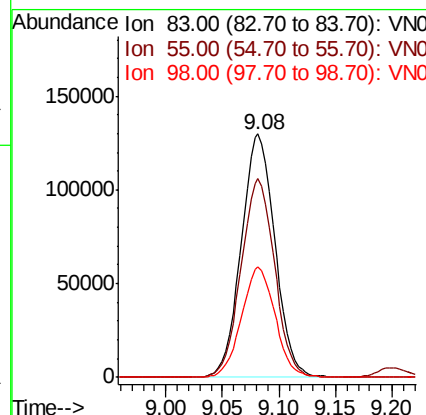
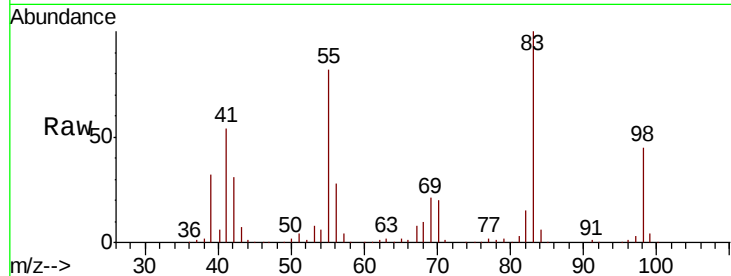
#39
Methvlcvclohexane
Concen: 49.396 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	83.00	Resp	269076
Ion Ratio	100	Lower	Upper
83	100		
55	81.5	65.2	97.8
98	45.4	36.3	54.5

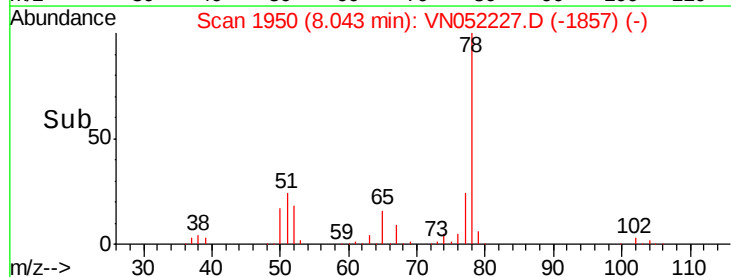
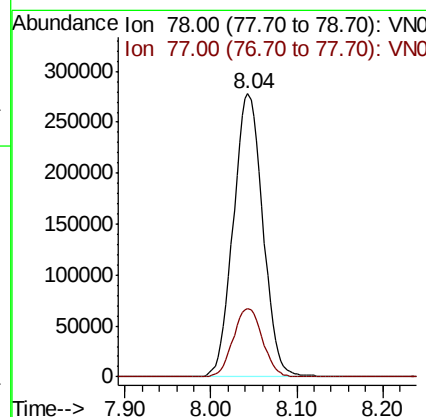
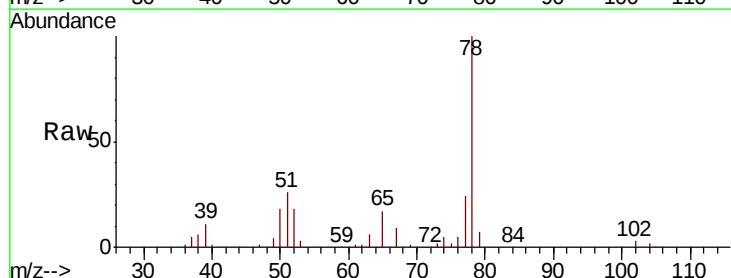
Manual Integrations
APPROVED

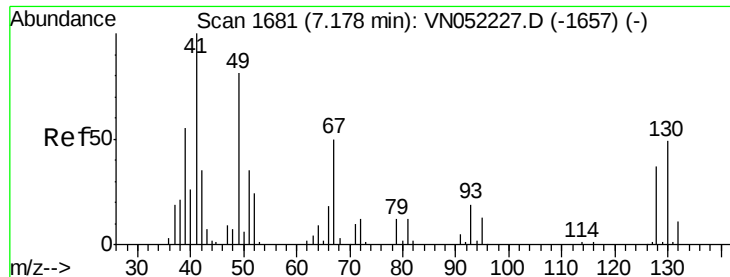
MMDadoda
11/12/2018 9:18:41 AM



#40
Benzene
Concen: 48.465 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Tgt Ion	78.00	Resp	662698
Ion Ratio	100	Lower	Upper
78	100		
77	24.0	19.2	28.8





#41

Methacrylonitrile

Concen: 51.882 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VN052227.D

Acq: 9 Nov 2018 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 41 Resp: 96442
Ion Ratio Lower Upper

41 100

39 59.7 47.8 71.6

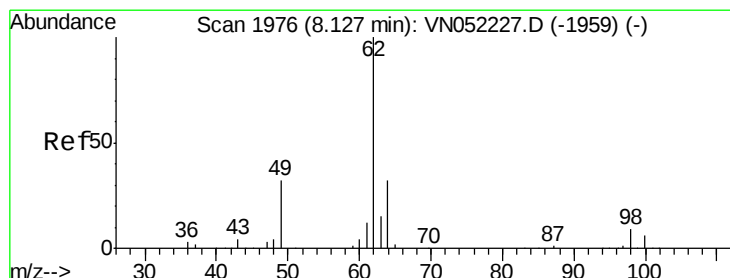
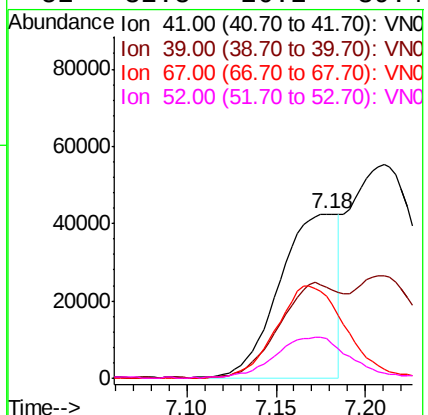
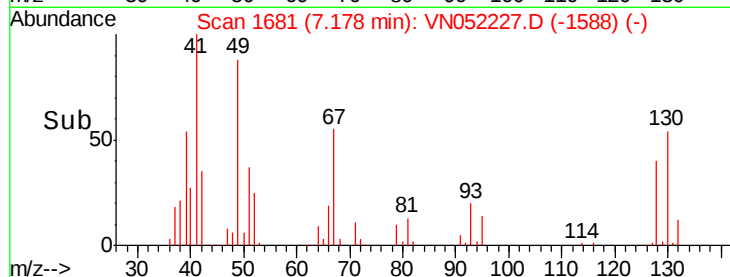
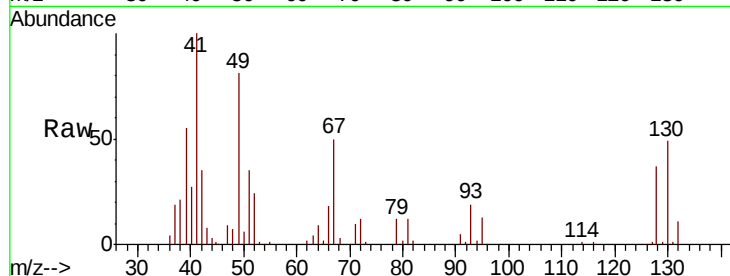
67 67.9 54.3 81.5

52 32.8 26.2 39.4

Manual Integrations
APPROVED

MMDadoda

11/12/2018 9:18:41 AM



#42

1,2-Dichloroethane

Concen: 46.813 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

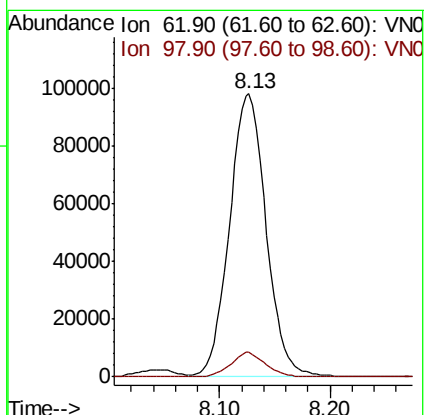
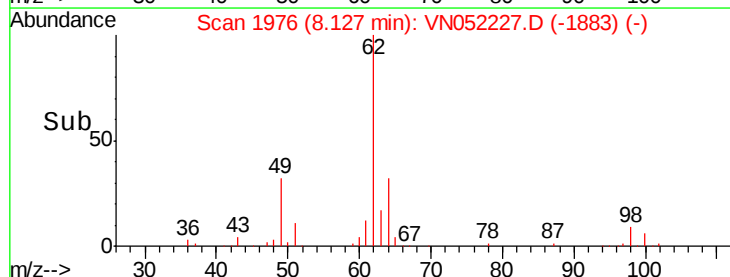
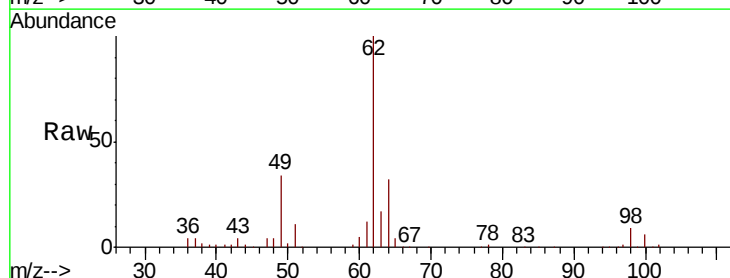
Lab File: VN052227.D

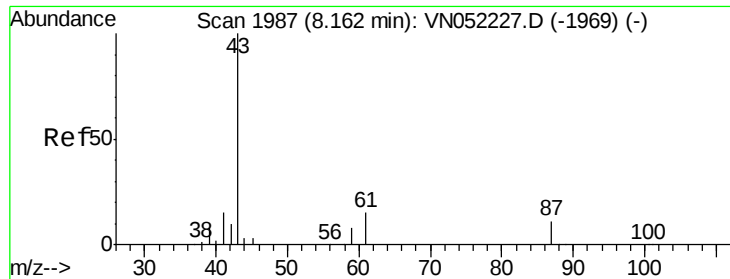
Acq: 9 Nov 2018 14:59

Tgt Ion: 62 Resp: 224586
Ion Ratio Lower Upper

62 100

98 8.2 0.0 16.4





#43

Isopropyl Acetate

Concen: 49.385 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN052227.D

Acq: 9 Nov 2018 14:59

Instrument :

MSVOA_N

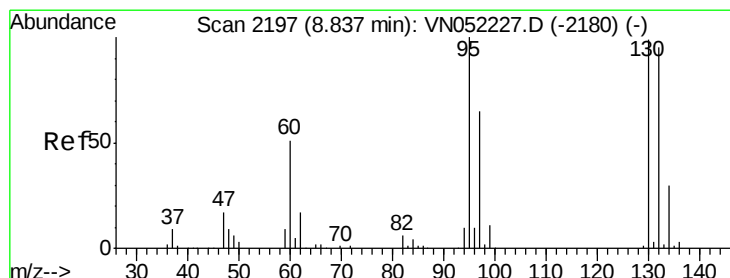
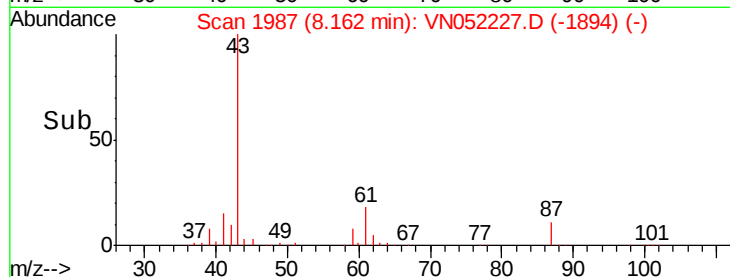
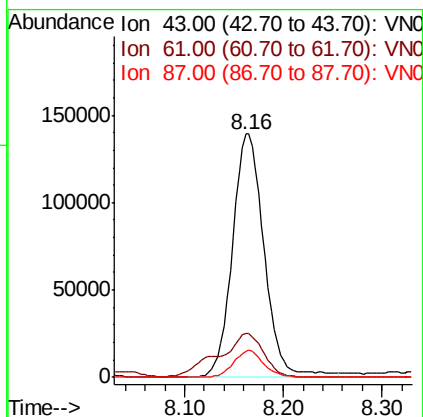
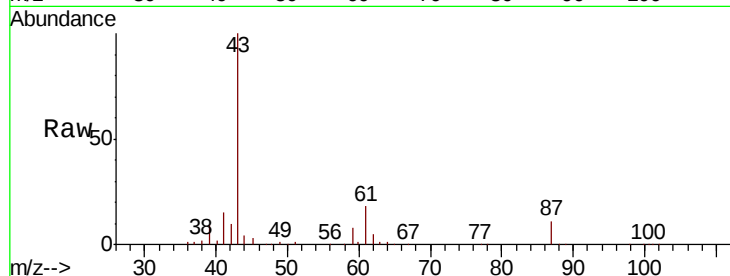
ClientSampleId :

VSTDICCC050

Tot Ion:	43	Resp:	309203
Ion	Ratio	Lower	Upper
43	100		
61	17.8	14.2	21.4
87	10.5	8.4	12.6

Manual Integrations
APPROVED

MMDadoda
11/12/2018 9:18:41 AM



#44

Trichloroethene

Concen: 48.106 ug/l

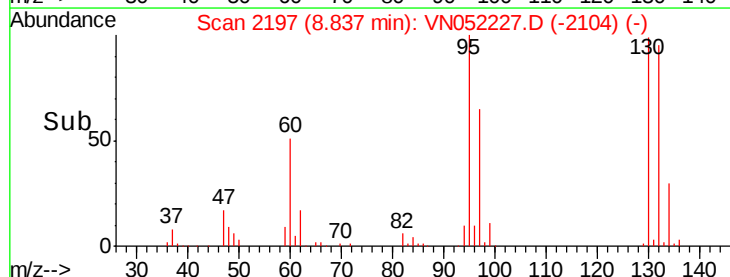
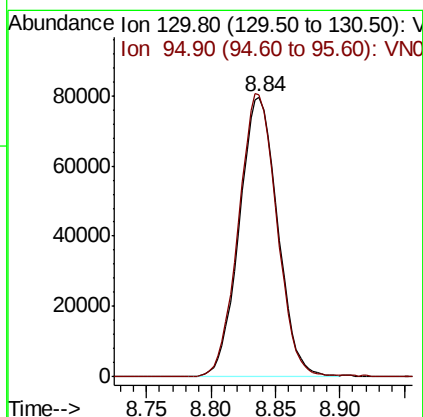
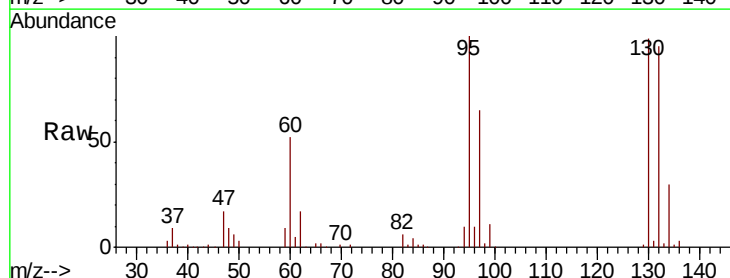
RT: 8.84 min Scan# 2197

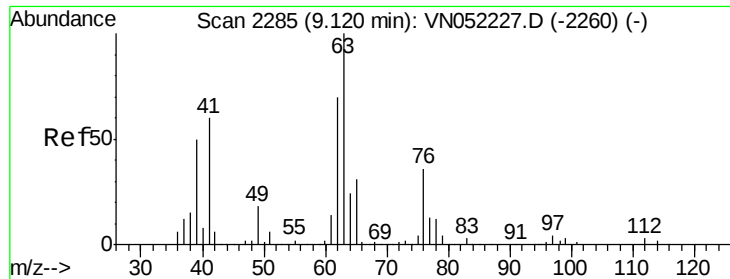
Delta R.T. 0.00 min

Lab File: VN052227.D

Acq: 9 Nov 2018 14:59

Tgt Ion:	130	Resp:	164833
Ion	Ratio	Lower	Upper
130	100		
95	100.8	0.0	201.6





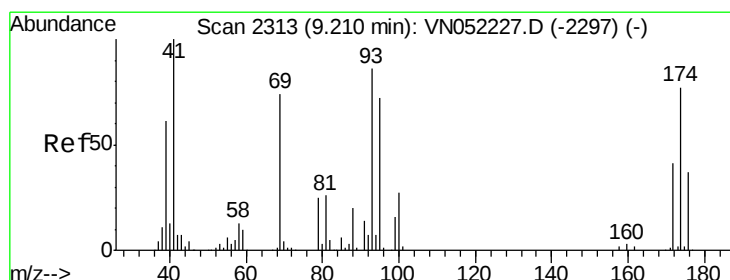
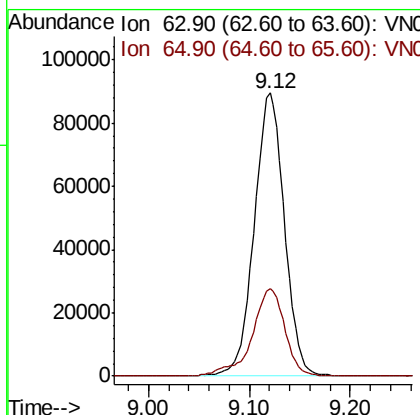
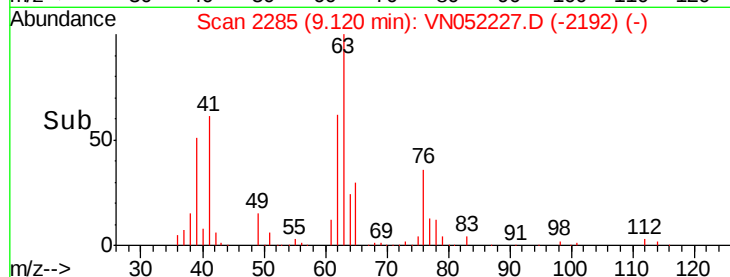
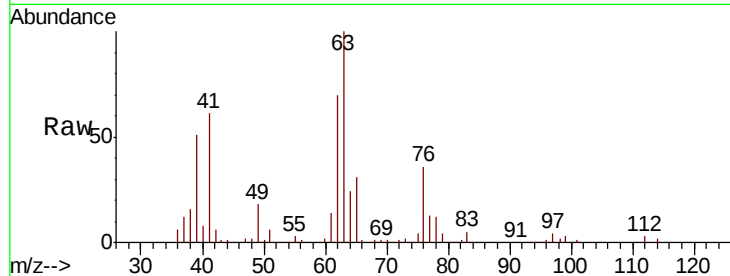
#45
 1,2-Dichloropropane
 Concen: 48.445 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion: 63 Resp: 185059
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.8 37.2

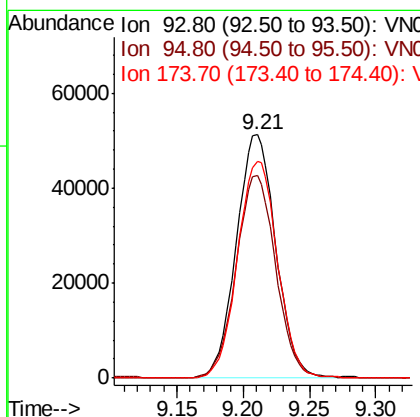
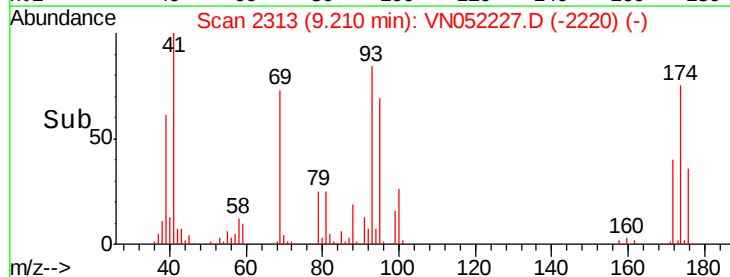
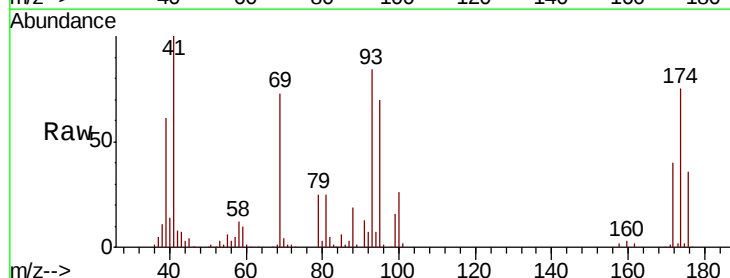
Manual Integrations
 APPROVED

