

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041819\
 Data File : VN055113.D
 Acq On : 18 Apr 2019 9:16
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/19/2019 5:46:45 PM

Quant Time: Apr 19 09:11:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 12:28:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	408891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	637380	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	569122	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	246555	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	246140	45.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.58%	
35) Dibromofluoromethane	7.59	113	206928	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
50) Toluene-d8	10.09	98	762294	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
62) 4-Bromofluorobenzene	12.40	95	260757	52.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	216406	46.570	ug/l	98
3) Chloromethane	2.06	50	269395	44.448	ug/l	98
4) Vinyl Chloride	2.19	62	226231	44.409	ug/l	99
5) Bromomethane	2.54	94	120292	41.740	ug/l	99
6) Chloroethane	2.70	64	121786	44.331	ug/l	98
7) Trichlorofluoromethane	3.01	101	296744	46.577	ug/l	99
8) Diethyl Ether	3.41	74	92152	45.313	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	157805	47.330	ug/l	99
10) Methyl Iodide	3.94	142	277776	53.687	ug/l	95
11) Tert butyl alcohol	4.82	59	70632	237.083	ug/l	97
12) 1,1-Dichloroethene	3.72	96	143749	44.294	ug/l	99
13) Acrolein	3.60	56	74985	203.627	ug/l	94
14) Allyl chloride	4.31	41	373947	47.073	ug/l	99
15) Acrylonitrile	4.99	53	426189	239.101	ug/l	99
16) Acetone	3.82	43	383550	259.998	ug/l	100
17) Carbon Disulfide	4.03	76	460778	43.983	ug/l	99
18) Methyl Acetate	4.33	43	206568	48.572	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	549587	47.340	ug/l	98
20) Methylene Chloride	4.54	84	227658	43.900	ug/l	95
21) trans-1,2-Dichloroethene	5.03	96	201959	46.011	ug/l	96
22) Diisopropyl ether	5.95	45	794291	48.638	ug/l	98
23) Vinyl Acetate	5.90	43	2706368	250.723	ug/l	99
24) 1,1-Dichloroethane	5.84	63	412211	47.400	ug/l	98
25) 2-Butanone	6.84	43	565187	256.702	ug/l	100
26) 2,2-Dichloropropane	6.82	77	279363	50.897	ug/l	99
27) cis-1,2-Dichloroethene	6.82	96	238165	47.960	ug/l	99
28) Bromochloromethane	7.19	49	188931	45.068	ug/l	99
29) Tetrahydrofuran	7.22	42	332737	230.456	ug/l	99
30) Chloroform	7.37	83	398323	47.154	ug/l	99
31) Cyclohexane	7.65	56	372738	48.441	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	319618	47.757	ug/l	100
36) 1,1-Dichloropropene	7.79	75	292310	48.649	ug/l	99
37) Ethyl Acetate	6.93	43	222709	45.529	ug/l	99
38) Carbon Tetrachloride	7.77	117	269731	47.184	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	324300	49.808	ug/l	99
40) Benzene	8.04	78	882919	48.756	ug/l	99
41) Methacrylonitrile	7.17	41	141344	52.054	ug/l	93
42) 1,2-Dichloroethane	8.12	62	304170	48.378	ug/l	99
43) Isopropyl Acetate	8.17	43	369394	49.009	ug/l	98
44) Trichloroethene	8.83	130	226559	49.949	ug/l	99
45) 1,2-Dichloropropane	9.12	63	252515	50.000	ug/l	99
46) Dibromomethane	9.21	93	142377	49.529	ug/l	97
47) Bromodichloromethane	9.40	83	302138	50.980	ug/l	98
48) Methyl methacrylate	9.20	41	188463	50.446	ug/l	100
49) 1,4-Dioxane	9.20	88	43402	1240.018	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	1104034	253.539	ug/l	99
52) Toluene	10.15	92	533552	51.443	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	284296	54.891	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	346092	53.839	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	198625	49.706	ug/l	97
56) Ethyl methacrylate	10.43	69	251007	52.341	ug/l	98
57) 1,3-Dichloropropane	10.71	76	342857	50.394	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	478206	228.016	ug/l	99
59) 2-Hexanone	10.75	43	705786	258.054	ug/l	100
60) Dibromochloromethane	10.90	129	210390	53.918	ug/l	98
61) 1,2-Dibromoethane	11.00	107	188826	51.340	ug/l	98
64) Tetrachloroethene	10.63	164	222385	48.053	ug/l	99
65) Chlorobenzene	11.43	112	563174	49.160	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	209788	49.790	ug/l	99
67) Ethyl Benzene	11.51	91	1018409	49.780	ug/l	100
68) m/p-Xylenes	11.62	106	755713	102.010	ug/l	100
69) o-Xylene	11.95	106	367299	51.190	ug/l	99
70) Styrene	11.96	104	618461	53.249	ug/l	99
71) Bromoform	12.12	173	131264	54.352	ug/l #	97
73) Isopropylbenzene	12.25	105	975084	44.568	ug/l	99
74) N-amyl acetate	12.07	43	299052	48.557	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	242297	41.388	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	232788m	52.505	ug/l	
77) Bromobenzene	12.53	156	241655	44.304	ug/l	99
78) n-propylbenzene	12.59	91	1115161	47.176	ug/l	100
79) 2-Chlorotoluene	12.67	91	671126	45.519	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	816325	46.235	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	56300	50.779	ug/l	91
82) 4-Chlorotoluene	12.77	91	661090	48.059	ug/l	99
83) tert-Butylbenzene	12.99	119	688894	46.201	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	804429	48.076	ug/l	99
85) sec-Butylbenzene	13.17	105	901164	47.430	ug/l	99
86) p-Isopropyltoluene	13.29	119	808823	49.619	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	410202	49.478	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	393855	49.818	ug/l	99
89) n-Butylbenzene	13.61	91	664015	54.874	ug/l	100
90) Hexachloroethane	13.87	117	126071	47.533	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	394009	47.235	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	32480	45.054	ug/l	97

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	182115	48.261	ug/l	98
94) Hexachlorobutadiene	15.01	225	132523	51.437	ug/l	98
95) Naphthalene	15.13	128	371676	42.508	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	182877	56.830	ug/l	99