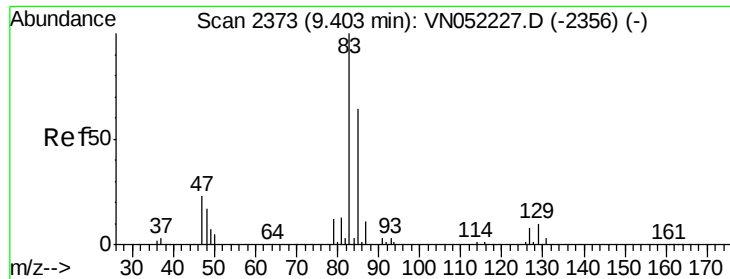
MMDadoda
 11/12/2018 9:18:41 AM



#46
 Dibromomethane
 Concen: 48.331 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

Tgt Ion: 93 Resp: 106048
 Ion Ratio Lower Upper
 93 100
 95 83.7 67.0 100.4
 174 90.1 72.1 108.1





#47

Bromodichloromethane

Concen: 48.133 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN052227.D

Acq: 9 Nov 2018 14:59

Instrument :

MSVOA_N

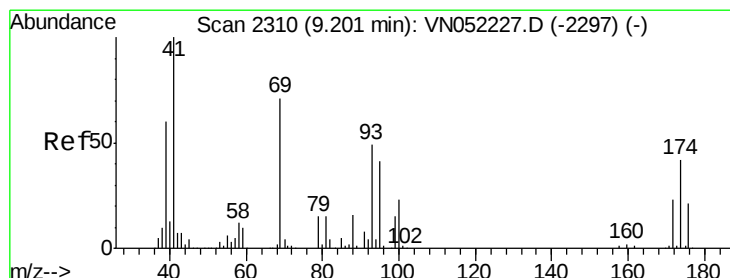
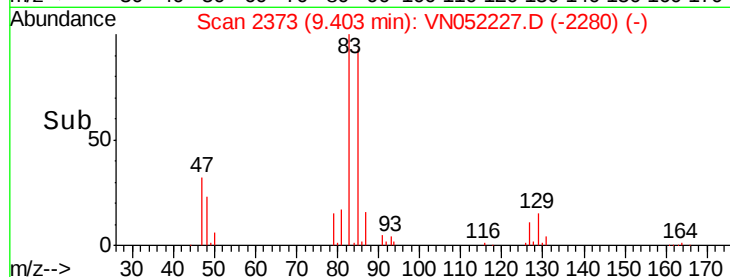
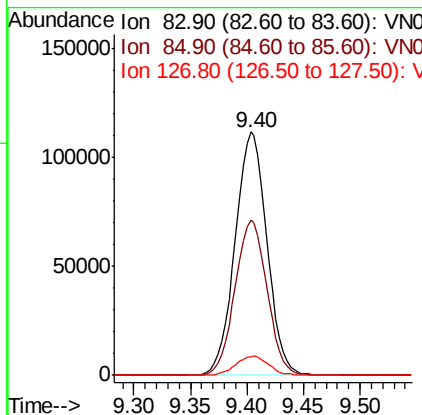
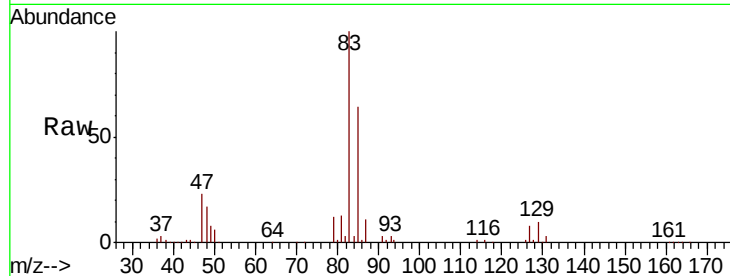
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	218820
Ion Ratio	Lower	Upper	
83	100		
85	64.0	51.2	76.8
127	7.8	6.2	9.4

Manual Integrations
APPROVED

MMDadoda
11/12/2018 9:18:41 AM



#48

Methyl methacrylate

Concen: 48.801 ug/l

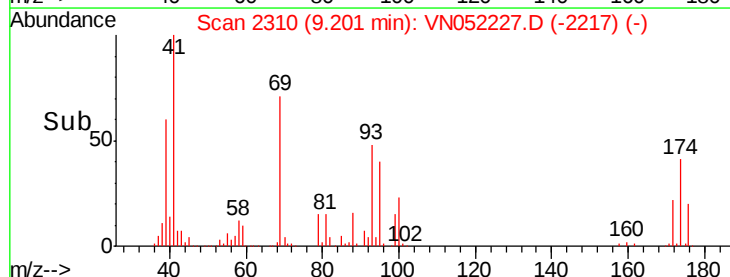
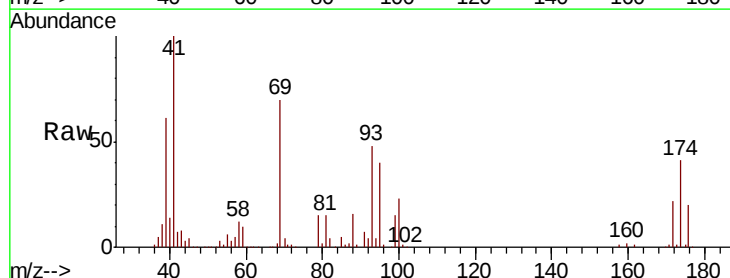
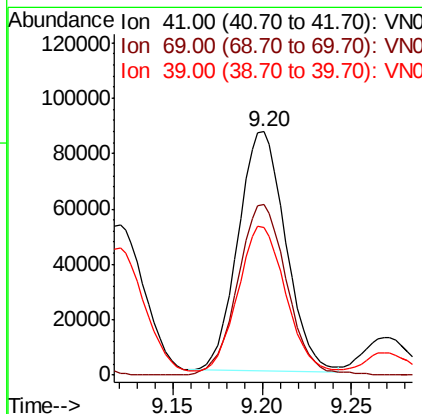
RT: 9.20 min Scan# 2310

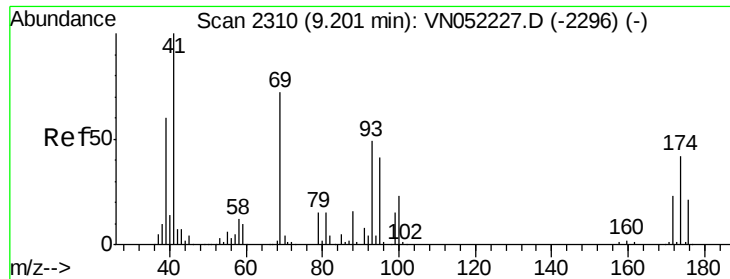
Delta R.T. 0.00 min

Lab File: VN052227.D

Acq: 9 Nov 2018 14:59

Tgt Ion:	41	Resp:	160992
Ion Ratio	Lower	Upper	
41	100		
69	73.5	58.8	88.2
39	63.4	50.7	76.1





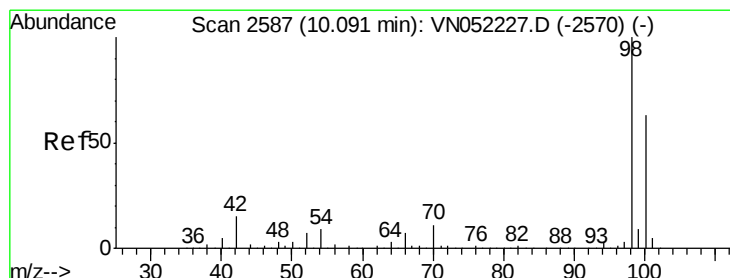
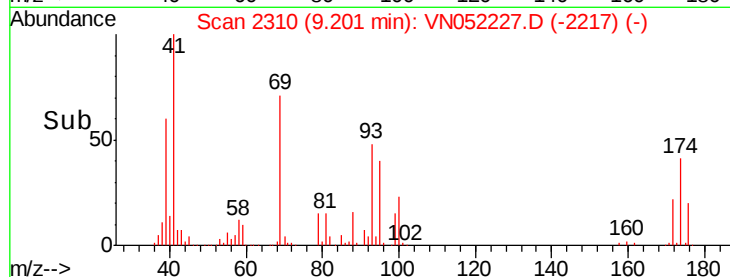
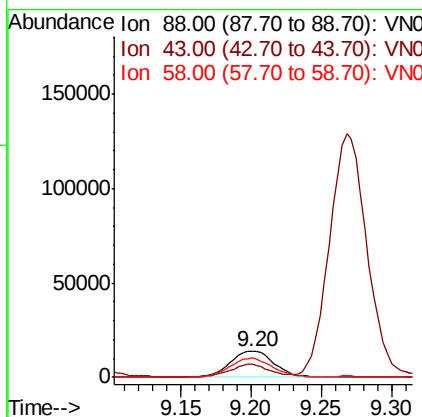
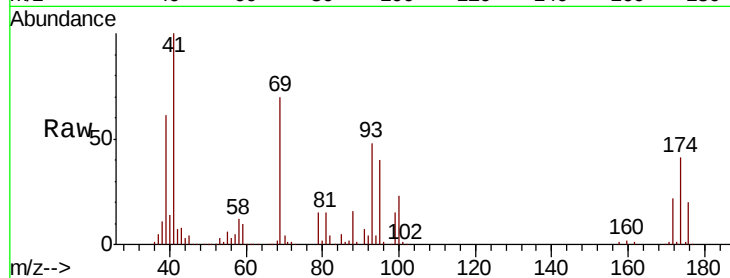
#49
1,4-Dioxane
Concen: 1130.184 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	88	Resp	29972
Ion	Ratio	Lower	Upper
88	100		
43	40.6	32.5	48.7
58	72.8	58.2	87.4

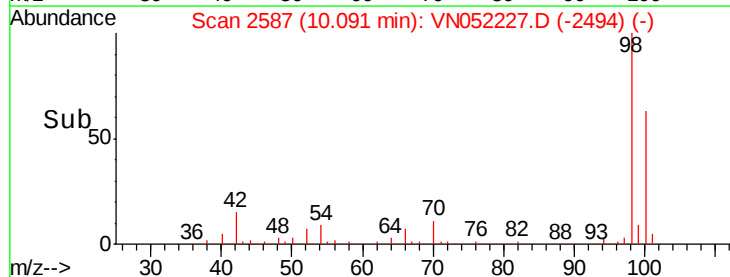
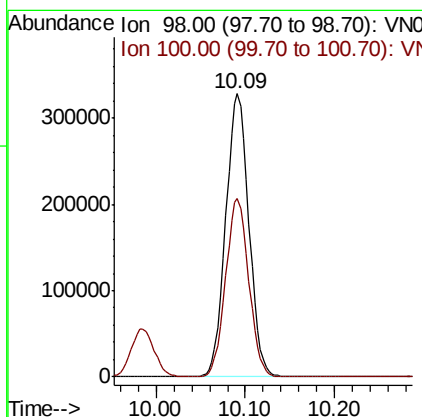
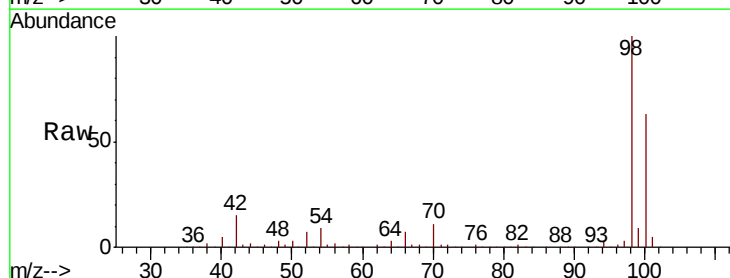
Manual Integrations
APPROVED

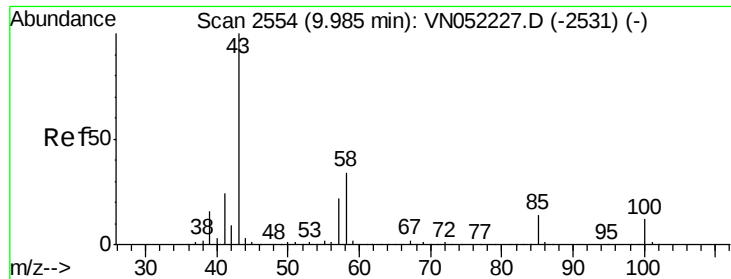
MMDadoda
11/12/2018 9:18:41 AM



#50
Toluene-d8
Concen: 1130.184 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Tgt Ion	98	Resp	588948
Ion	Ratio	Lower	Upper
98	100		
100	62.7	50.2	75.2





#51

4-Methyl-2-Pentanone

Concen: 249.921 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN052227.D

Acq: 9 Nov 2018 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 864151

Ion Ratio Lower Upper

43 100

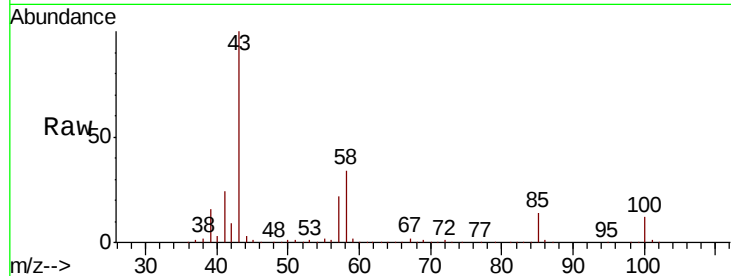
58 34.2 27.4 41.0

Manual Integrations

APPROVED

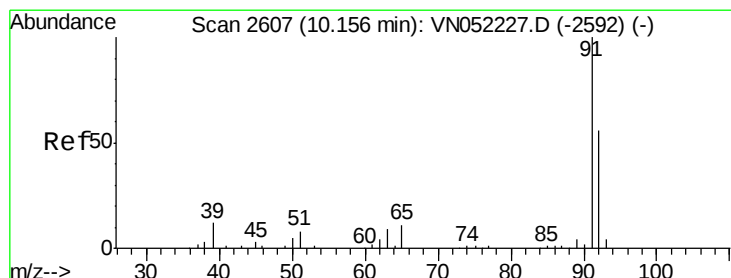
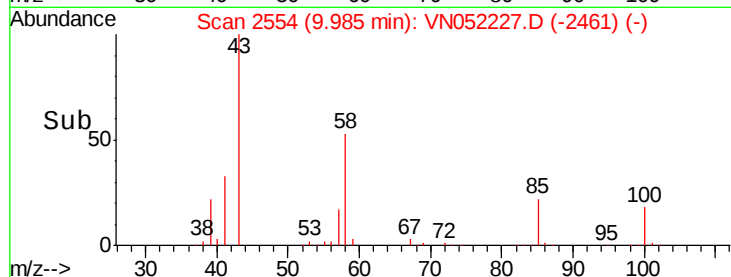
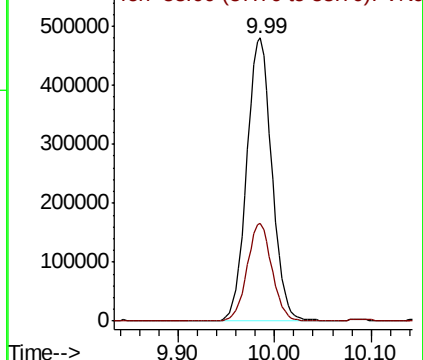
MMDadoda

11/12/2018 9:18:41 AM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 48.658 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN052227.D

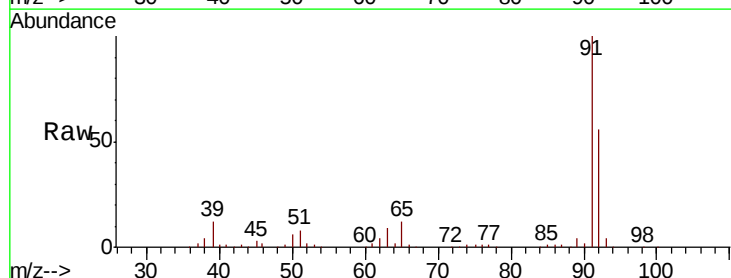
Acq: 9 Nov 2018 14:59

Tgt Ion: 92 Resp: 401350

Ion Ratio Lower Upper

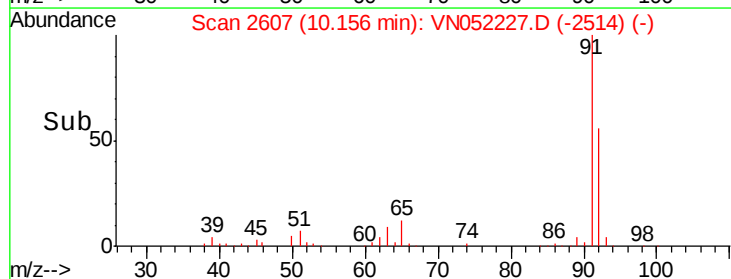
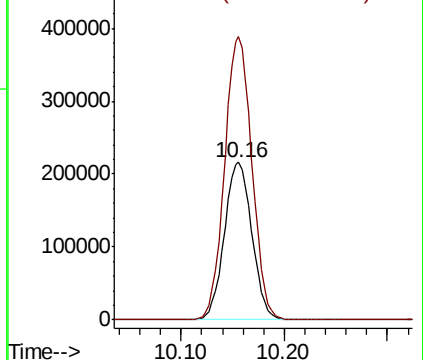
92 100

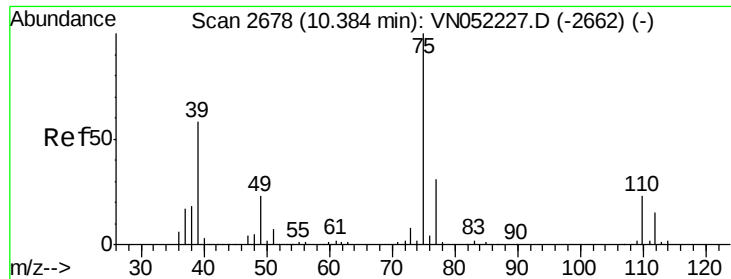
91 178.1 142.5 213.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