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

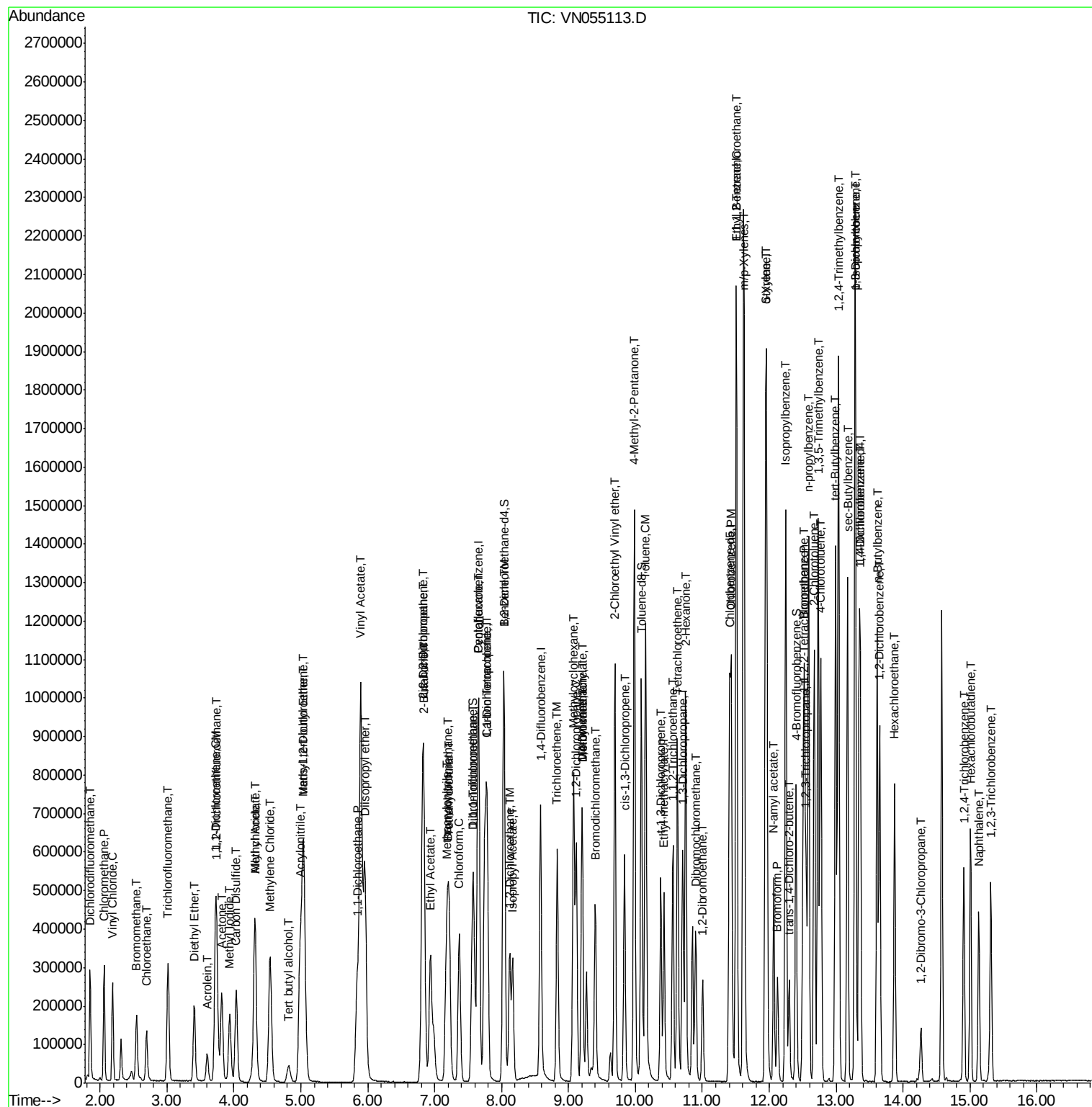
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041819\
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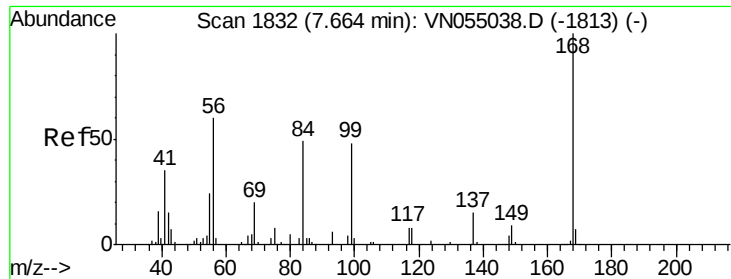
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 408891

Ion Ratio Lower Upper

168 100

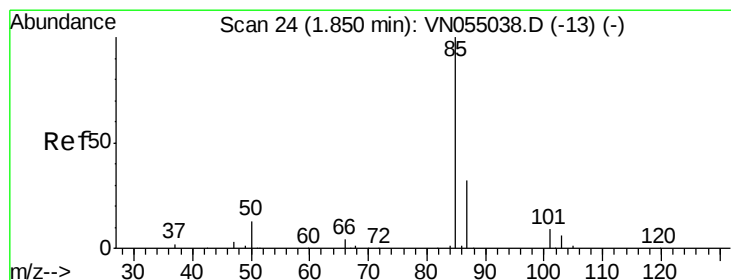
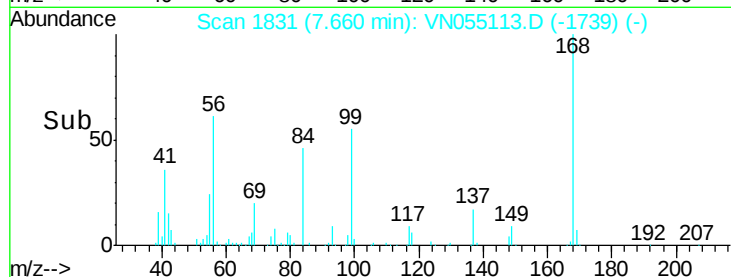
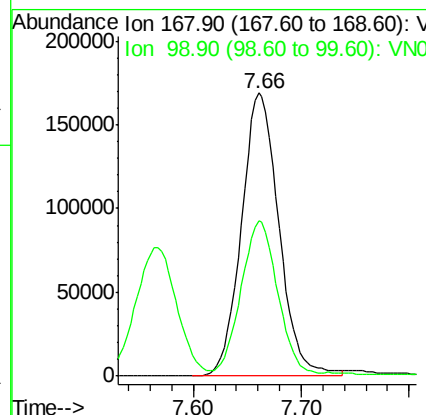
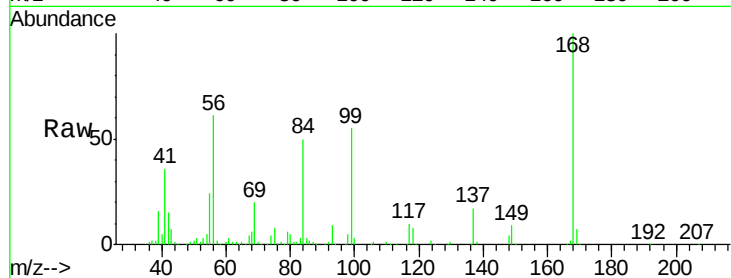
99 53.8 41.9 62.9

Manual Integrations

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4/19/2019 5:46:45 PM



#2

Dichlorodifluoromethane

Concen: 46.570 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN055113.D

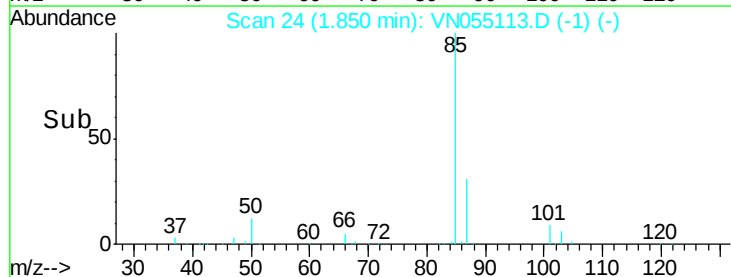
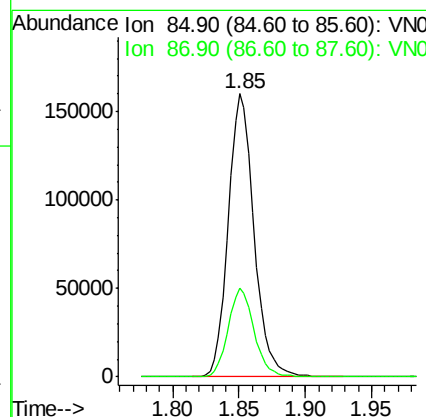
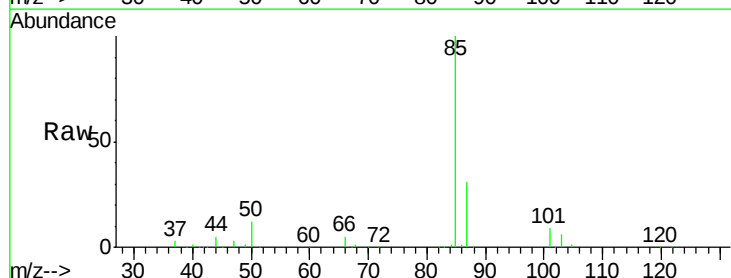
Acq: 18 Apr 2019 9:16

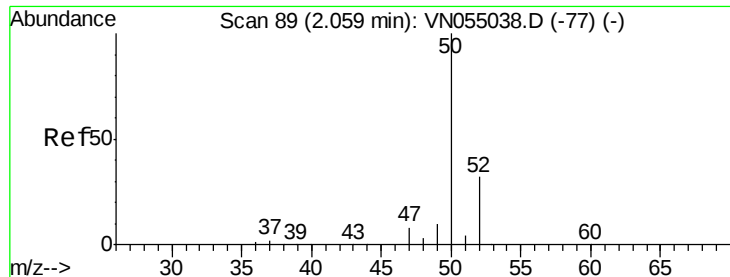
Tgt Ion: 85 Resp: 216406

Ion Ratio Lower Upper

85 100

87 31.2 16.1 48.3





#3

Chloromethane

Concen: 44.448 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 269395

Ion Ratio Lower Upper

50 100

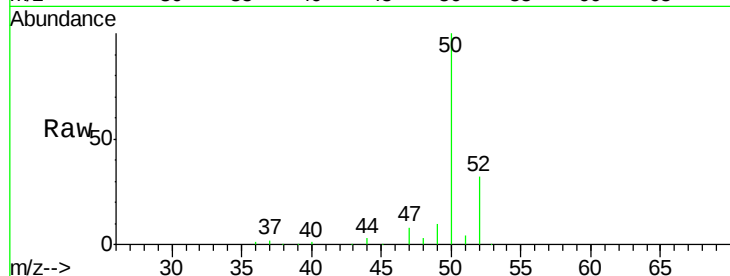
52 32.1 26.6 40.0

Manual Integrations

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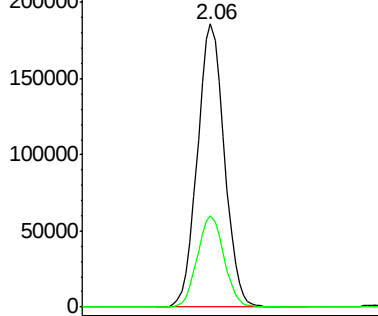
MMDadoda

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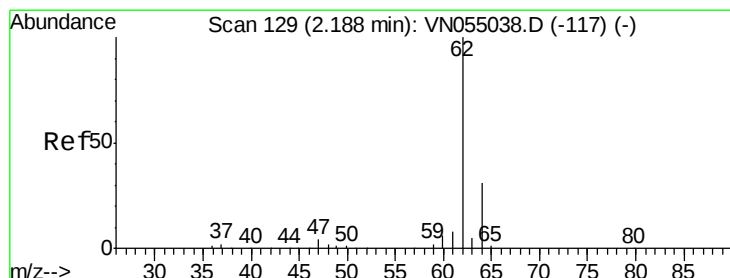
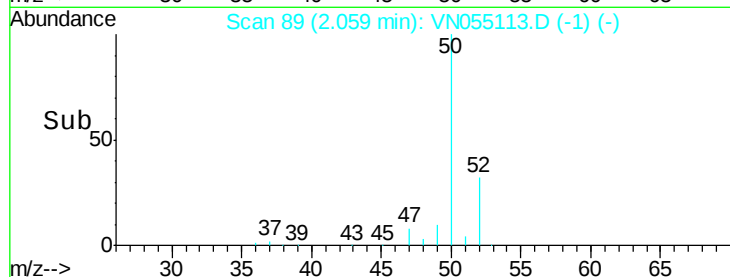


Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



Time-->



#4

Vinyl Chloride

Concen: 44.409 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN055113.D

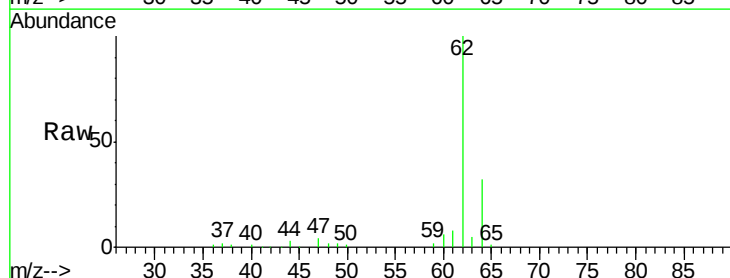
Acq: 18 Apr 2019 9:16

Tgt Ion: 62 Resp: 226231

Ion Ratio Lower Upper

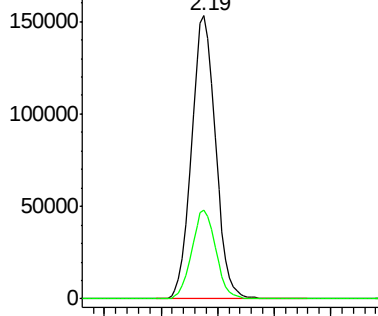
62 100

64 31.5 25.8 38.6

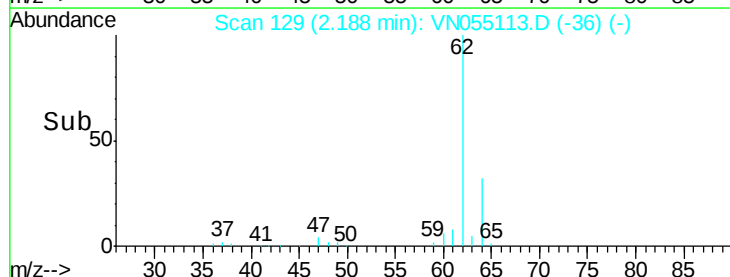


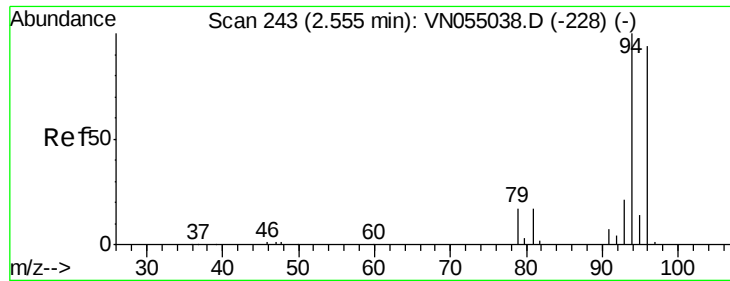
Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO



Time-->





#5

Bromomethane

Concen: 41.740 ug/l

RT: 2.54 min Scan# 240

Delta R.T. -0.01 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

Instrument :

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Tot Ion: 94 Resp: 120292

Ion Ratio Lower Upper

94 100

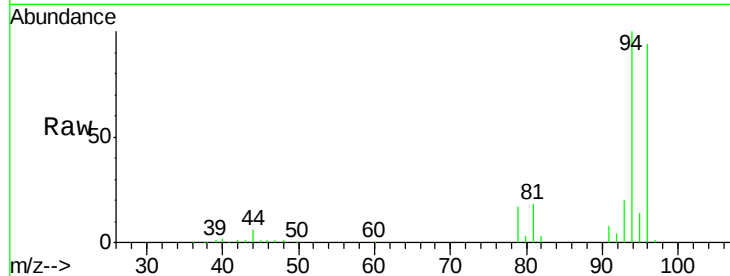
96 94.2 76.2 114.4

Manual Integrations

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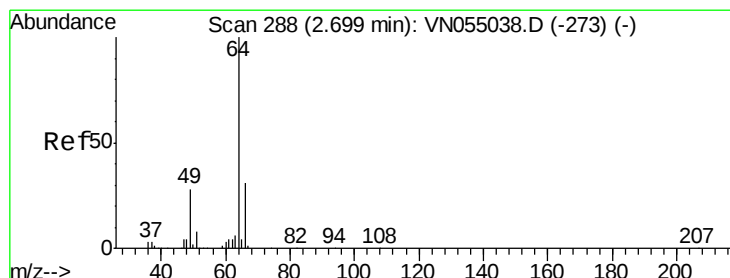
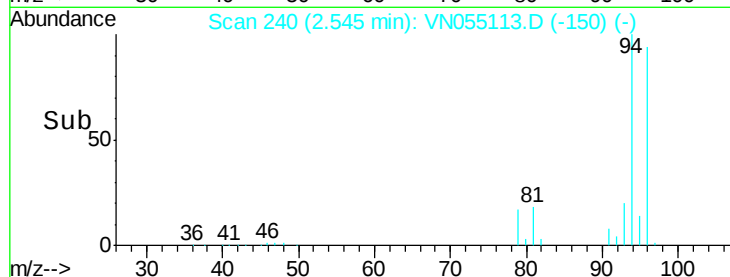
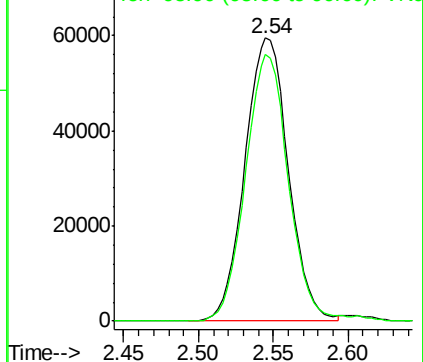
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 44.331 ug/l