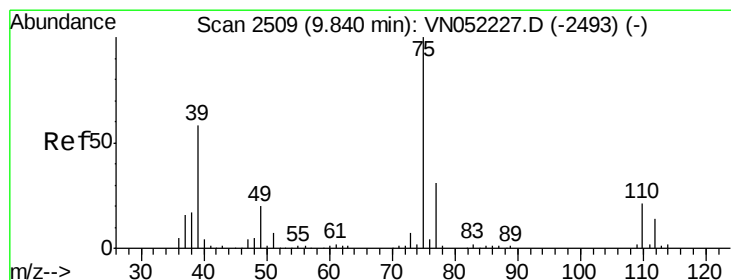
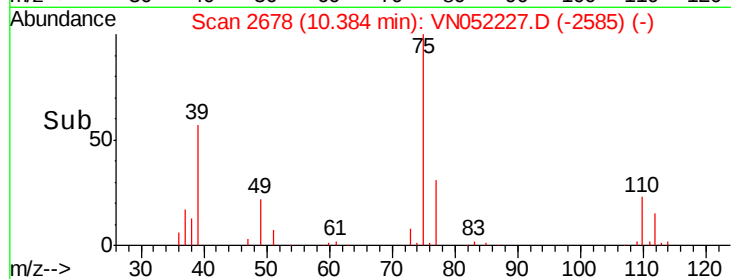
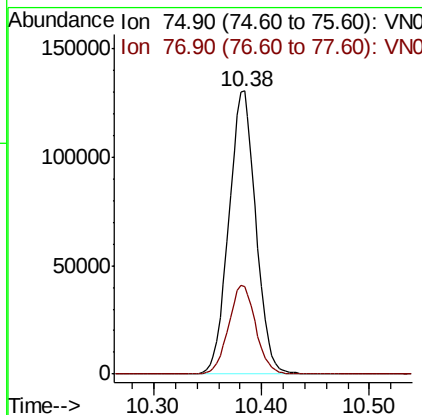
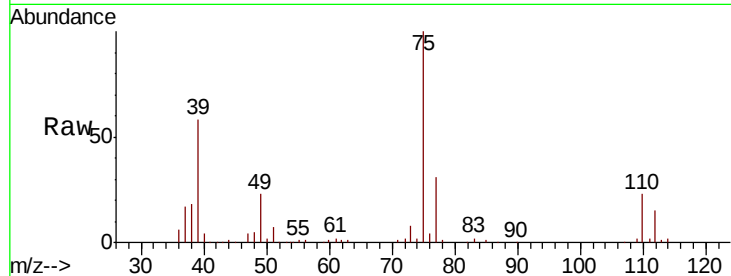
#53
t-1,3-Dichloropropene
Concen: 50.803 ug/l
RT: 10.38 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.7	24.6	36.8

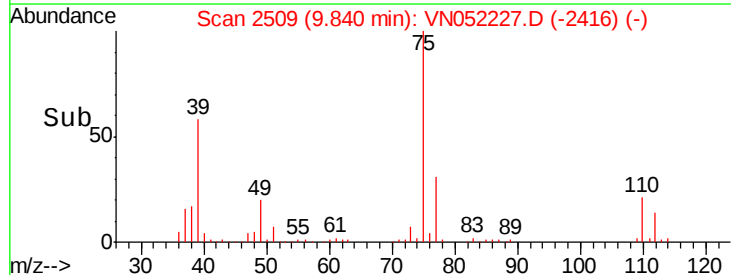
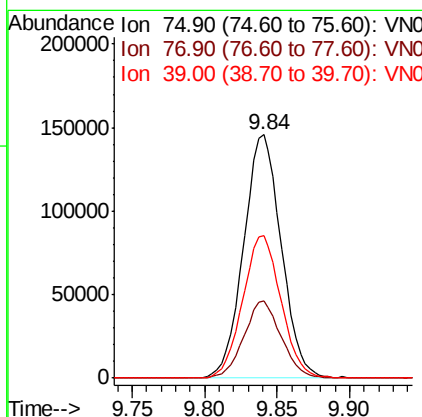
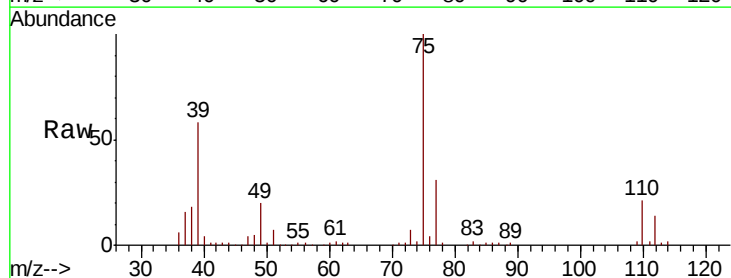
Manual Integrations
APPROVED

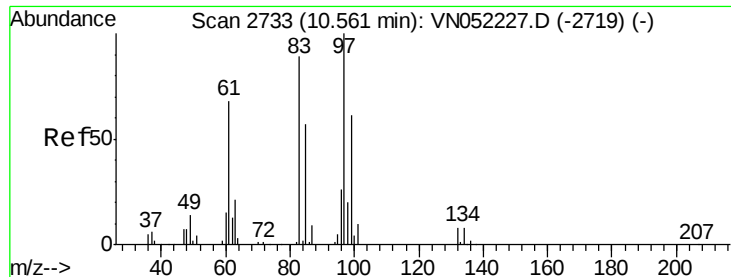
MMDadoda
11/12/2018 9:18:41 AM



#54
cis-1,3-Dichloropropene
Concen: 49.835 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.2	37.8
39	58.3	46.6	70.0





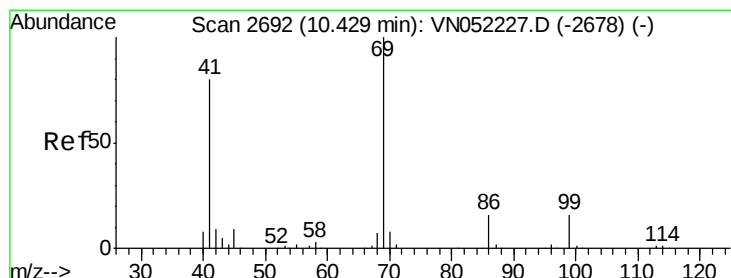
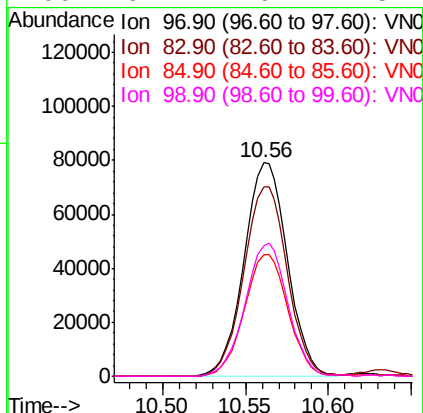
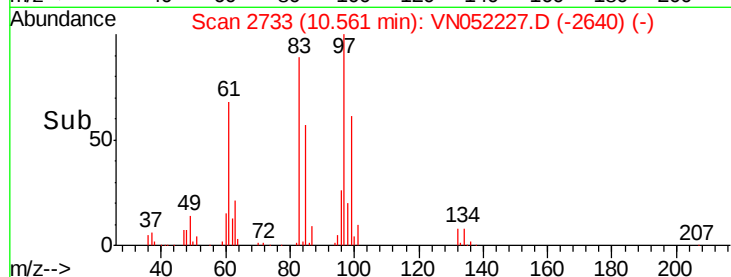
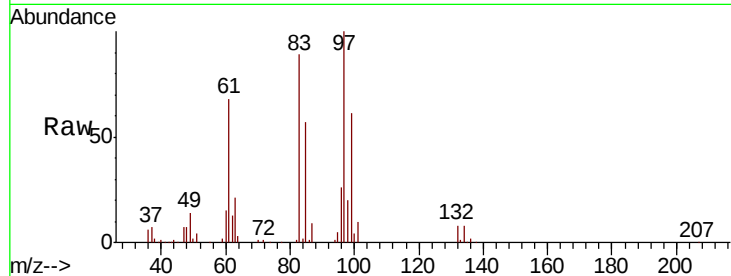
#55
 1,1,2-Trichloroethane
 Concen: 48.269 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	89.0	71.2	106.8
85	57.0	45.6	68.4
99	61.4	49.1	73.7

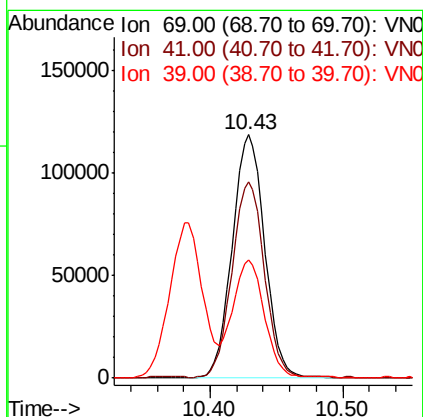
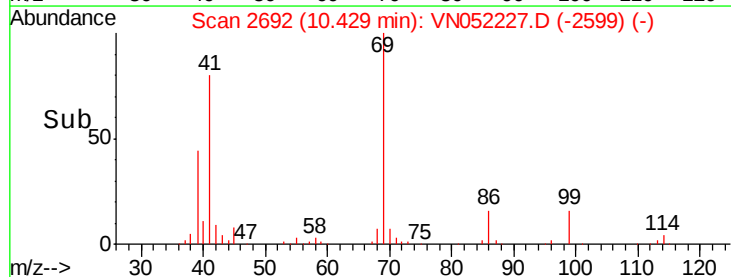
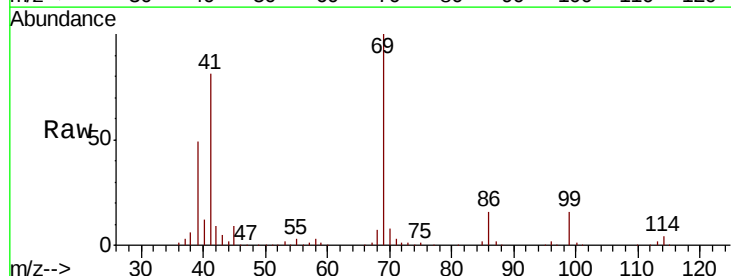
Manual Integrations
 APPROVED

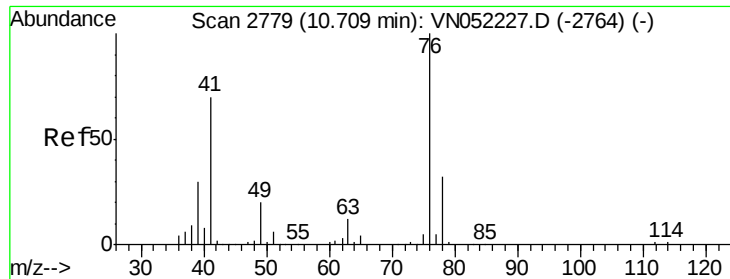
MMDadoda
 11/12/2018 9:18:41 AM



#56
 Ethyl methacrylate
 Concen: 50.005 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

Tgt Ion	Ratio	Lower	Upper
69	100		
41	80.0	64.0	96.0
39	47.3	37.8	56.8





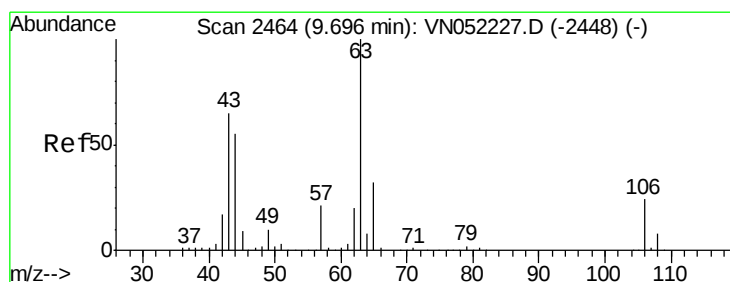
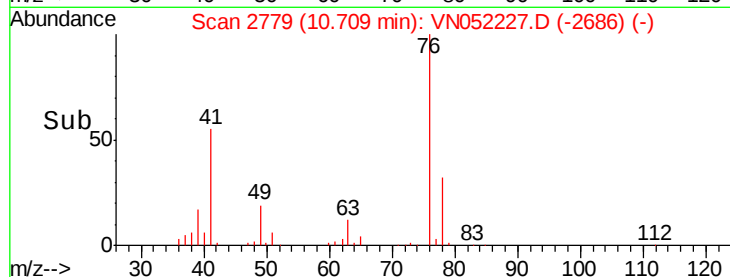
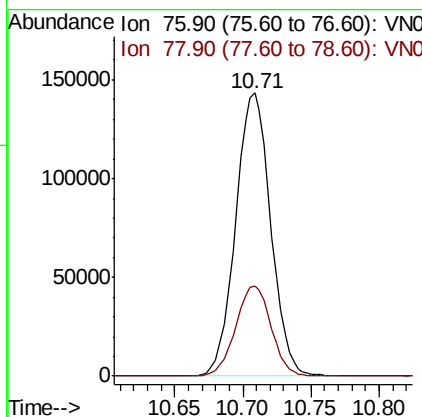
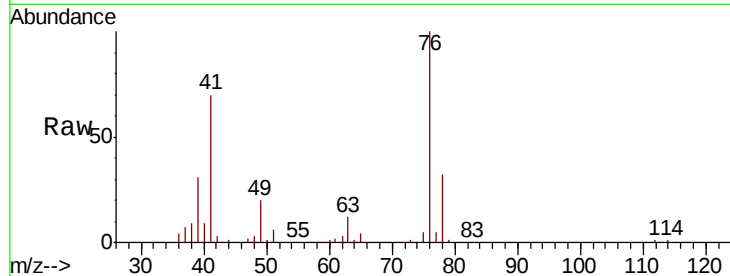
#57
 1,3-Dichloropropane
 Concen: 47.901 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion: 76 Resp: 255644
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5

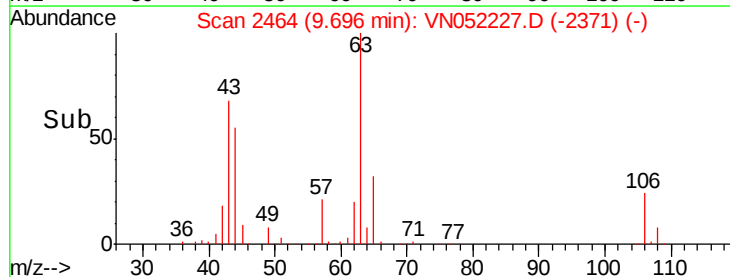
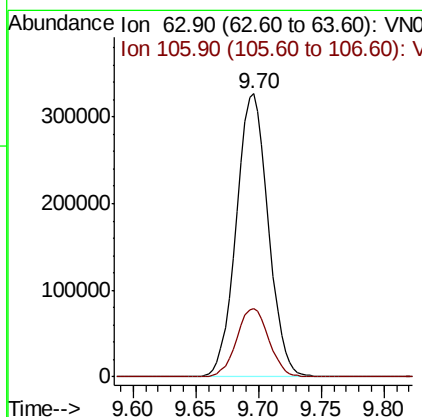
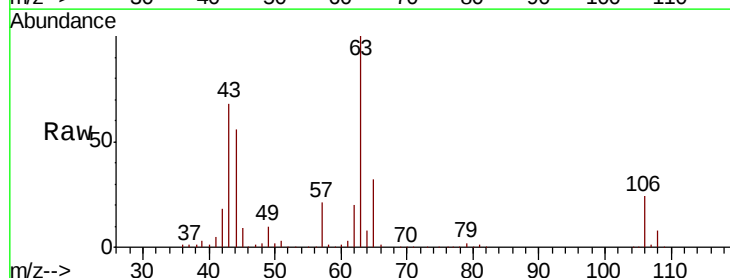
Manual Integrations
 APPROVED

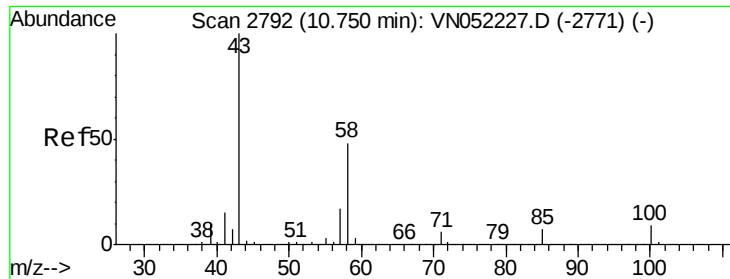
MMDadoda
 11/12/2018 9:18:41 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 259.615 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

Tgt Ion: 63 Resp: 579222
 Ion Ratio Lower Upper
 63 100
 106 24.4 19.5 29.3





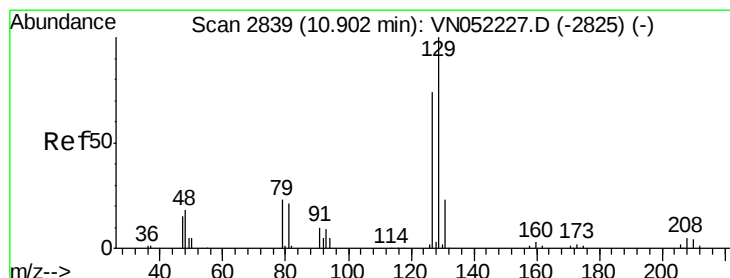
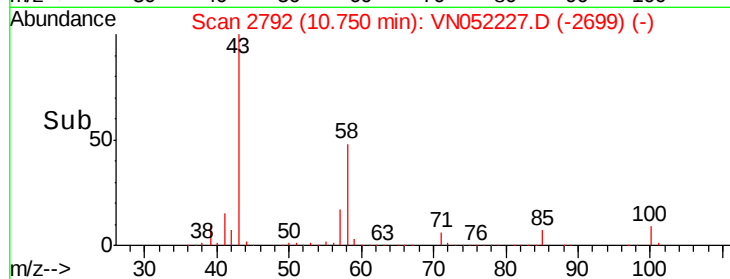
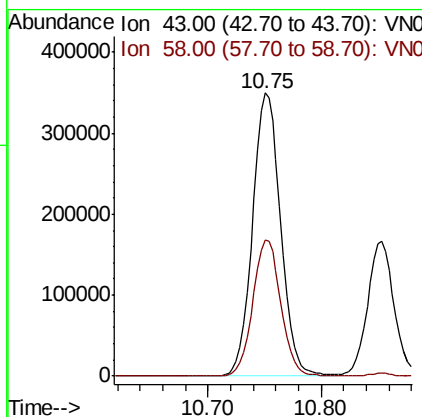
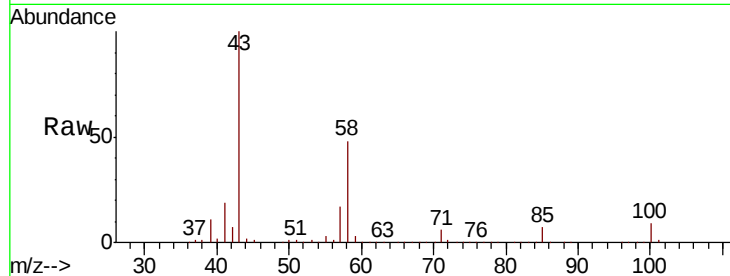
#59
2-Hexanone
Concen: 247.430 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	48.2	24.1	72.3

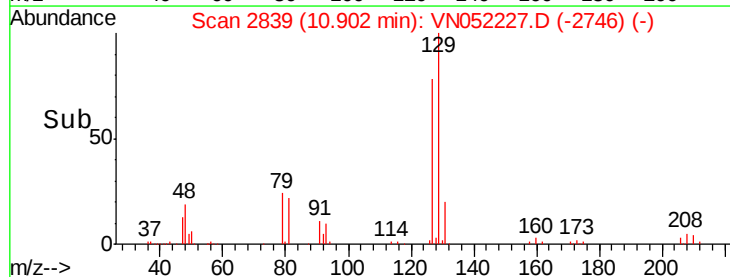
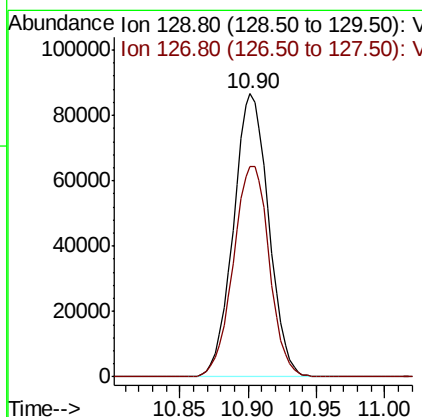
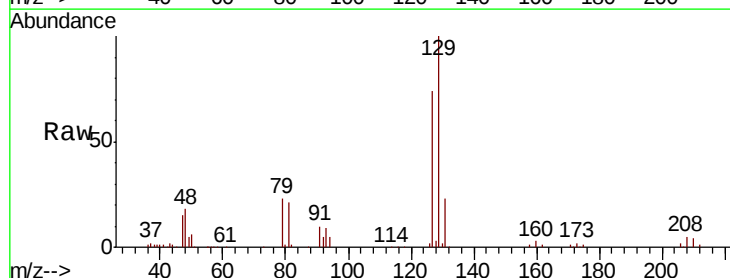
Manual Integrations
APPROVED