RT: 2.70 min Scan# 287

Delta R.T. -0.00 min

Lab File: VN055113.D

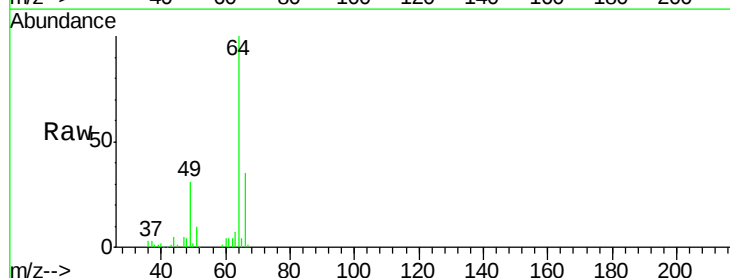
Acq: 18 Apr 2019 9:16

Tgt Ion: 64 Resp: 121786

Ion Ratio Lower Upper

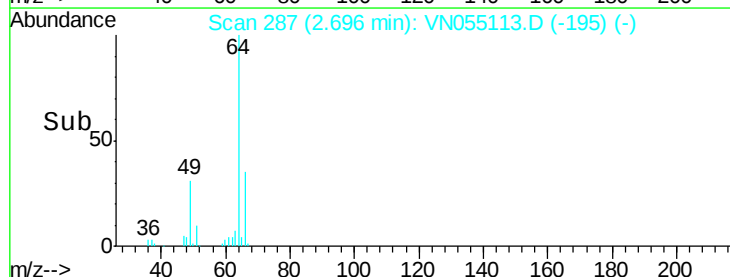
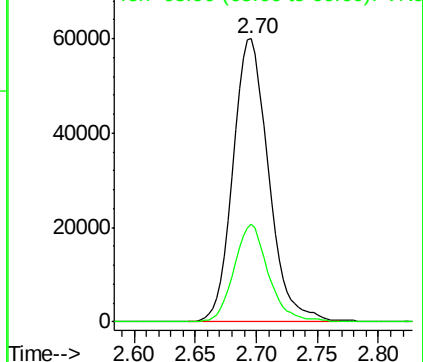
64 100

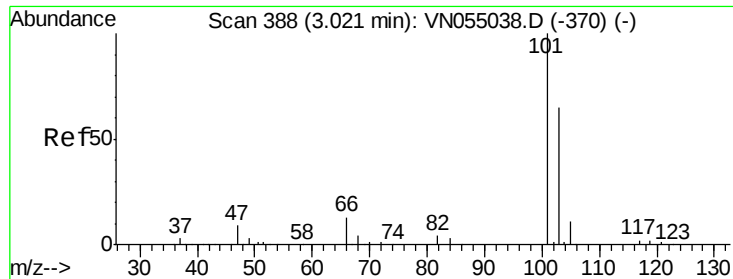
66 34.7 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

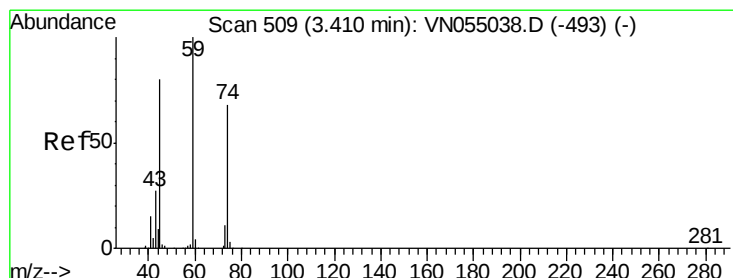
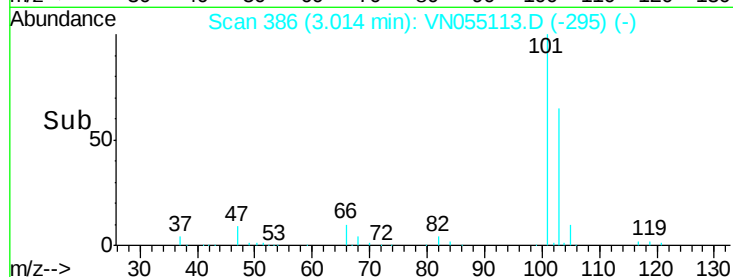
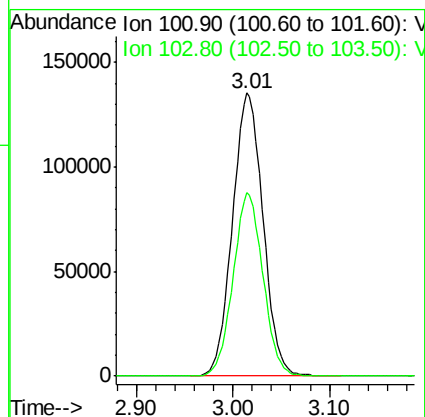
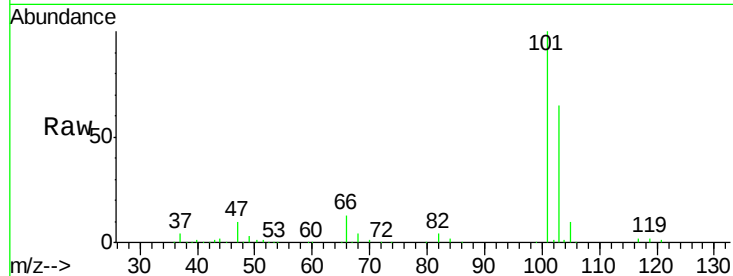
Trichlorofluoromethane
Concen: 46.577 ug/l
RT: 3.01 min Scan# 386
Delta R.T. -0.01 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Instrument :
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ClientSampleId :
VSTDCCC050

Tot Ion:101 Resp: 296744
Ion Ratio Lower Upper
101 100
103 64.6 52.5 78.7

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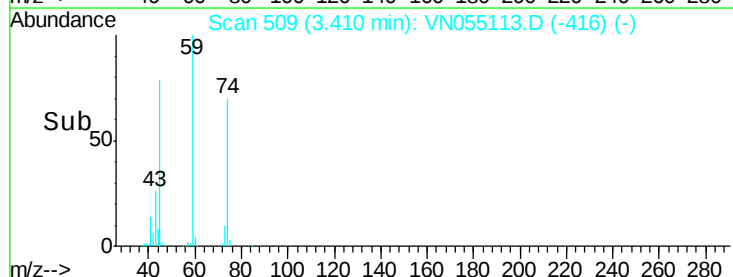
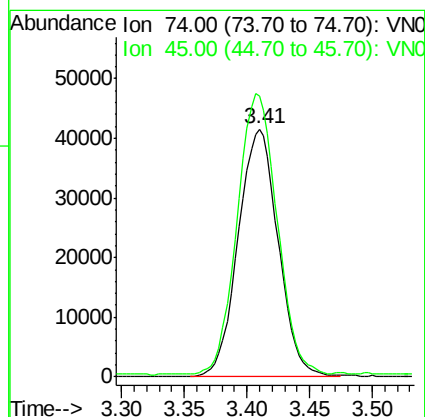
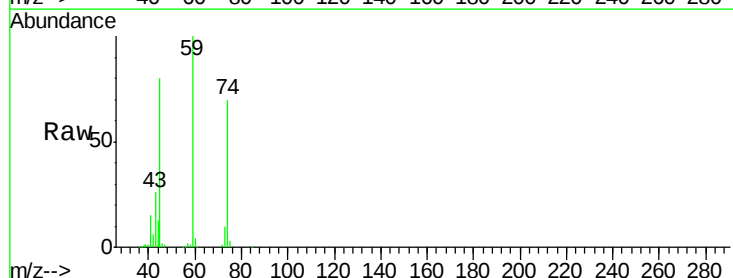
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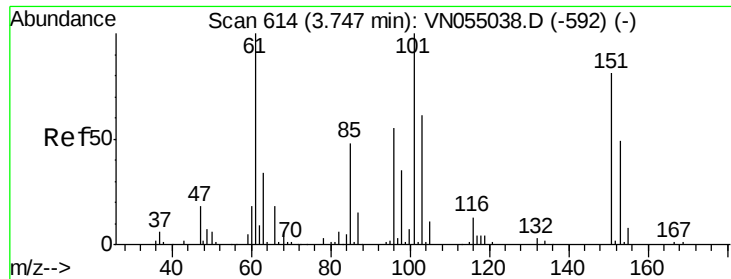