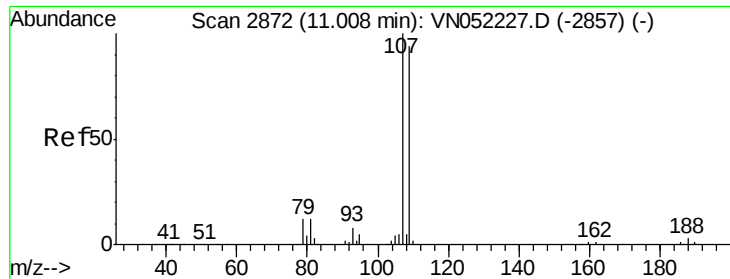
MMDadoda
11/12/2018 9:18:41 AM



#60
Dibromochloromethane
Concen: 51.244 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.1	38.0	114.1





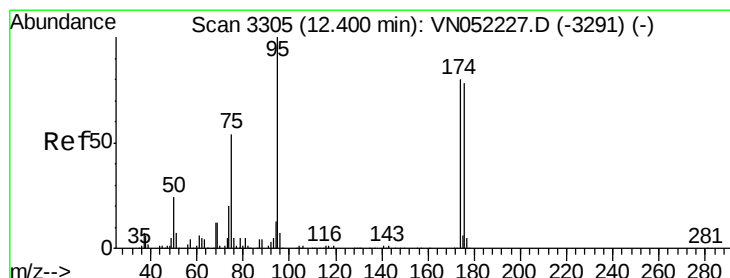
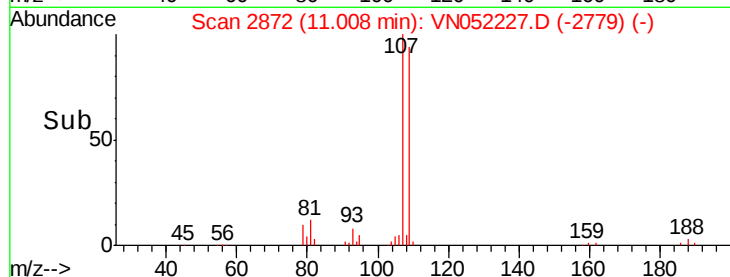
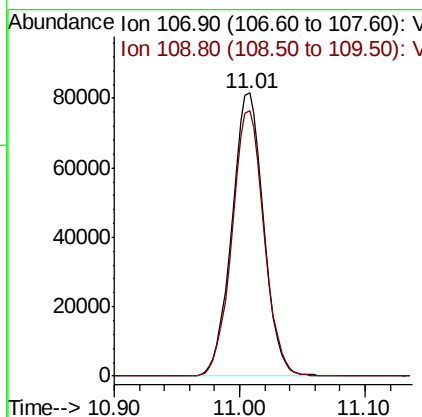
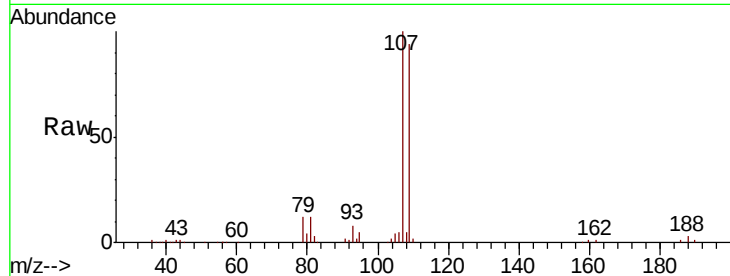
#61
 1,2-Dibromoethane
 Concen: 48.870 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.7	75.8	113.6

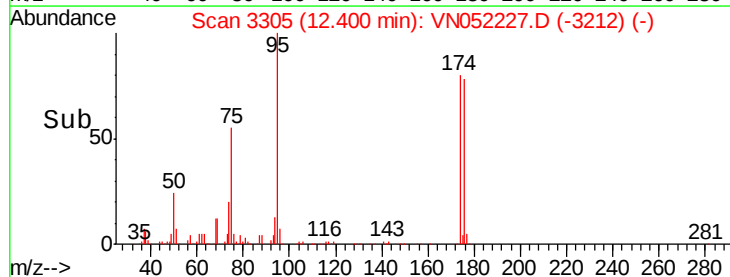
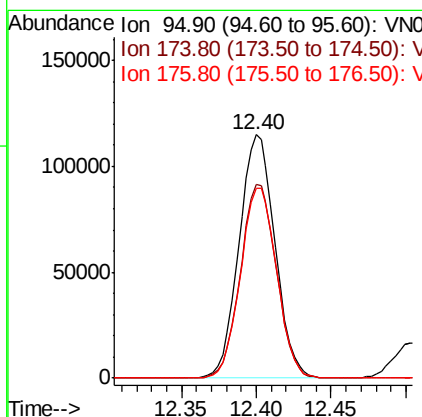
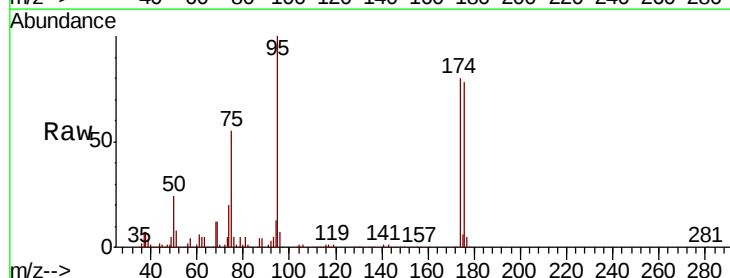
Manual Integrations
 APPROVED

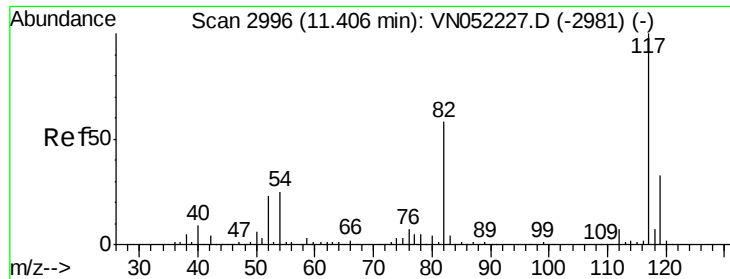
MMDadoda
 11/12/2018 9:18:41 AM



#62
 4-Bromofluorobenzene
 Concen: 48.870 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.7	0.0	159.4
176	78.9	0.0	157.8





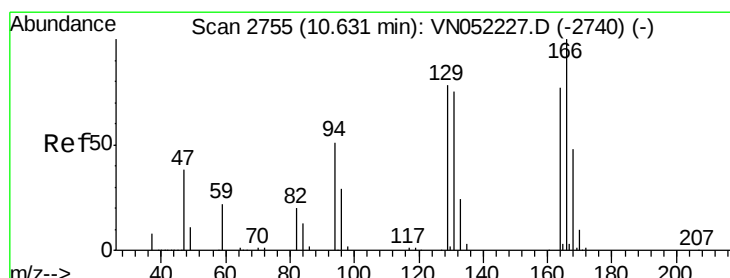
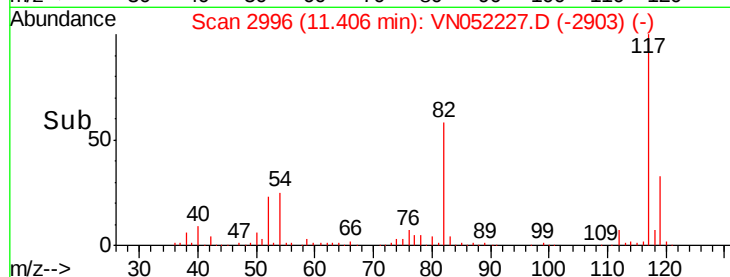
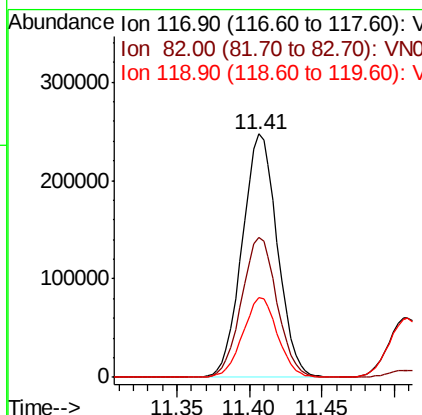
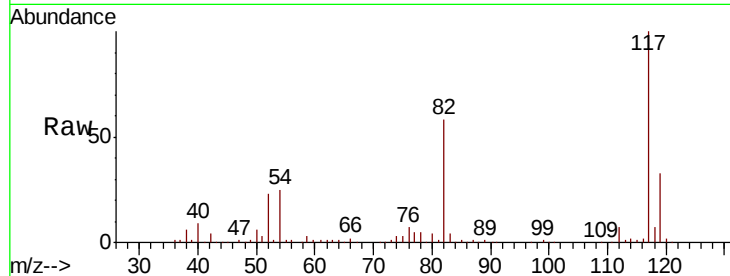
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.7	46.2	69.2
119	32.8	26.2	39.4

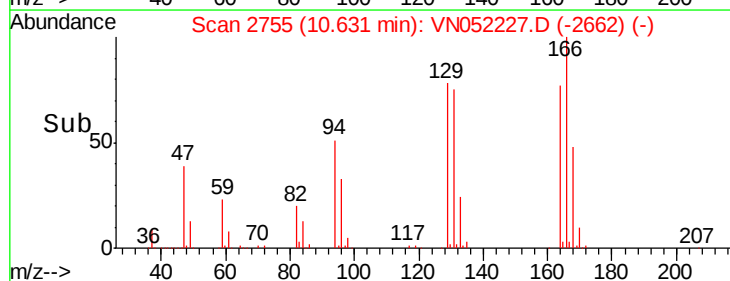
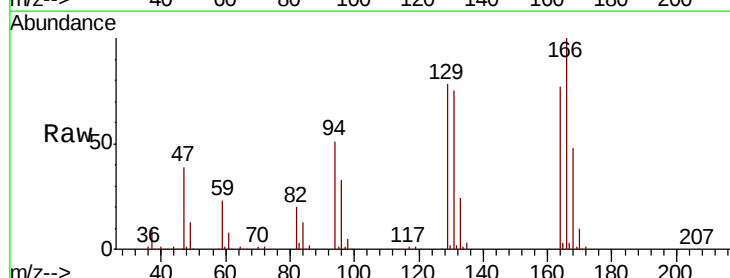
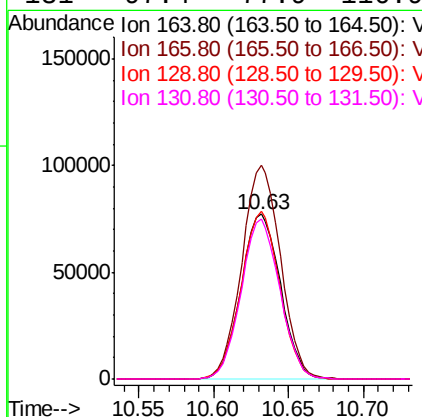
Manual Integrations
APPROVED

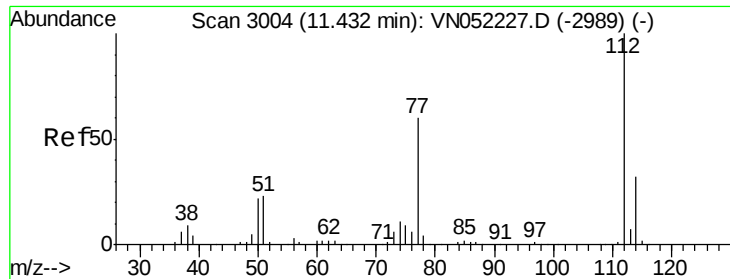
MMDadoda
11/12/2018 9:18:41 AM



#64
Tetrachloroethene
Concen: 48.510 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.5	103.6	155.4
129	101.3	81.0	121.6
131	97.4	77.9	116.9





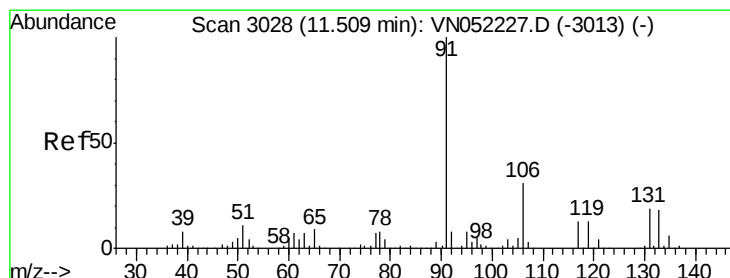
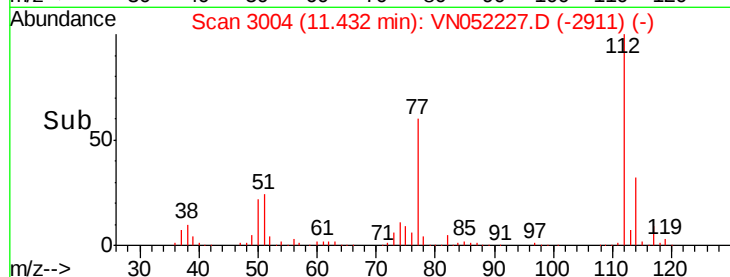
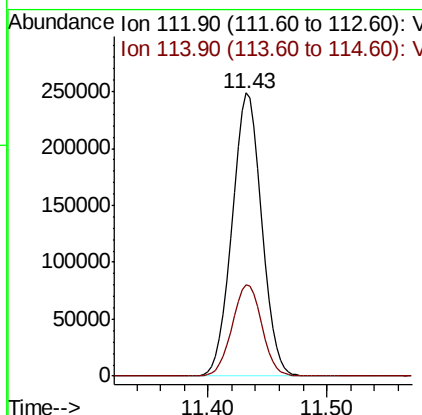
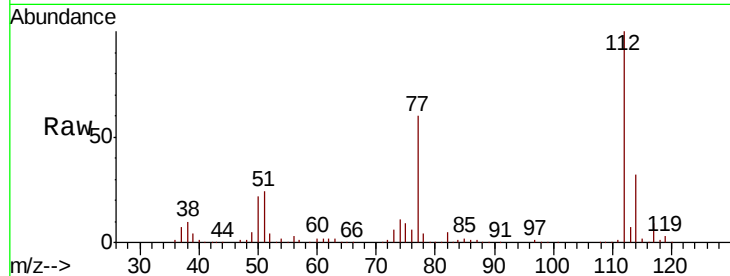
#65
Chlorobenzene
Concen: 48.163 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion:112 Resp: 427584
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5

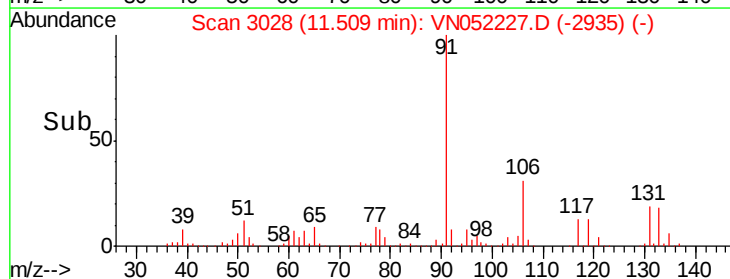
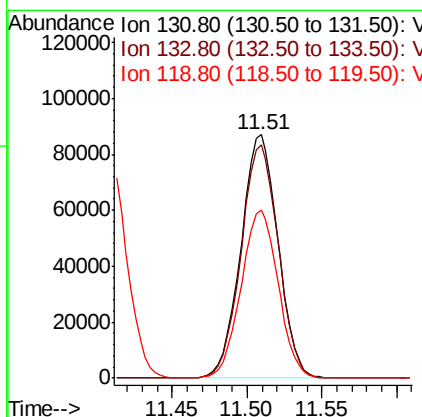
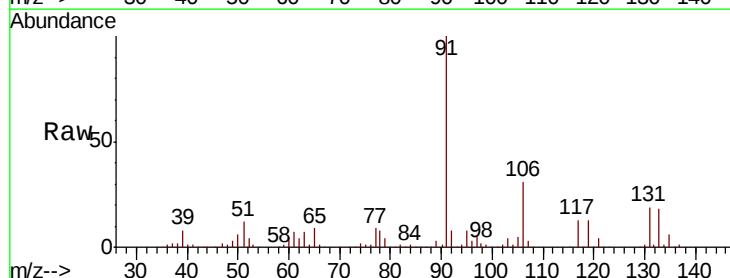
Manual Integrations
APPROVED

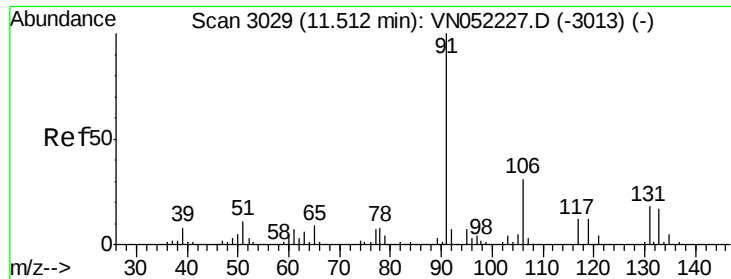
MMDadoda
11/12/2018 9:18:41 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.847 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Tgt Ion:131 Resp: 149902
Ion Ratio Lower Upper
131 100
133 96.6 48.3 144.9
119 69.3 34.6 103.9





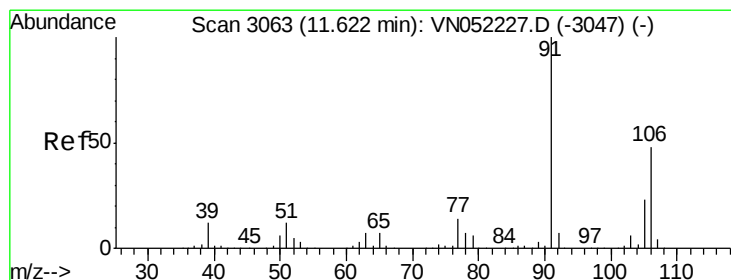
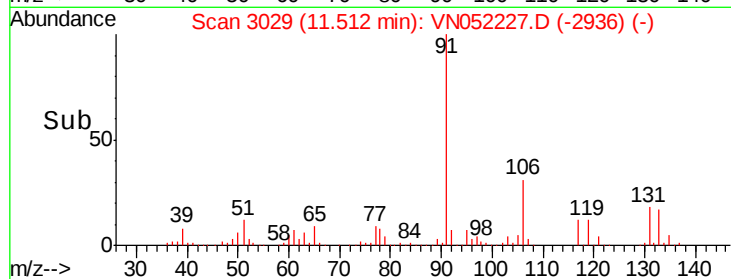
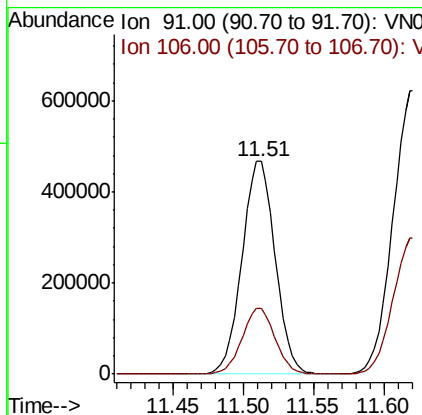
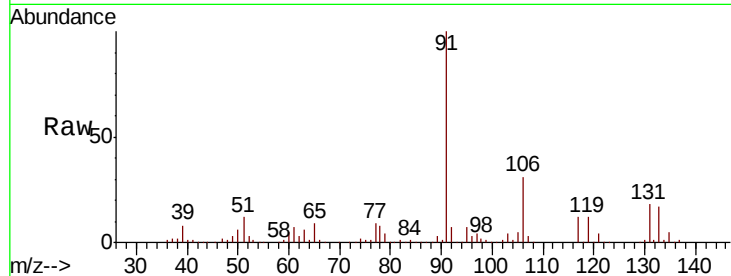
#67
Ethyl Benzene
Concen: 49.299 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 769828
Ion Ratio Lower Upper
91 100
106 30.9 24.7 37.1