#8

Diethyl Ether
Concen: 45.313 ug/l
RT: 3.41 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Tgt Ion: 74 Resp: 92152
Ion Ratio Lower Upper
74 100
45 112.3 55.7 167.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.330 ug/l

RT: 3.75 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

Instrument :

MSVOA_N

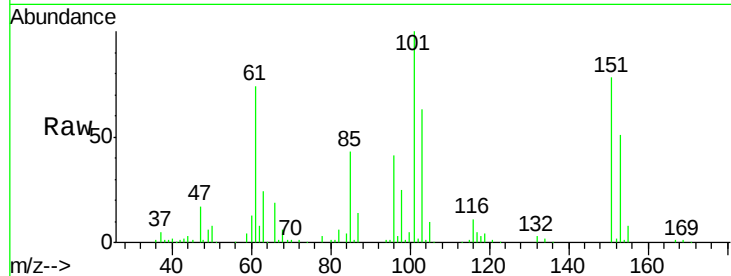
ClientSampleId :

VSTDCCC050

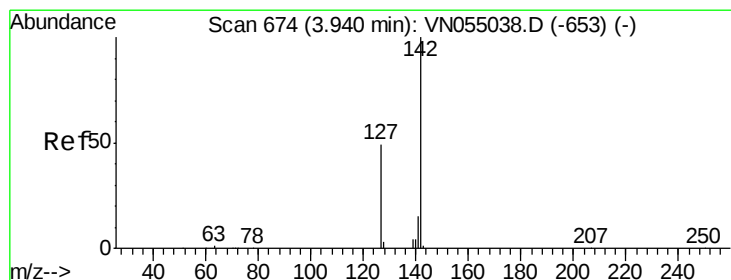
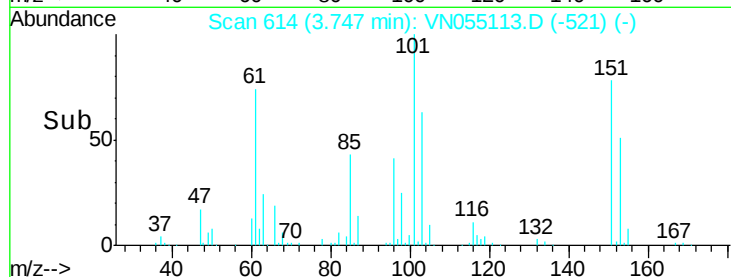
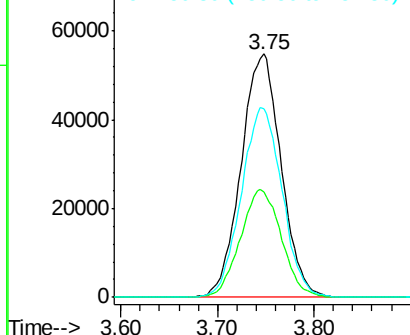
Tot Ion:	101	Resp:	157805
Ion Ratio	Lower	Upper	
101	100		
85	45.3	36.9	55.3
151	79.3	64.4	96.6

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



#10

Methyl Iodide

Concen: 53.687 ug/l

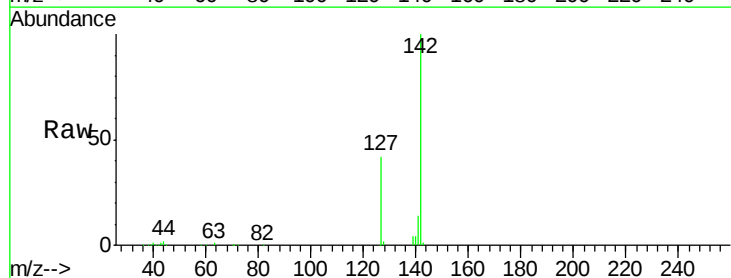
RT: 3.94 min Scan# 673

Delta R.T. -0.00 min

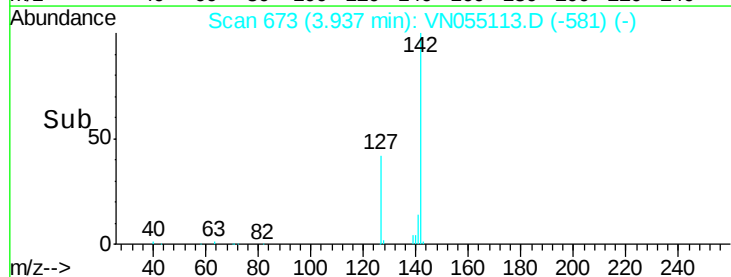
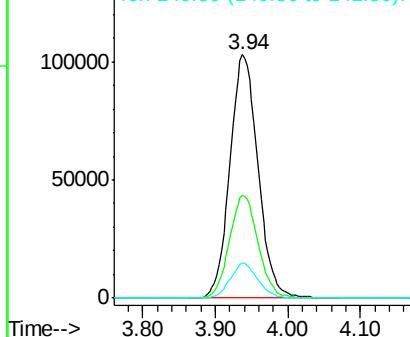
Lab File: VN055113.D

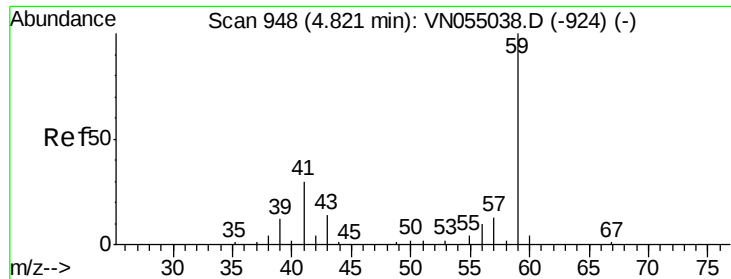
Acq: 18 Apr 2019 9:16

Tgt Ion:	142	Resp:	277776
Ion Ratio	Lower	Upper	
142	100		
127	43.2	37.9	56.9
141	14.0	11.8	17.8