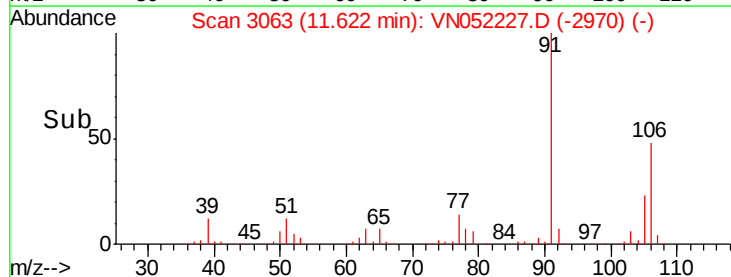
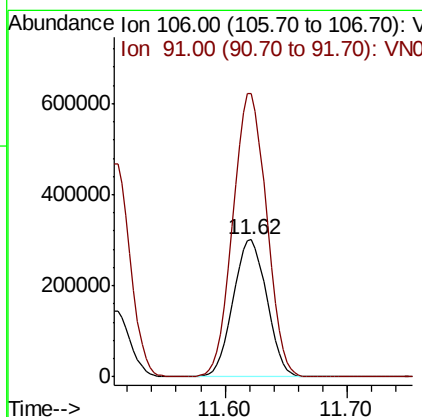
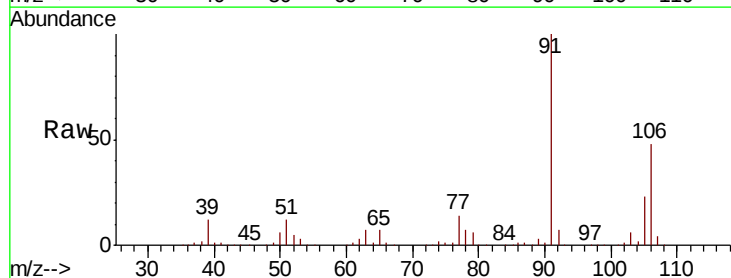
Manual Integrations
APPROVED

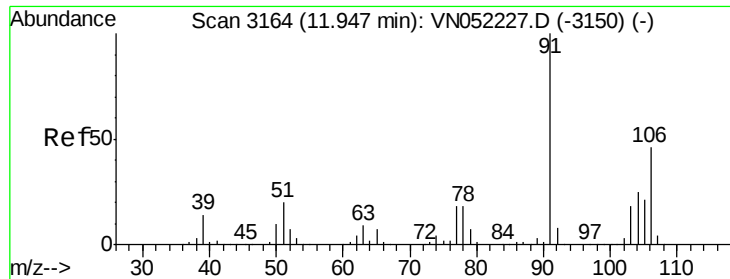
MMDadoda
11/12/2018 9:18:41 AM



#68
m/p-Xylenes
Concen: 98.713 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Tgt Ion: 106 Resp: 574058
Ion Ratio Lower Upper
106 100
91 207.1 165.7 248.5





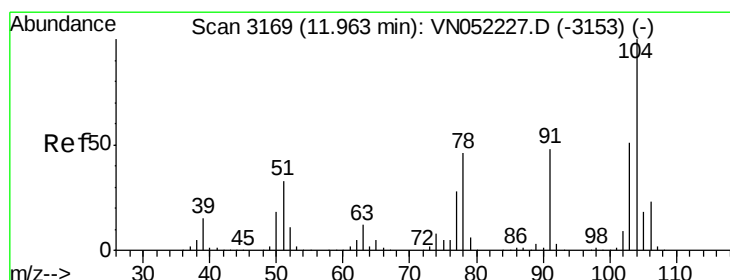
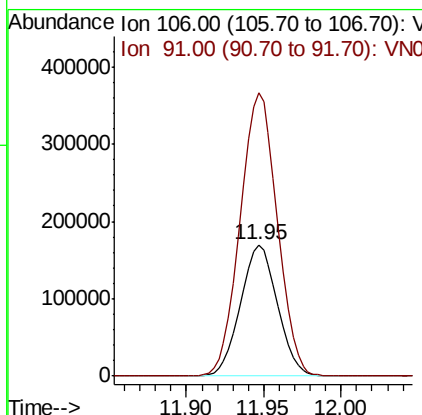
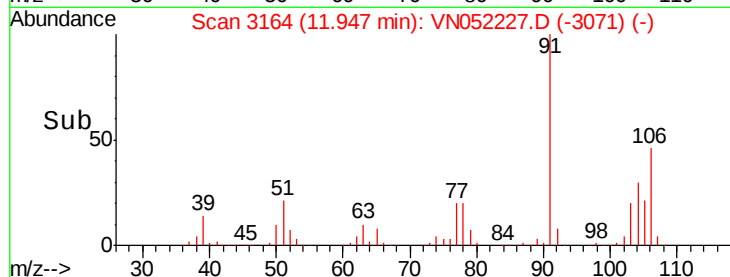
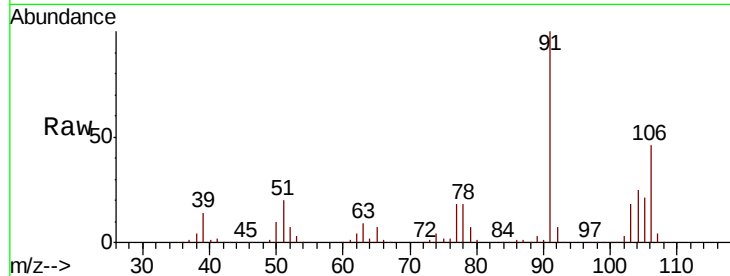
#69
o-Xylene
Concen: 50.684 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion:106 Resp: 281599
Ion Ratio Lower Upper
106 100
91 217.0 108.5 325.5

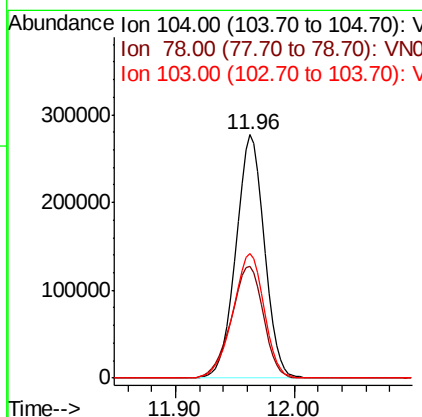
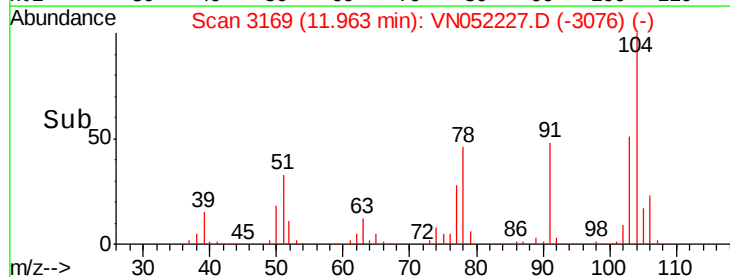
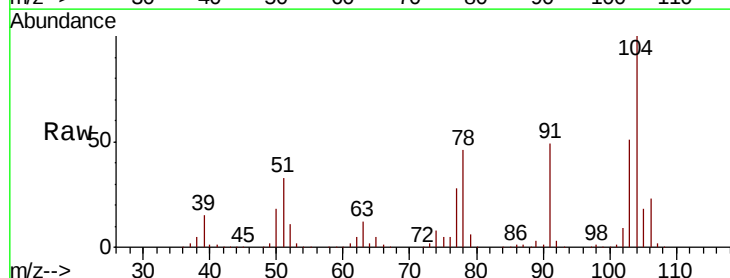
Manual Integrations
APPROVED

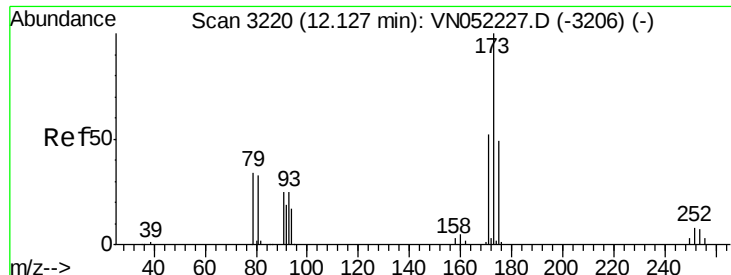
MMDadoda
11/12/2018 9:18:41 AM



#70
Styrene
Concen: 51.072 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Tgt Ion:104 Resp: 458442
Ion Ratio Lower Upper
104 100
78 52.2 41.8 62.6
103 56.1 44.9 67.3





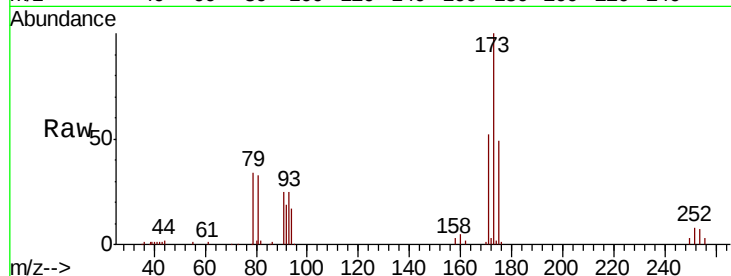
#71
Bromoform
Concen: 52.392 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

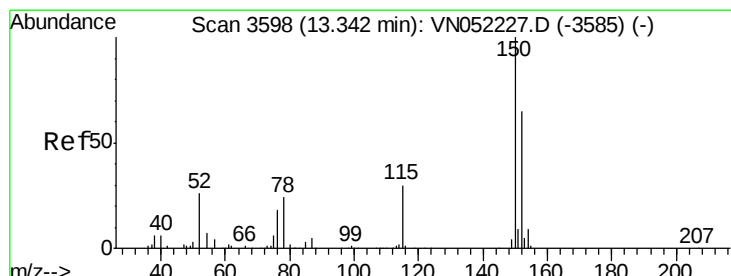
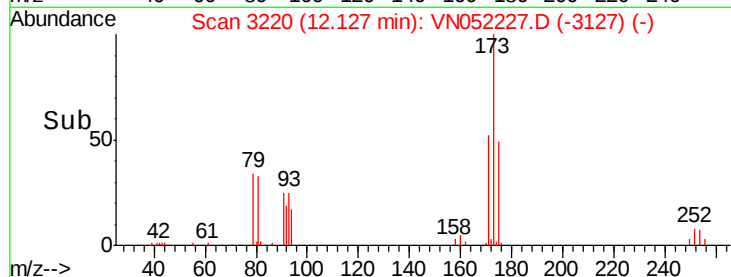
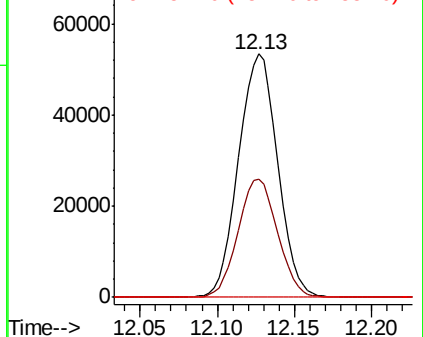
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.5	73.5
254	0.0	0.0	0.0

Manual Integrations
APPROVED

MMDadoda
11/12/2018 9:18:41 AM

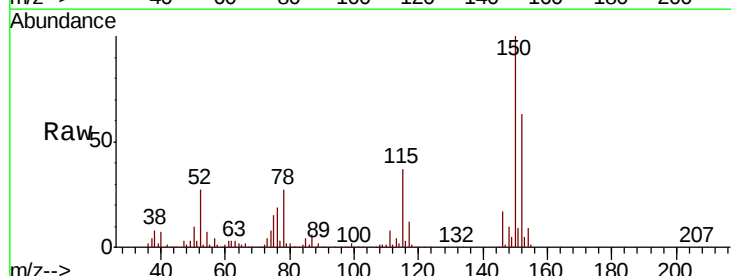


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

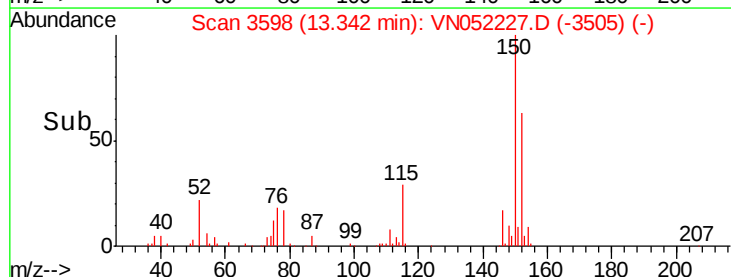
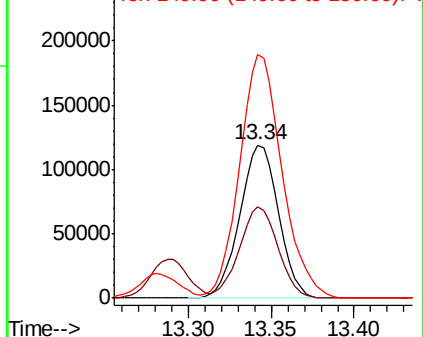


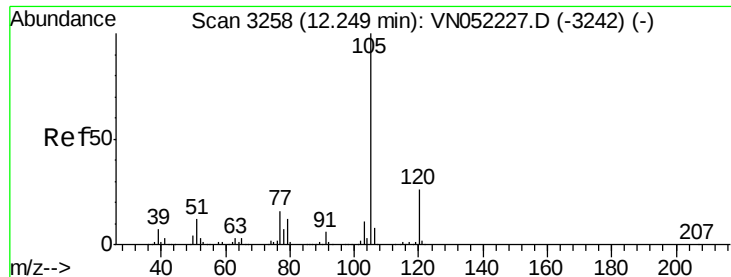
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.7	29.8	89.5
150	175.1	0.0	350.2



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





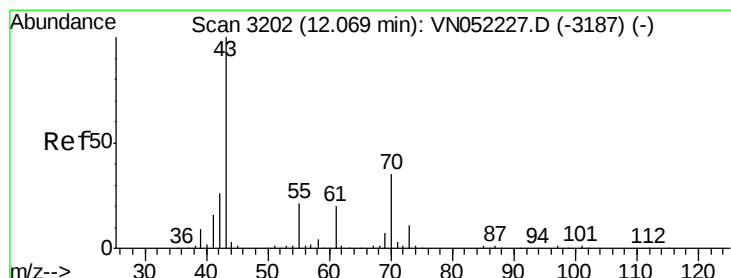
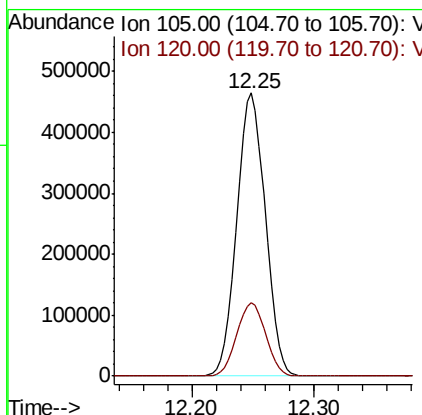
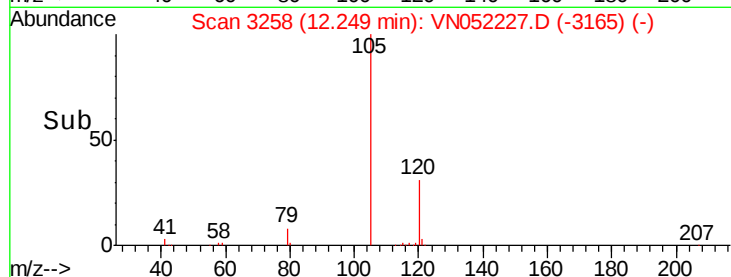
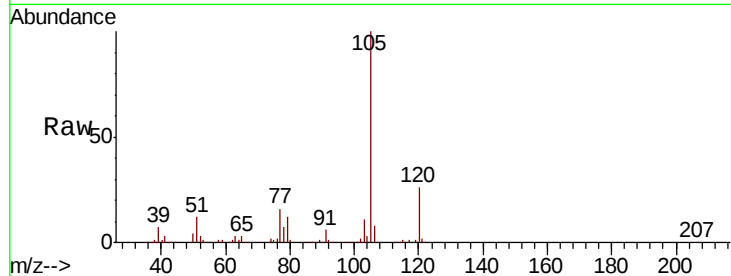
#73
Isopropylbenzene
Concen: 47.616 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.1	39.1

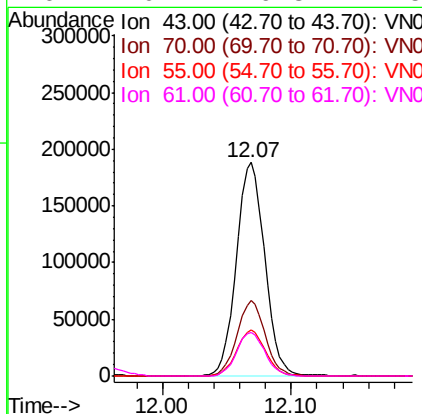
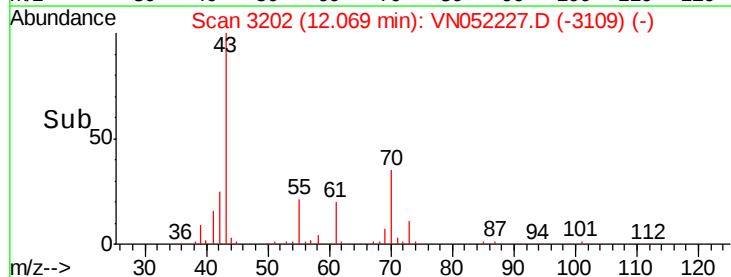
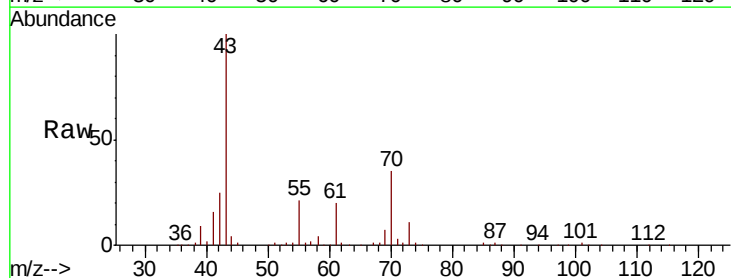
Manual Integrations
APPROVED

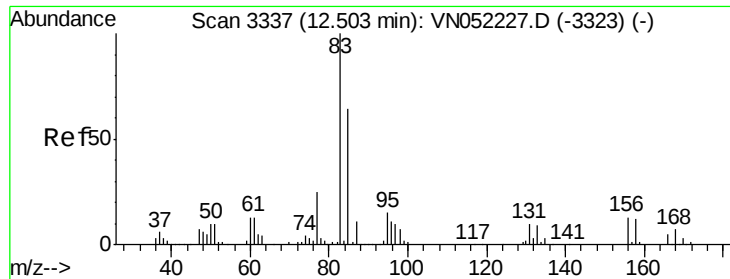
MMDadoda
11/12/2018 9:18:41 AM



#74
N-ethyl acetate
Concen: 50.188 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Tgt Ion	Ratio	Lower	Upper
43	100		
70	35.2	28.2	42.2
55	21.8	17.4	26.2
61	20.4	16.3	24.5





#75

1,1,2,2-Tetrachloroethane

Concen: 46.411 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN052227.D

Acq: 9 Nov 2018 14:59

Instrument :

MSVOA_N

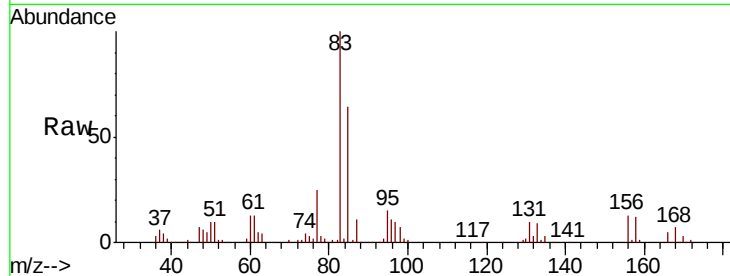
ClientSampleId :

VSTDICCC050

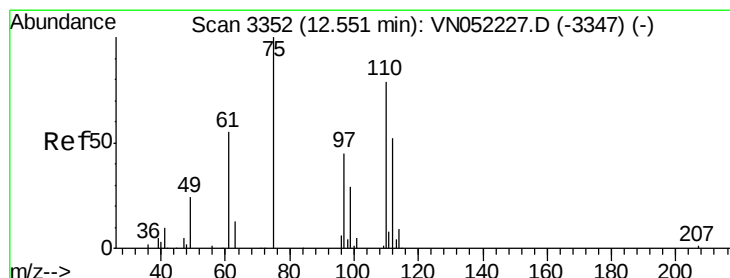
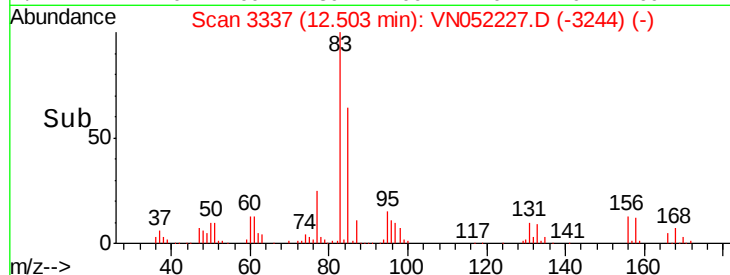
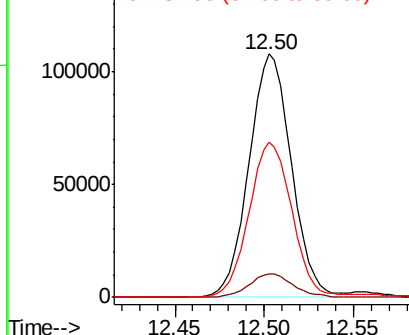
Tot Ion:	83	Resp:	179352
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.1	15.2
85	64.8	32.4	97.2

Manual Integrations
APPROVED

MMDadoda
11/12/2018 9:18:41 AM



Abundance Ion 82.90 (82.60 to 83.60): VNC
Ion 130.80 (130.50 to 131.50): VNC
Ion 84.90 (84.60 to 85.60): VNC



#76

1,2,3-Trichloropropane

Concen: 52.997 ug/l m

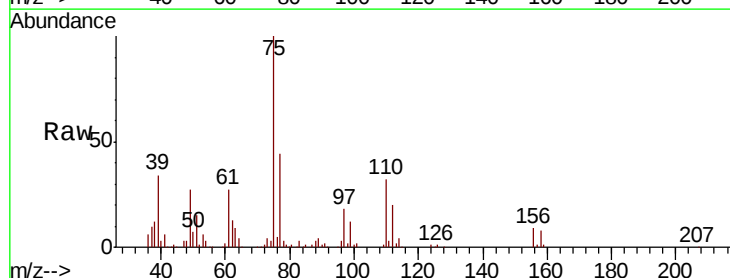
RT: 12.55 min Scan# 3352

Delta R.T. 0.00 min

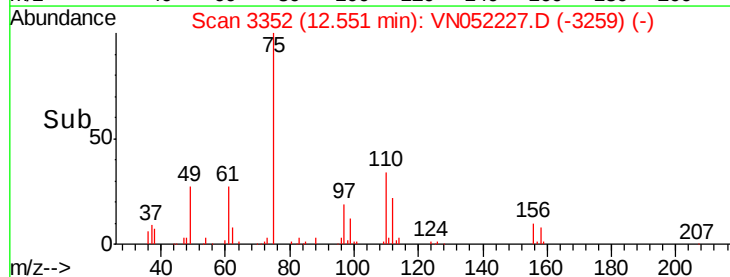
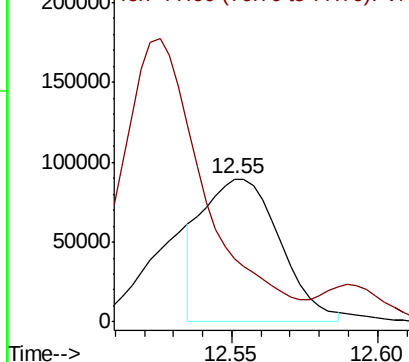
Lab File: VN052227.D

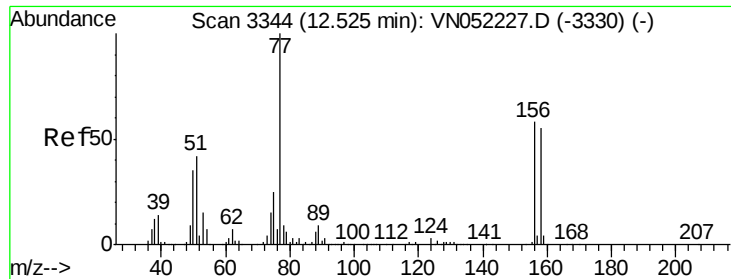
Acq: 9 Nov 2018 14:59

Tgt Ion:	75	Resp:	163954
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VNC
Ion 77.00 (76.70 to 77.70): VNC





#77

Bromobenzene

Concen: 47.187 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN052227.D

Acq: 9 Nov 2018 14:59

Instrument :

MSVOA_N

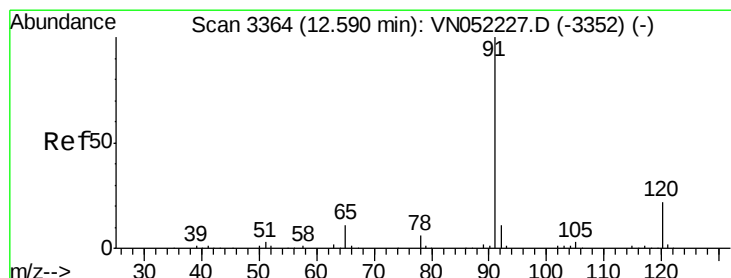
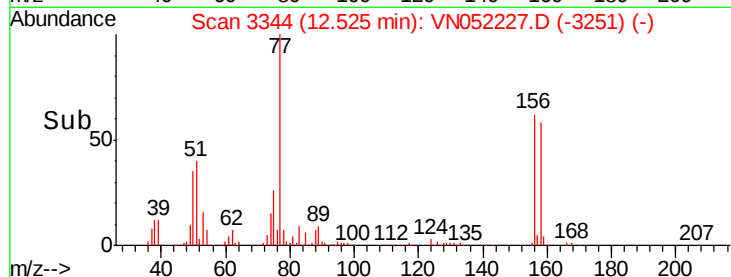
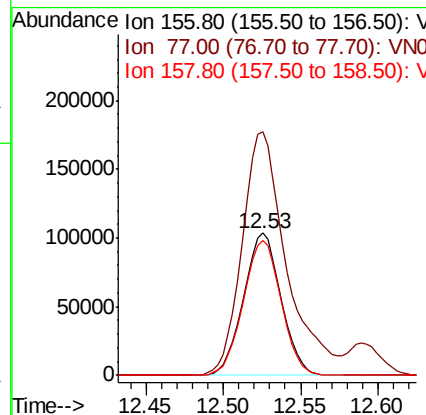
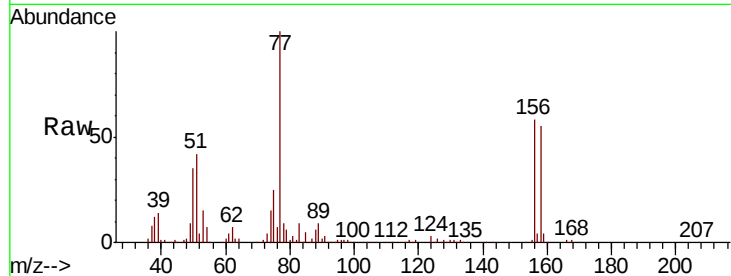
ClientSampleId :

VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
174114	156	100		
	77	202.2	101.1	303.3
	158	95.5	47.8	143.3

Manual Integrations
APPROVED

MMDadoda
11/12/2018 9:18:41 AM



#78

n-propylbenzene

Concen: 48.033 ug/l

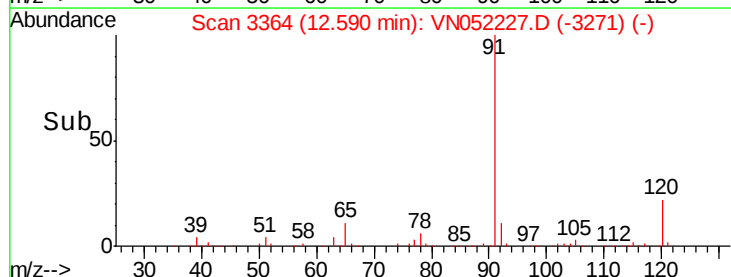
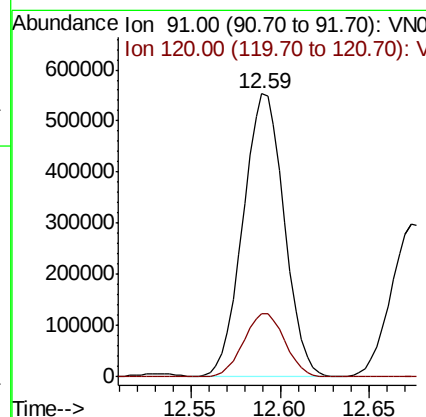
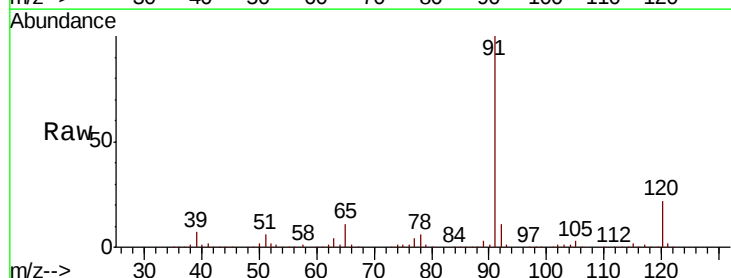
RT: 12.59 min Scan# 3364

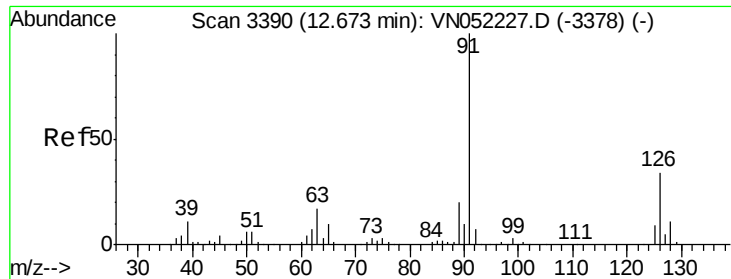
Delta R.T. 0.00 min

Lab File: VN052227.D

Acq: 9 Nov 2018 14:59

Tgt Ion	Ion	Ratio	Lower	Upper
886792	91	100		
	120	22.5	11.3	33.8





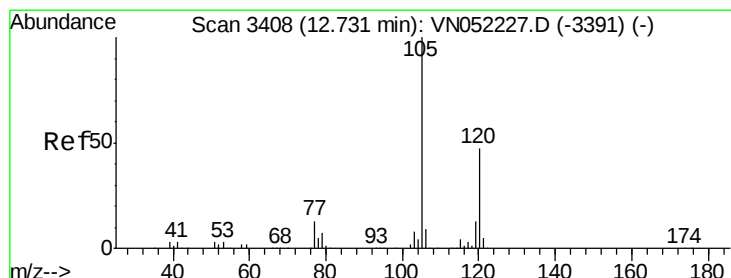
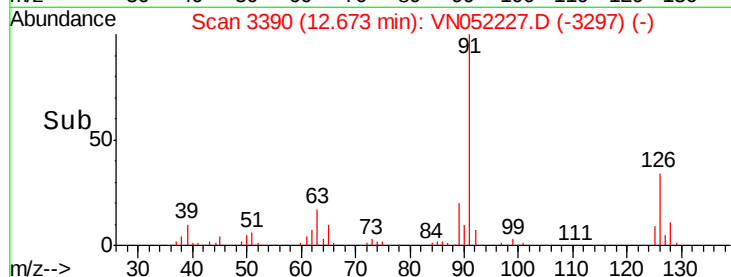
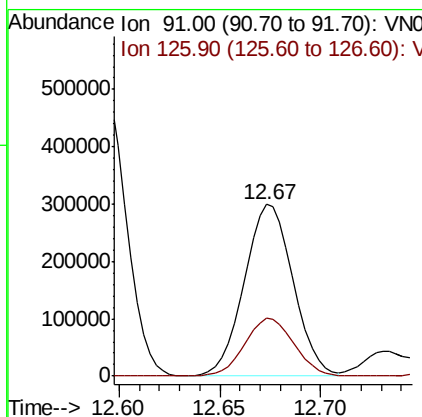
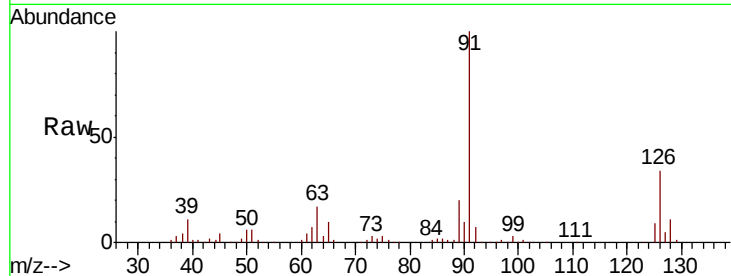
#79
2-Chlorotoluene
Concen: 47.257 ug/l
RT: 12.67 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 505440
Ion Ratio Lower Upper
91 100
126 34.0 17.0 51.0

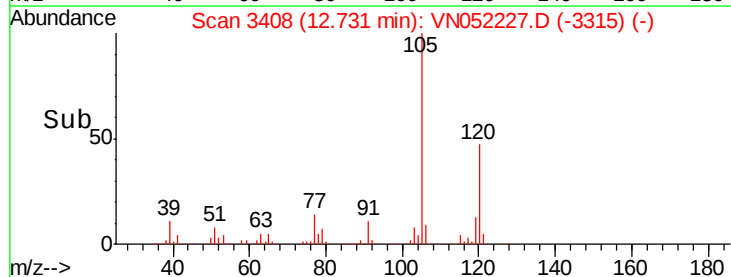
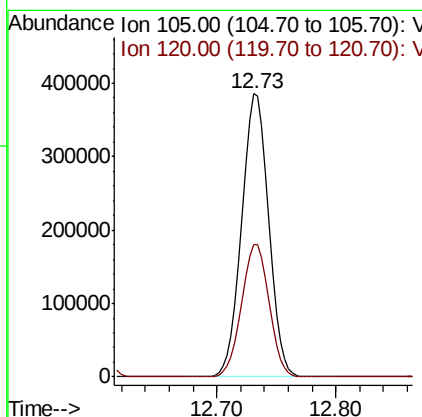
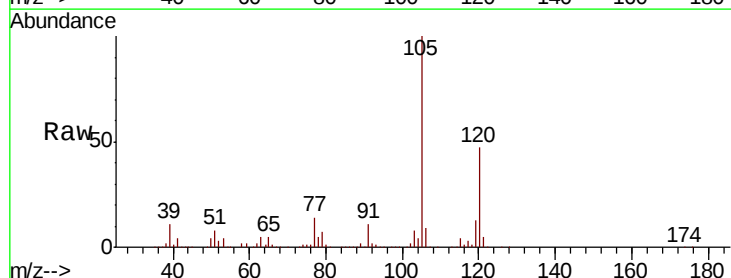
Manual Integrations
APPROVED

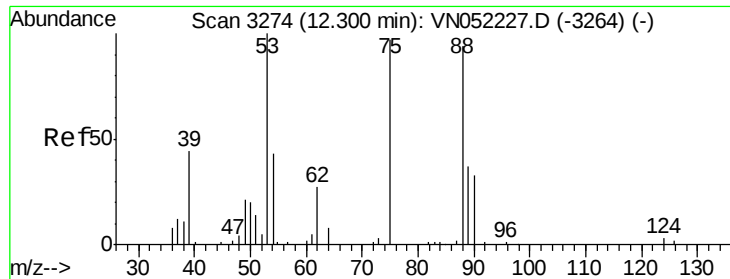
MMDadoda
11/12/2018 9:18:41 AM



#80
1,3,5-Trimethylbenzene
Concen: 48.306 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Tgt Ion: 105 Resp: 605576
Ion Ratio Lower Upper
105 100
120 47.9 23.9 71.8





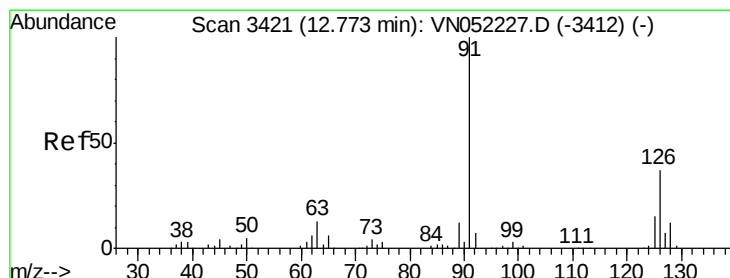
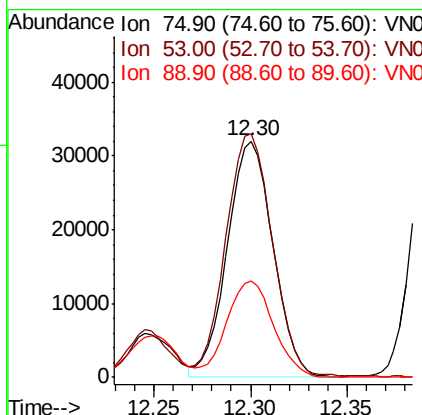
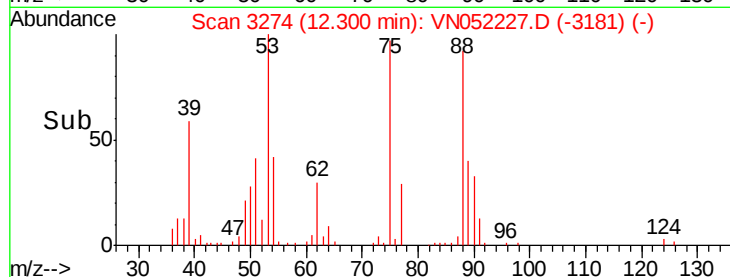
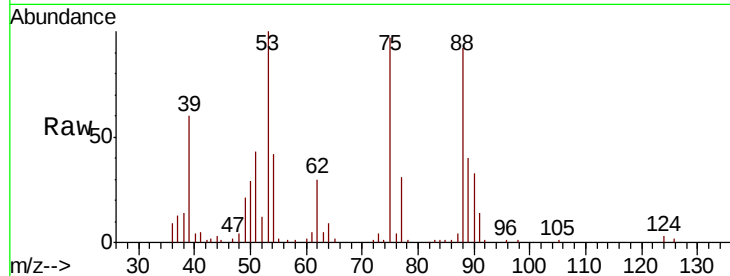
#81
trans-1,4-Dichloro-2-butene
Concen: 52.585 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.0	84.0	126.0
89	42.1	33.7	50.5