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





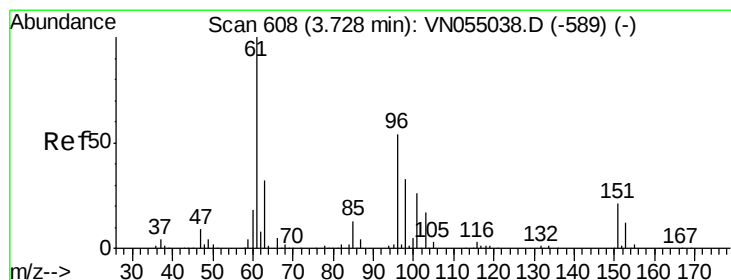
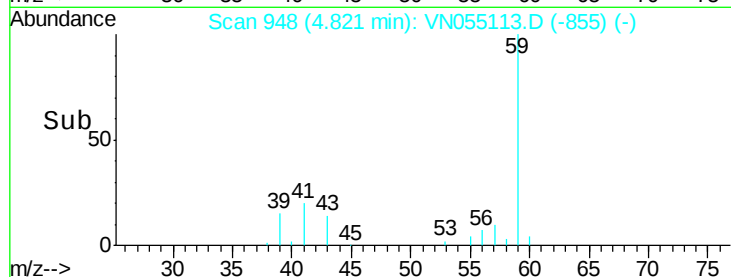
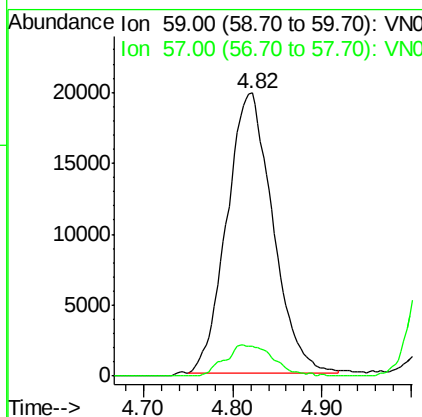
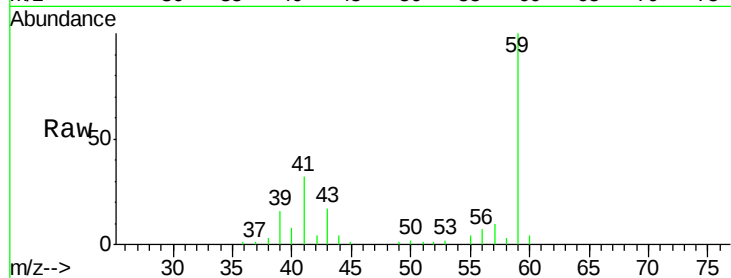
#11
Tert butyl alcohol
Concen: 237.083 ug/l
RT: 4.82 min Scan# 948
Delta R.T. 0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 70632
Ion Ratio Lower Upper
59 100
57 11.7 8.3 12.5

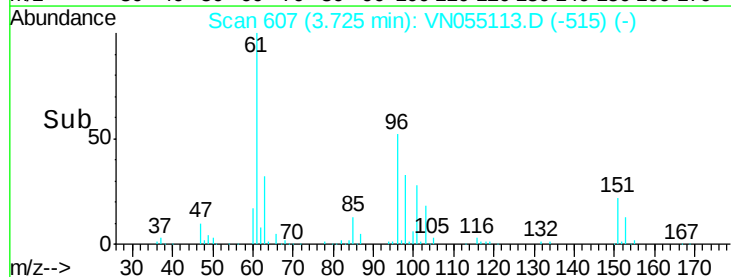
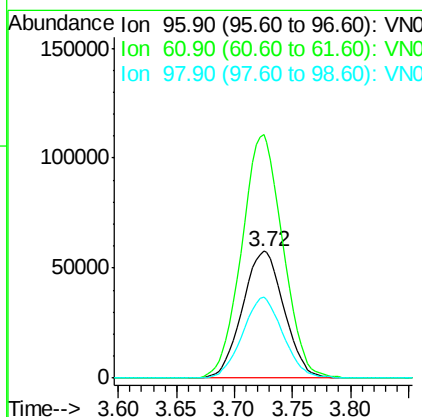
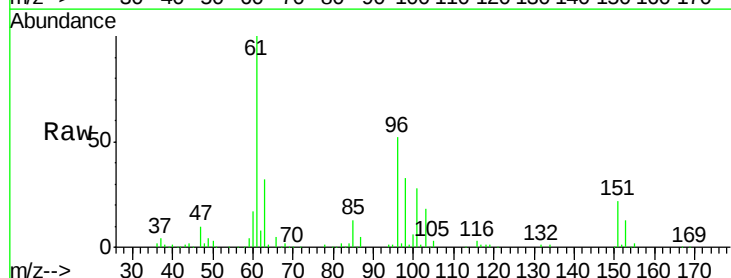
Manual Integrations
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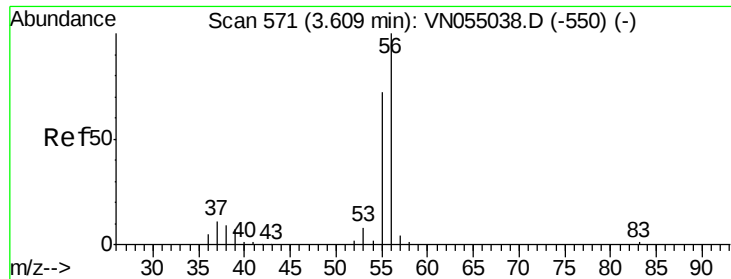
MMDadoda
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#12
1,1-Dichloroethene
Concen: 44.294 ug/l
RT: 3.72 min Scan# 607
Delta R.T. -0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Tgt Ion: 96 Resp: 143749
Ion Ratio Lower Upper
96 100
61 192.0 154.2 231.4
98 63.9 52.9 79.3





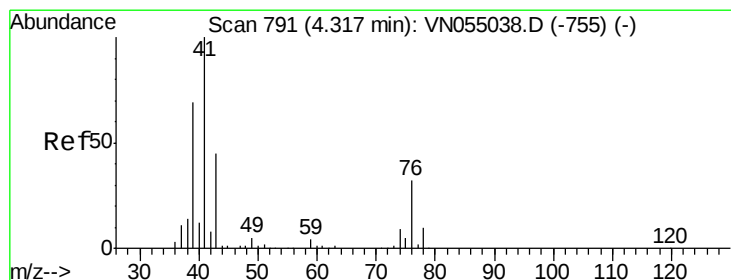
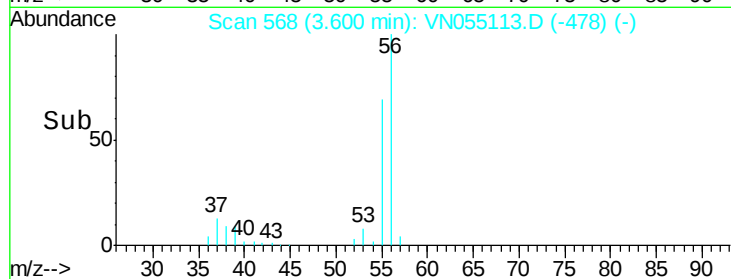
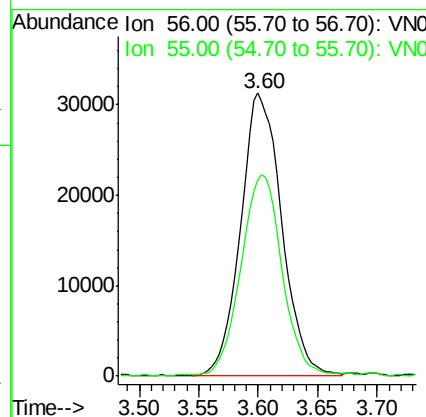
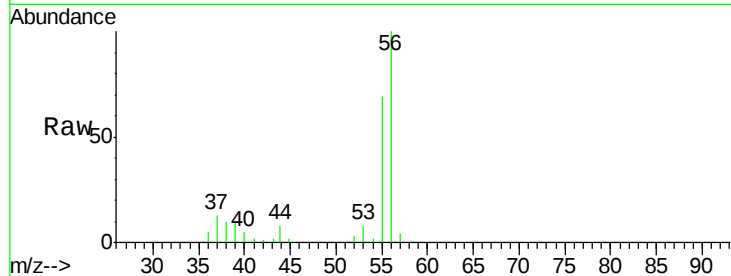
#13
Acrolein
Concen: 203.627 ug/l
RT: 3.60 min Scan# 568
Delta R.T. -0.01 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	69.3	59.5	89.3

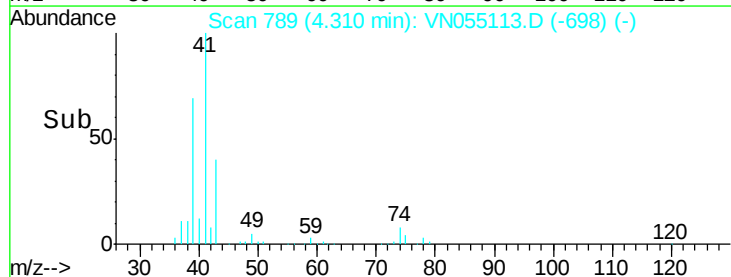
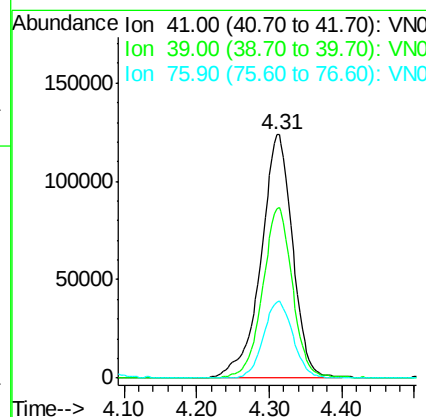
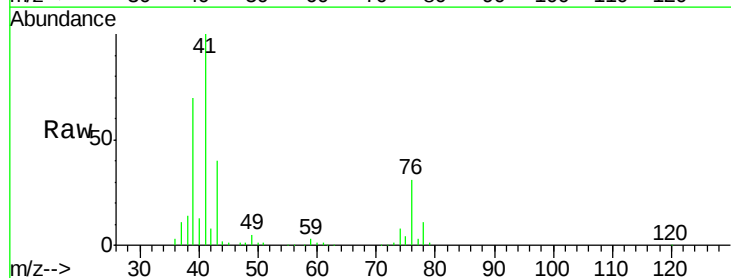
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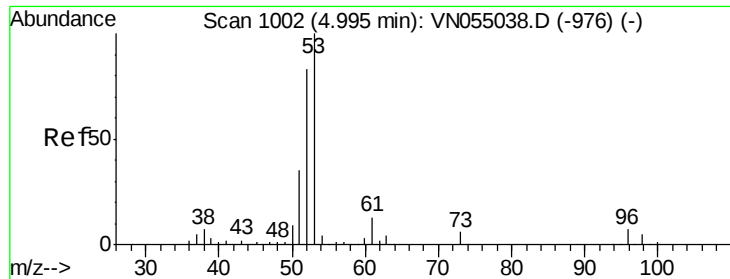
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#14
Allyl chloride
Concen: 47.073 ug/l
RT: 4.31 min Scan# 789
Delta R.T. -0.01 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	66.5	52.7	79.1
76	76	29.5	23.2	34.8





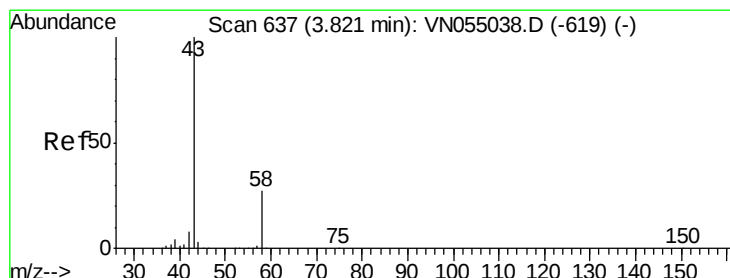
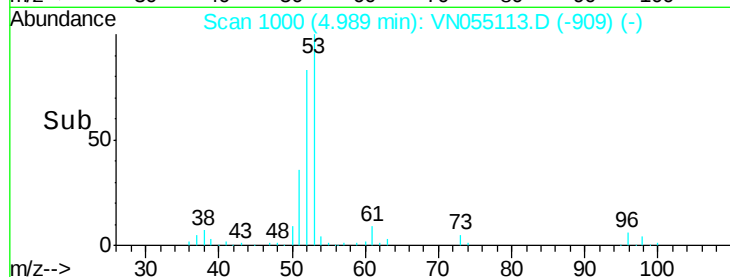
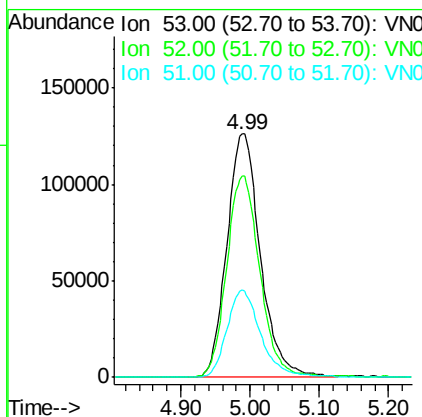
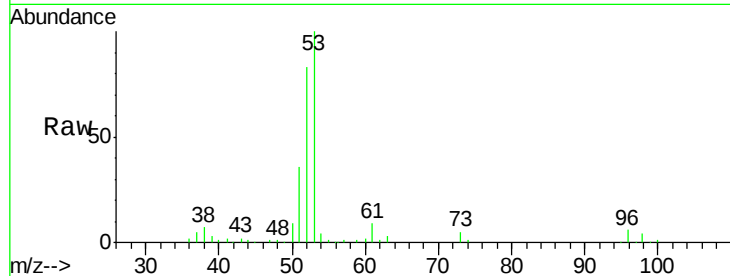
#15
 Acrylonitrile
 Concen: 239.101 ug/l
 RT: 4.99 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VN055113.D
 Acq: 18 Apr 2019 9:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
53	100		
52	81.9	65.9	98.9
51	35.9	29.7	44.5

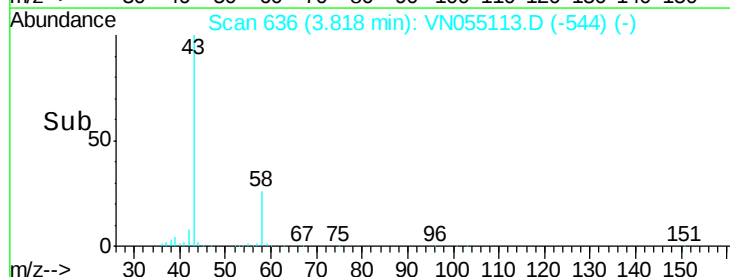
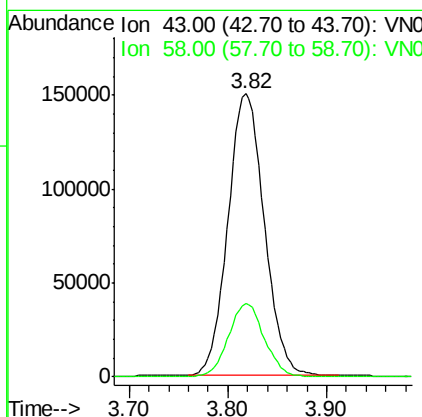
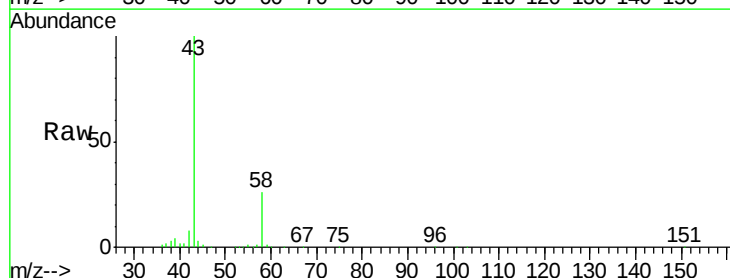
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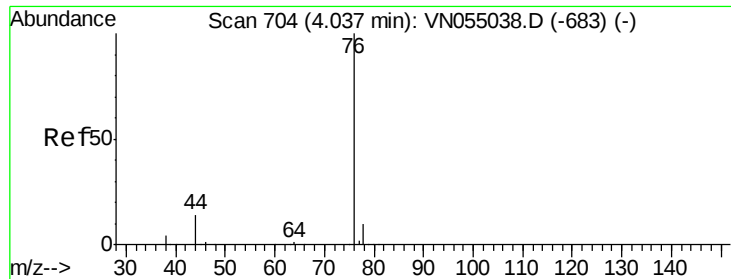
MMDadoda
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#16
 Acetone
 Concen: 259.998 ug/l
 RT: 3.82 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: VN055113.D
 Acq: 18 Apr 2019 9:16