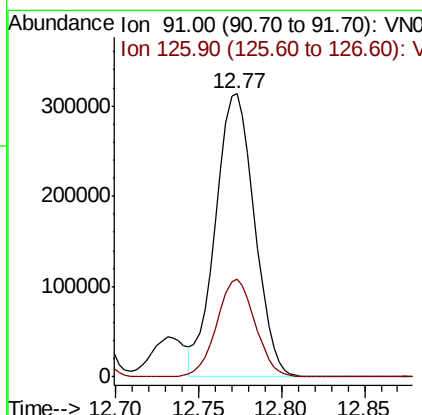
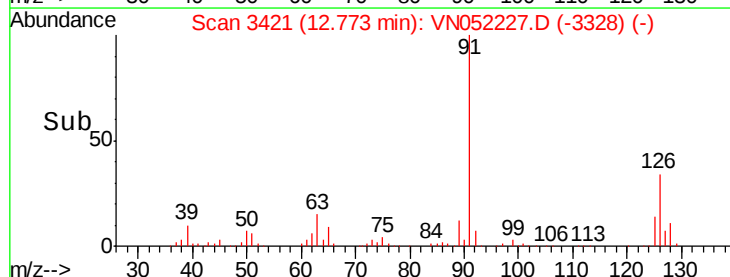
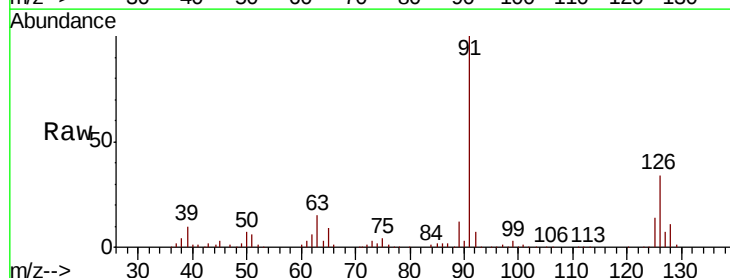
Manual Integrations
APPROVED

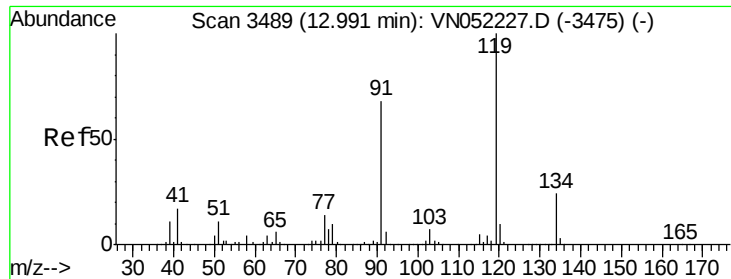
MMDadoda
11/12/2018 9:18:41 AM



#82
4-Chlorotoluene
Concen: 47.794 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.8	16.9	50.7





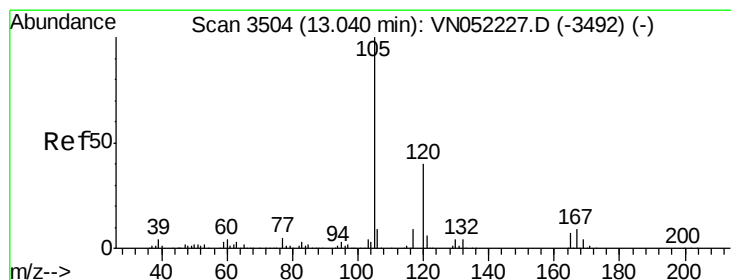
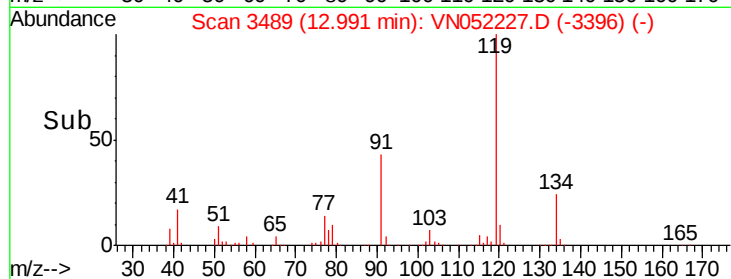
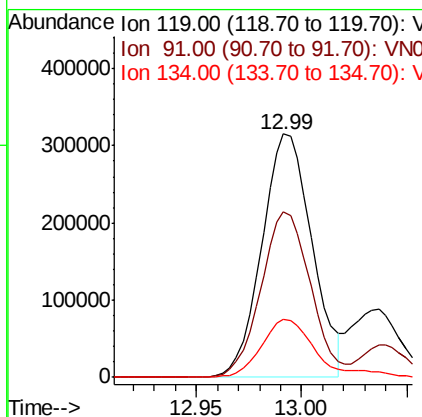
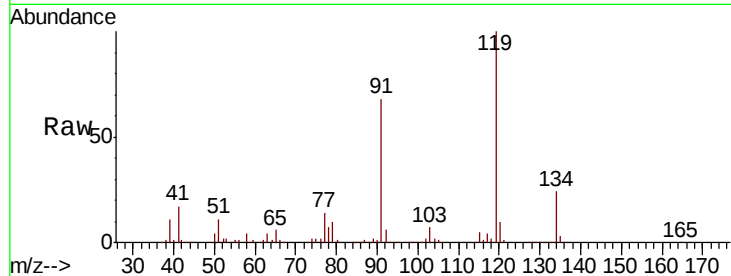
#83
tert-Butylbenzene
Concen: 47.703 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.9	33.5	100.4
134	25.9	13.0	38.9

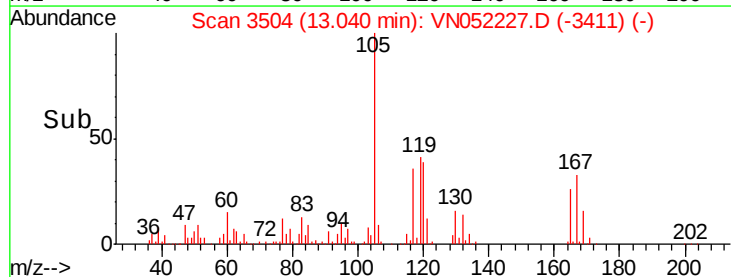
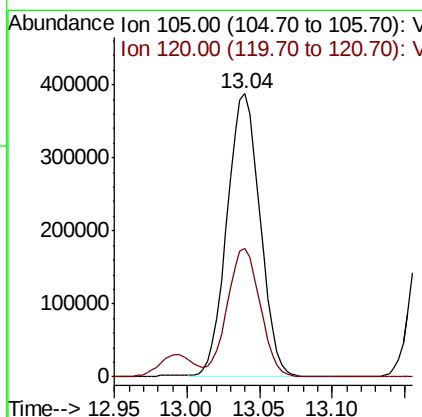
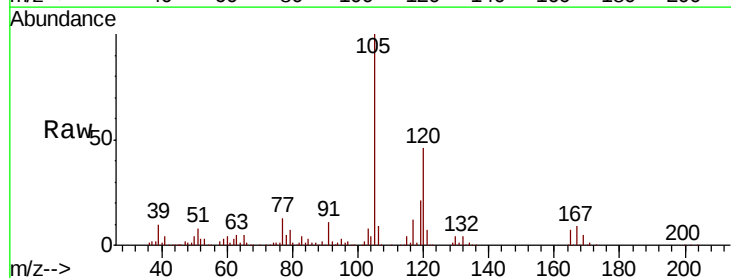
Manual Integrations
APPROVED

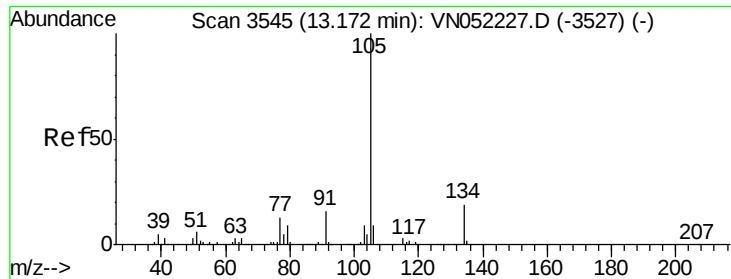
MMDadoda
11/12/2018 9:18:41 AM



#84
1,2,4-Trimethylbenzene
Concen: 48.564 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.7	68.1





#85

sec-Butylbenzene

Concen: 49.061 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN052227.D

Acq: 9 Nov 2018 14:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 736361

Ion Ratio Lower Upper

105 100

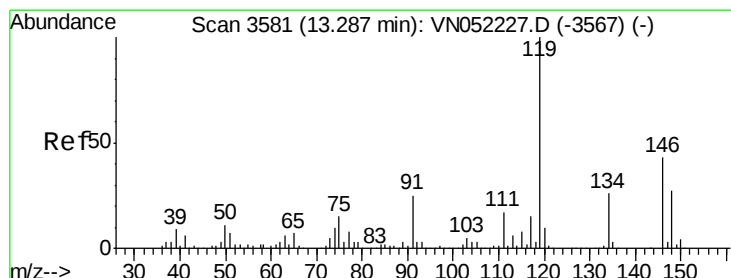
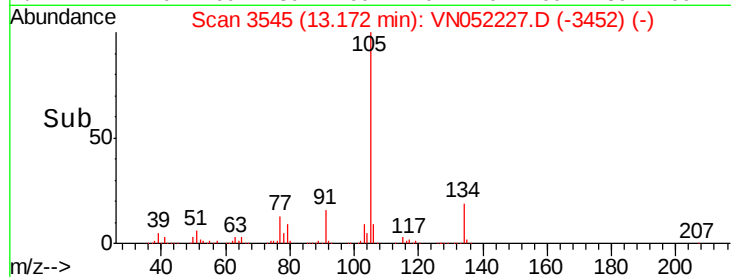
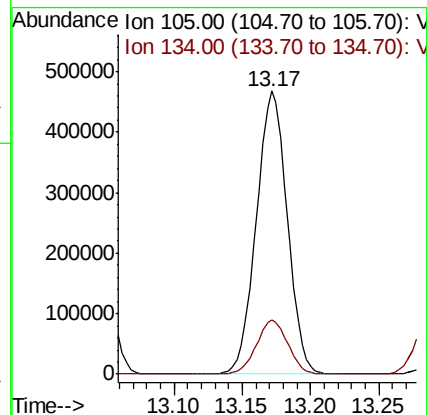
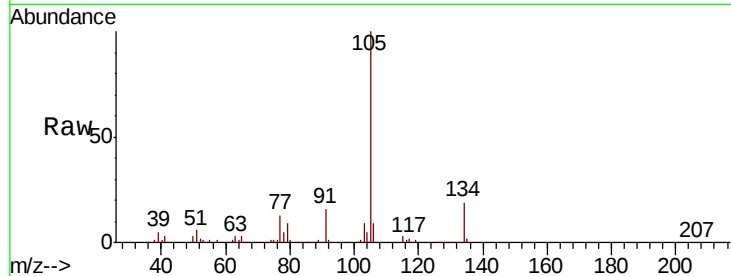
134 19.3 9.7 28.9

Manual Integrations

APPROVED

MMDadoda

11/12/2018 9:18:41 AM



#86

p-Isopropyltoluene

Concen: 49.323 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN052227.D

Acq: 9 Nov 2018 14:59

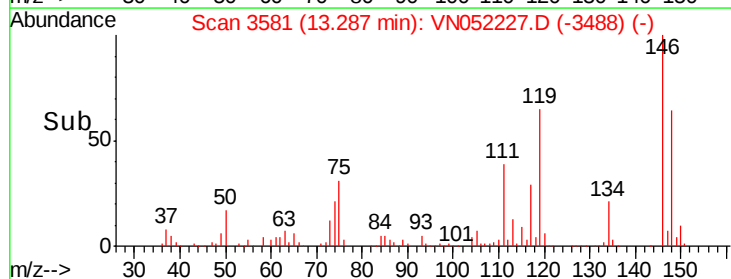
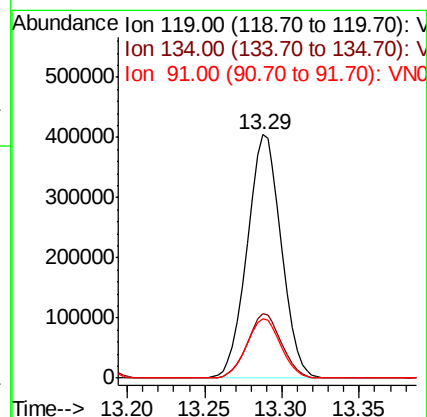
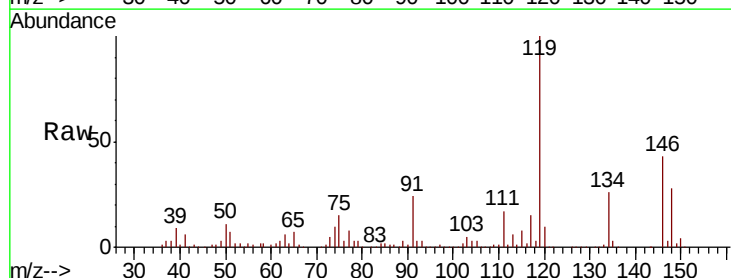
Tgt Ion:119 Resp: 619313

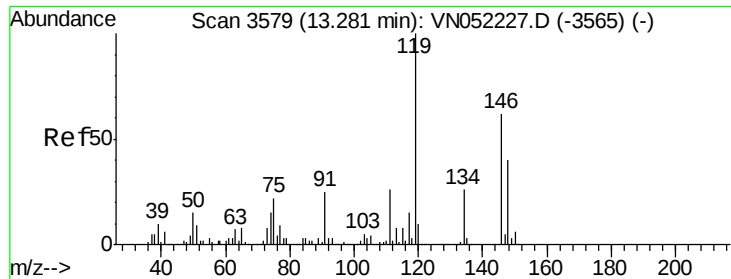
Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.6

91 24.7 12.4 37.0





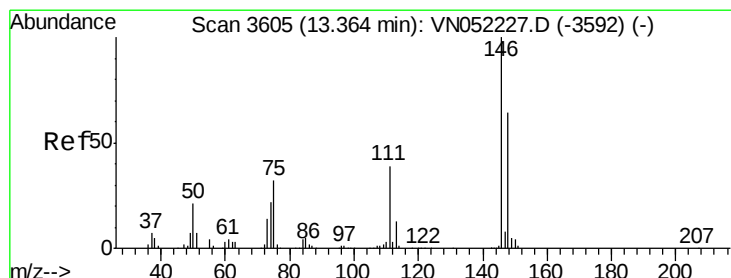
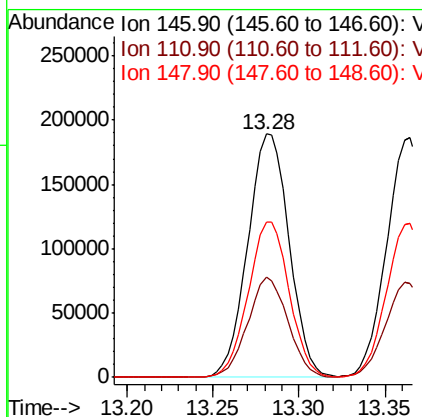
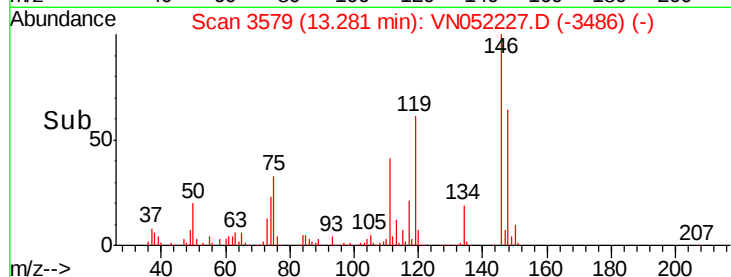
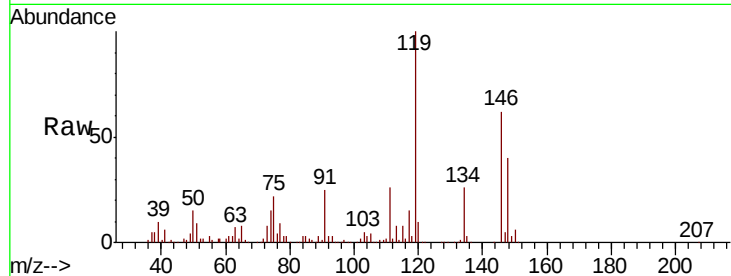
#87
 1,3-Dichlorobenzene
 Concen: 49.126 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	315553		
111	40.2	20.1	60.3	
148	63.1	31.6	94.7	

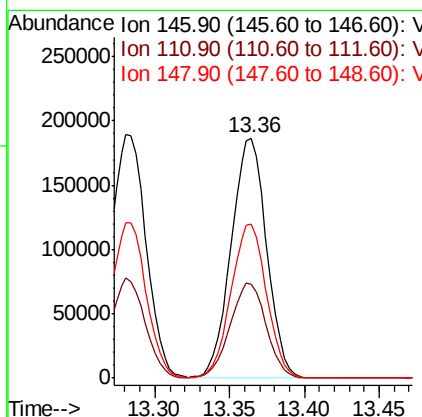
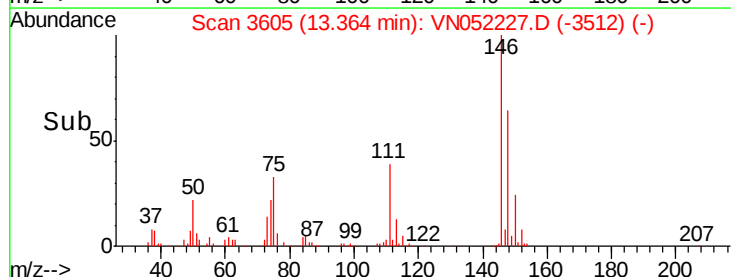
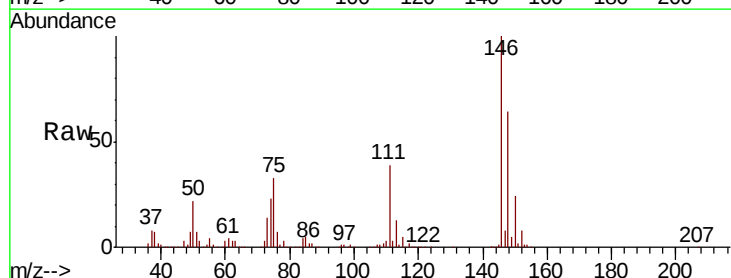
Manual Integrations
 APPROVED

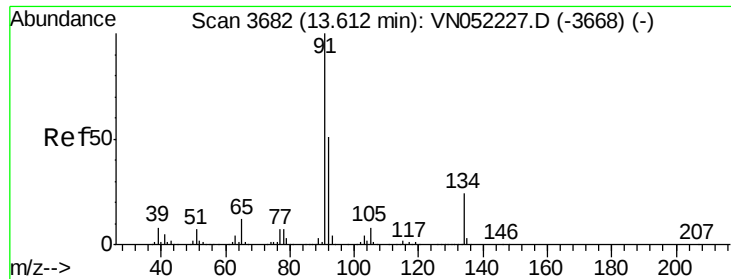
MMDadoda
 11/12/2018 9:18:41 AM



#88
 1,4-Dichlorobenzene
 Concen: 47.900 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	308025		
111	40.4	20.2	60.6	
148	64.2	32.1	96.3	





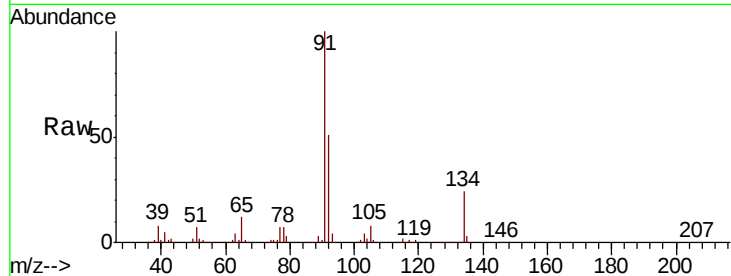
#89
n-Butylbenzene
Concen: 50.517 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

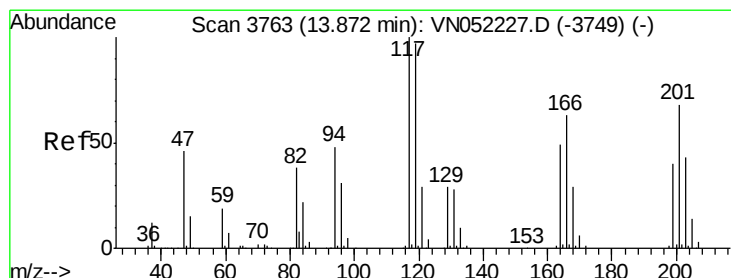
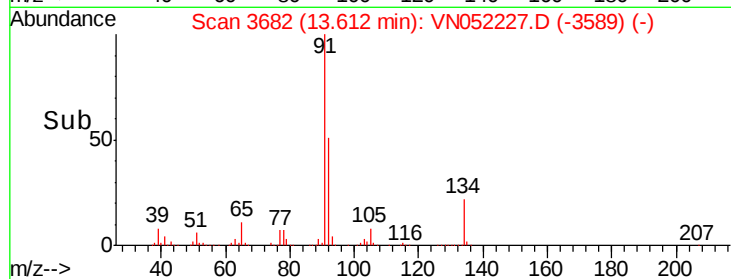
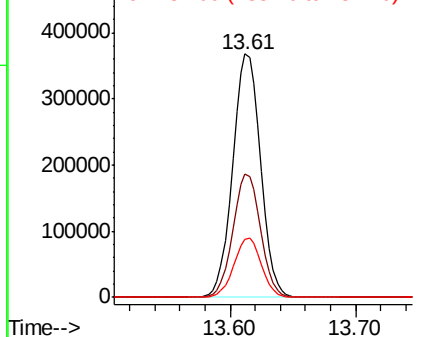
Tot Ion	Ratio	Lower	Upper
91	100		
92	50.2	25.1	75.3
134	24.1	12.0	36.1

Manual Integrations
APPROVED

MMDadoda
11/12/2018 9:18:41 AM

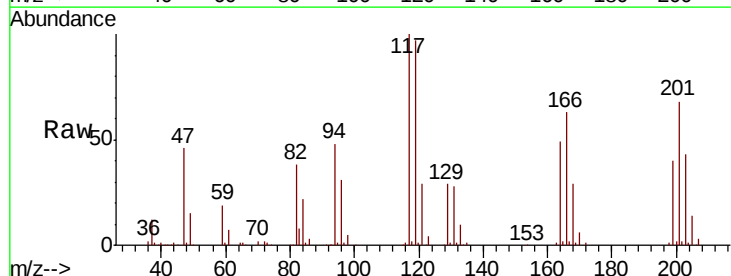


Abundance Ion 91.00 (90.70 to 91.70): VN052227.D (-3668) (-)
Ion 92.00 (91.70 to 92.70): VN052227.D (-3668) (-)
Ion 134.00 (133.70 to 134.70): VN052227.D (-3668) (-)

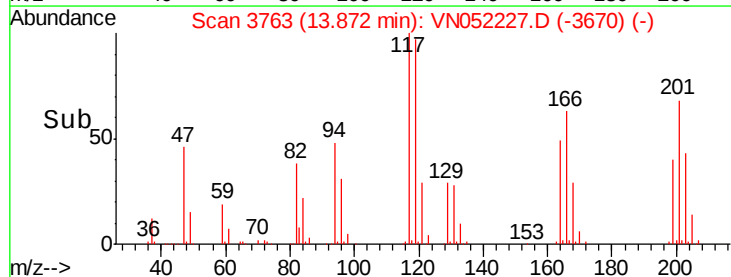
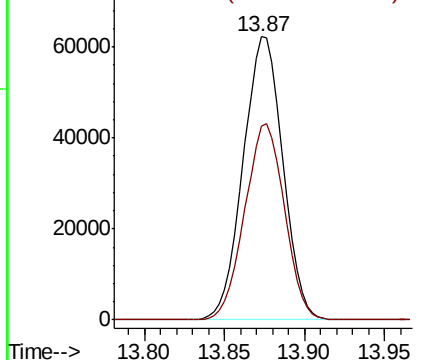


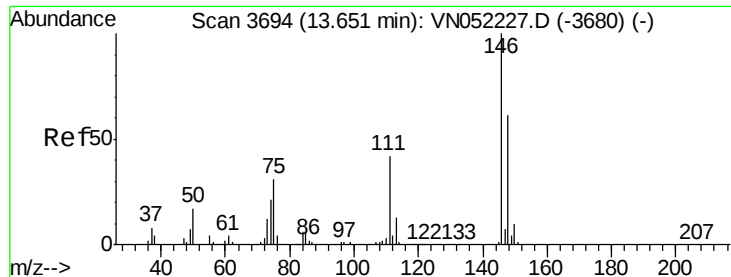
#90
Hexachloroethane
Concen: 48.077 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.3	34.6	103.9



Abundance Ion 116.80 (116.50 to 117.50): VN052227.D (-3749) (-)
Ion 200.70 (200.40 to 201.40): VN052227.D (-3749) (-)





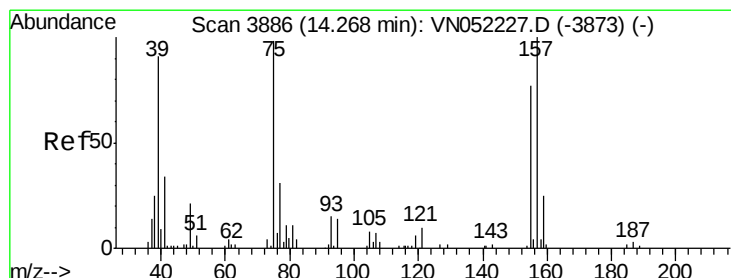
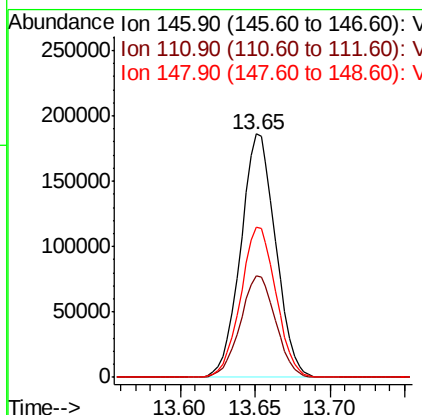
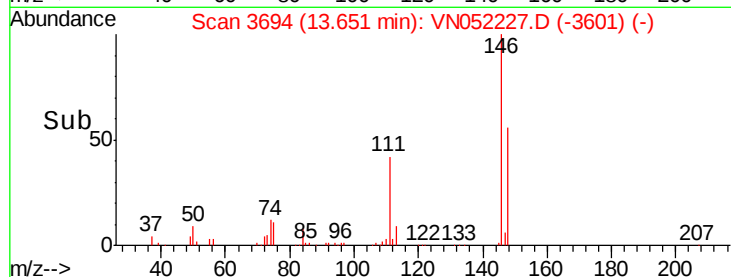
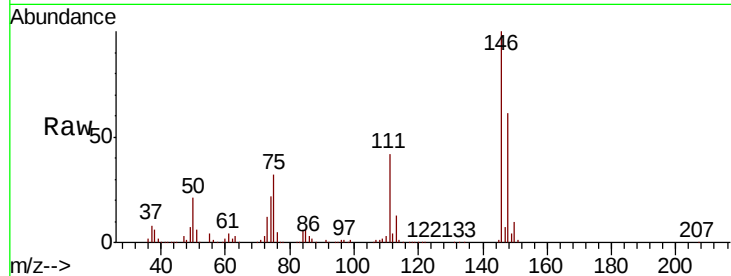
#91
 1,2-Dichlorobenzene
 Concen: 48.100 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.1	63.3
148	62.5	31.3	93.8

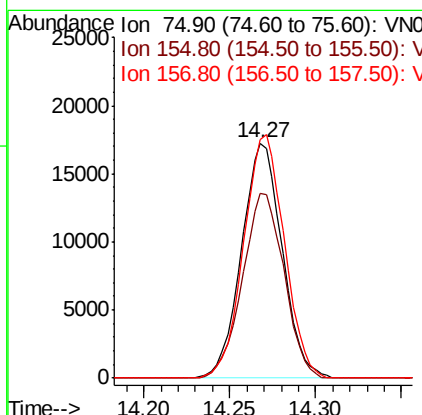
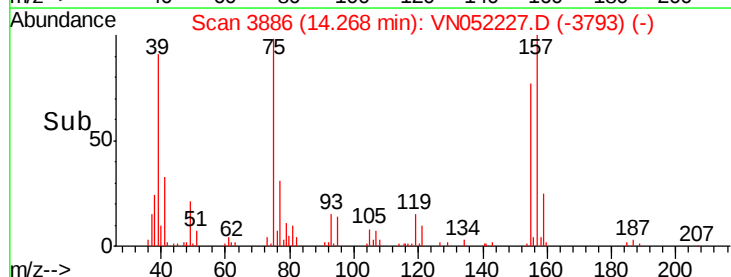
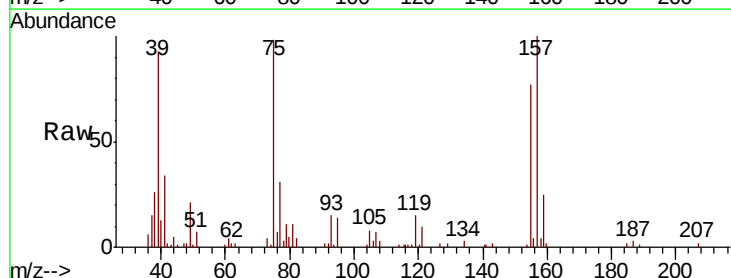
Manual Integrations
 APPROVED

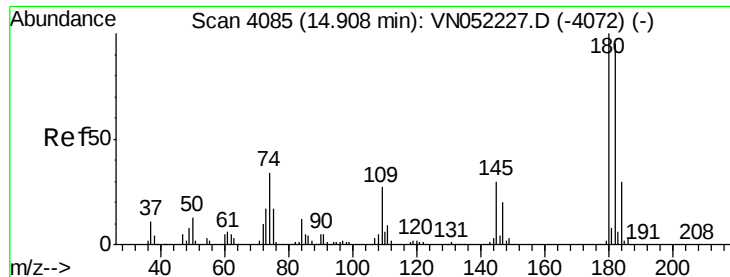
MMDadoda
 11/12/2018 9:18:41 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.469 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.3	40.2	120.5
157	103.5	51.7	155.2





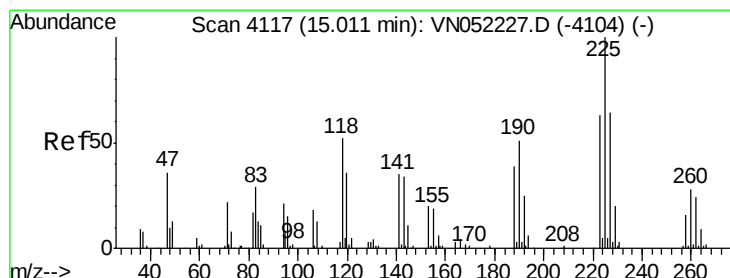
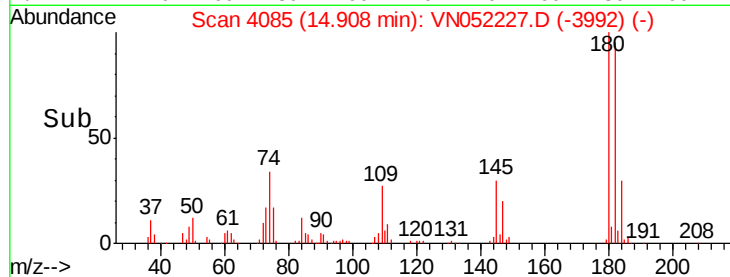
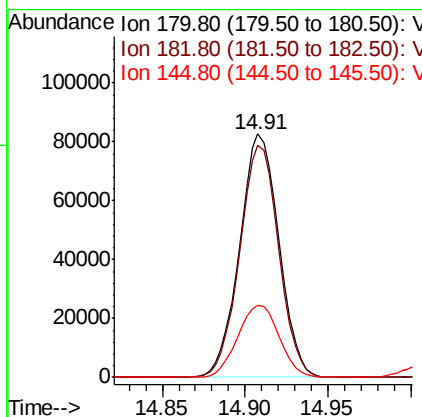
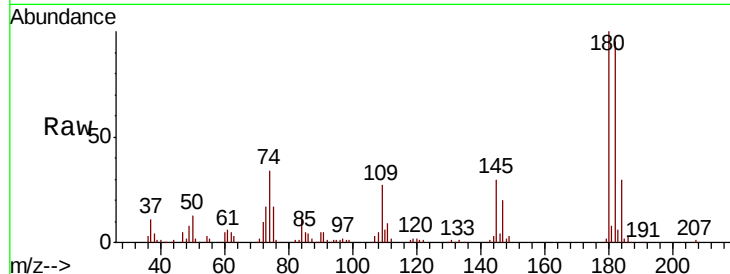
#93
 1,2,4-Trichlorobenzene
 Concen: 54.924 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	136147		
182	94.7	47.3	142.0	
145	31.2	15.6	46.8	

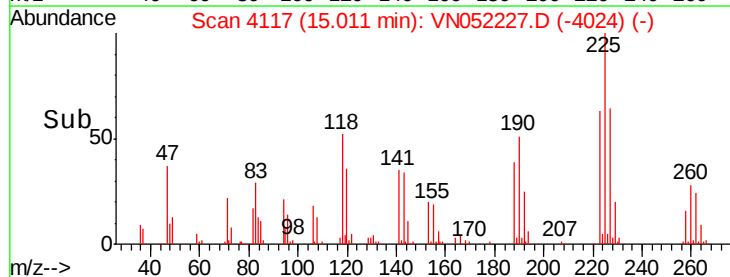
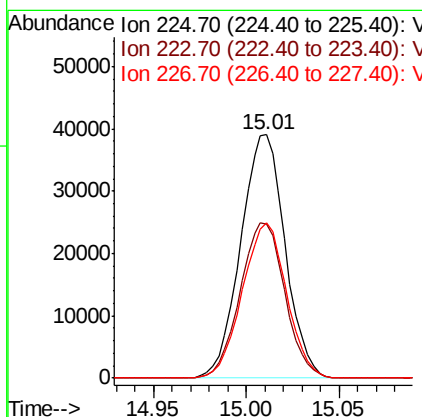
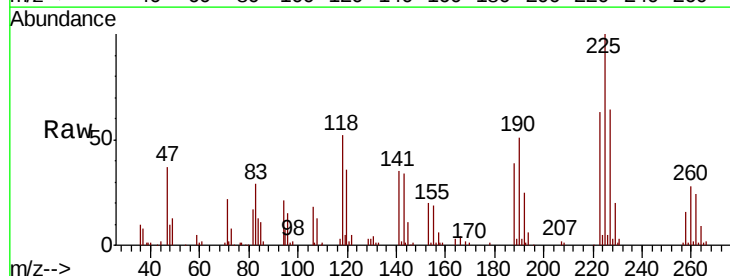
Manual Integrations
 APPROVED

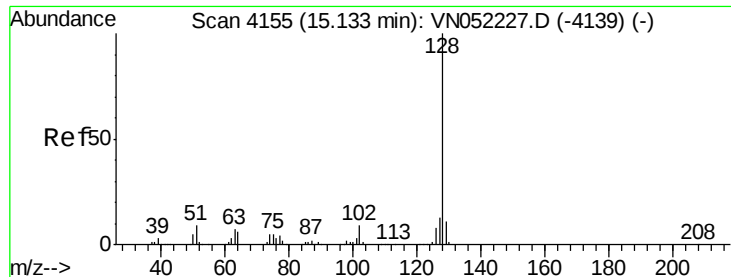
MMDadoda
 11/12/2018 9:18:41 AM



#94
 Hexachlorobutadiene
 Concen: 48.285 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN052227.D
 Acq: 9 Nov 2018 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	65039		
223	64.2	32.1	96.3	
227	63.6	31.8	95.4	





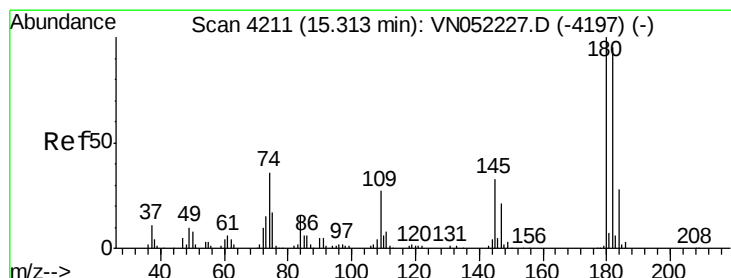
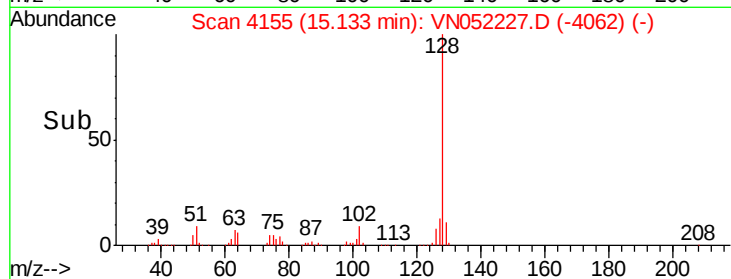
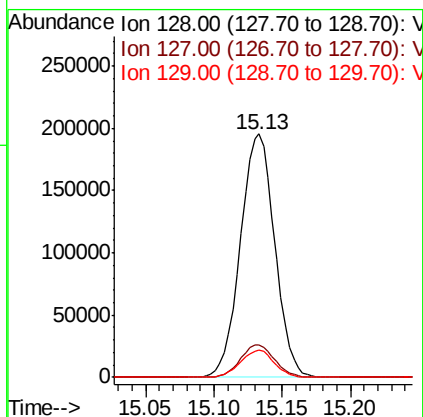
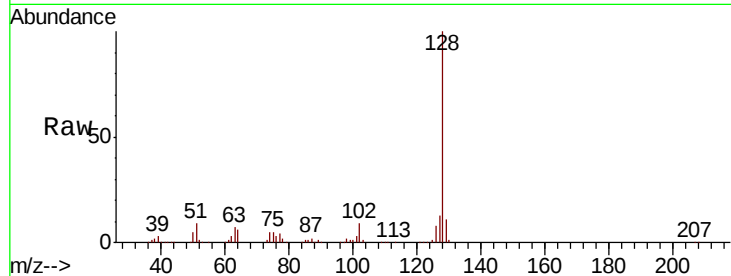
#95
Naphthalene
Concen: 55.829 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	16.0
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/12/2018 9:18:41 AM



#96
1,2,3-Trichlorobenzene
Concen: 52.330 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN052227.D
Acq: 9 Nov 2018 14:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.7	143.1
145	33.5	16.8	50.3