Tgt Ion	Ratio	Lower	Upper
43	100		
58	25.9	20.9	31.3





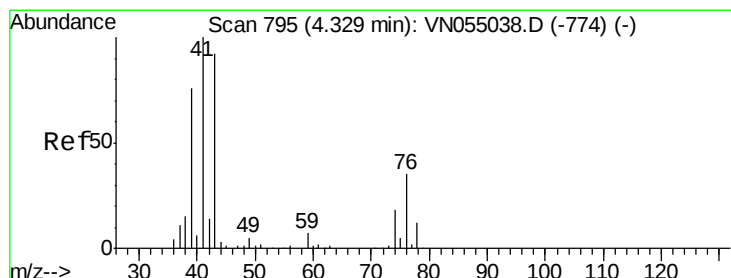
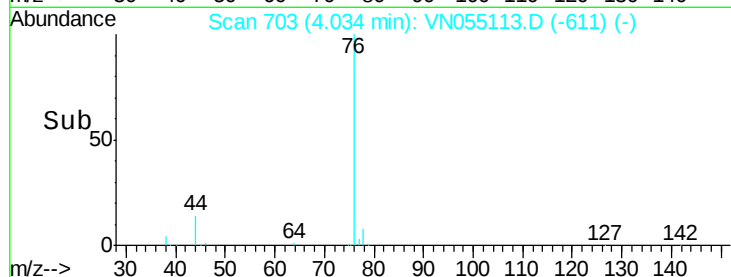
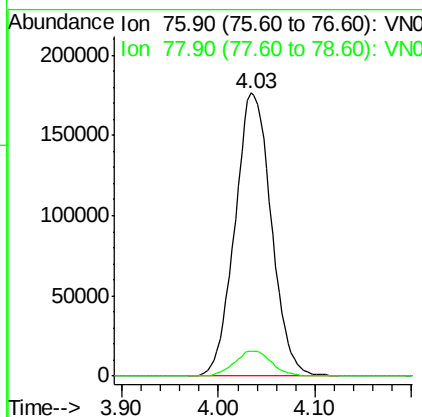
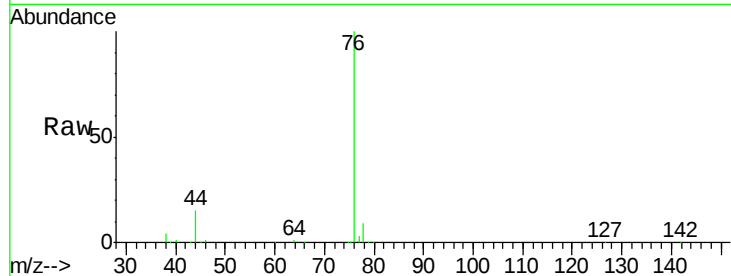
#17
Carbon Disulfide
Concen: 43.983 ug/l
RT: 4.03 min Scan# 703
Delta R.T. -0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.2	10.8

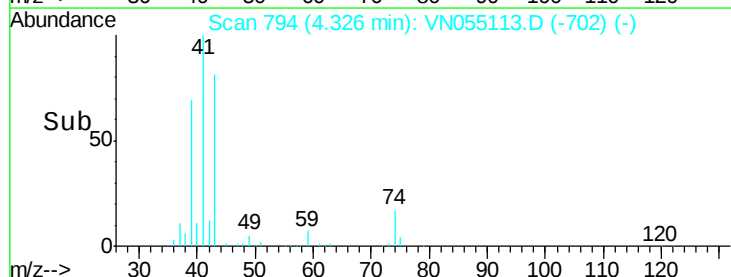
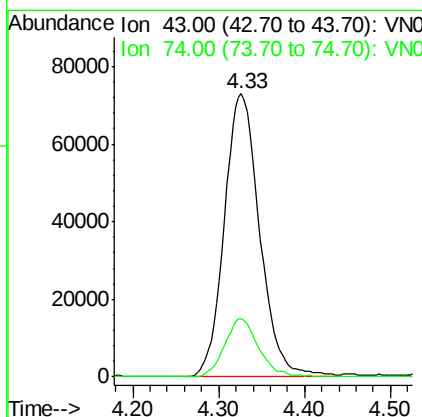
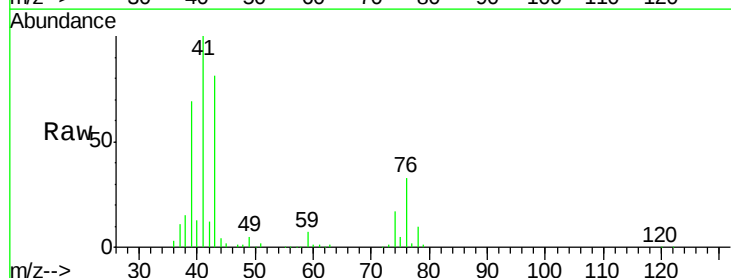
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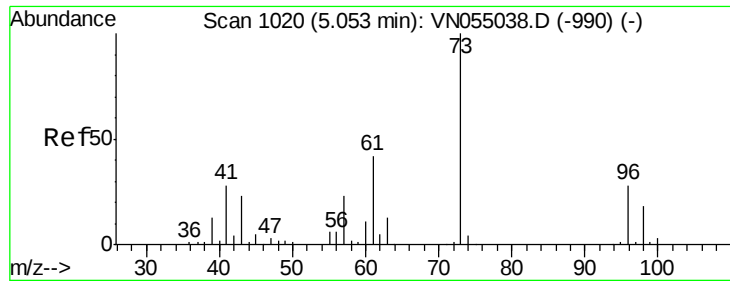
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#18
Methyl Acetate
Concen: 48.572 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.0	16.1	24.1





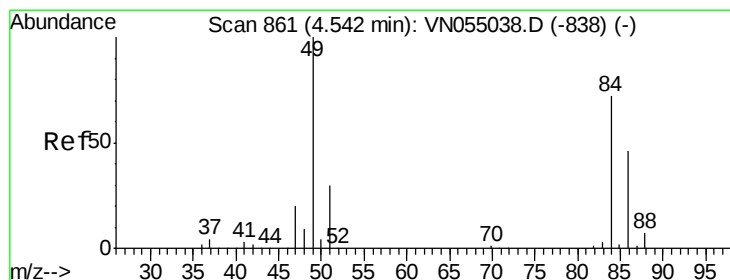
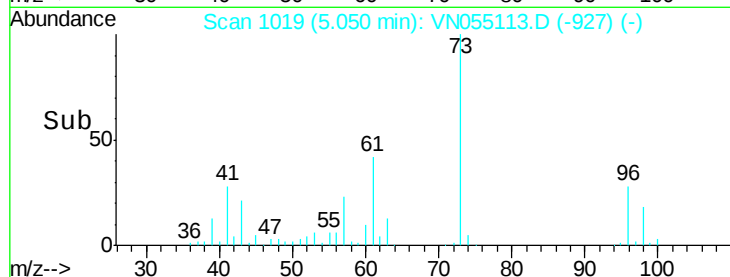
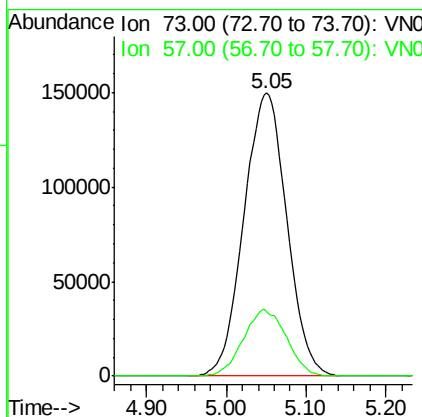
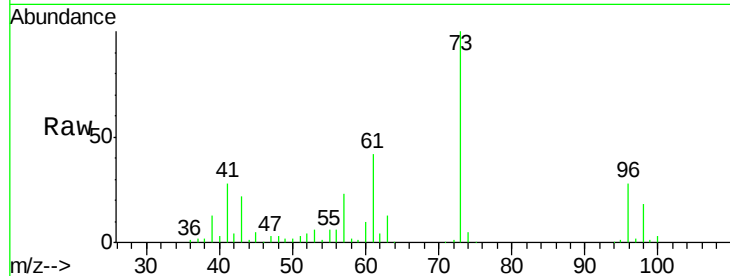
#19
Methvl tert-butvl Ether
Concen: 47.340 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 549587
Ion Ratio Lower Upper
73 100
57 22.6 19.0 28.4

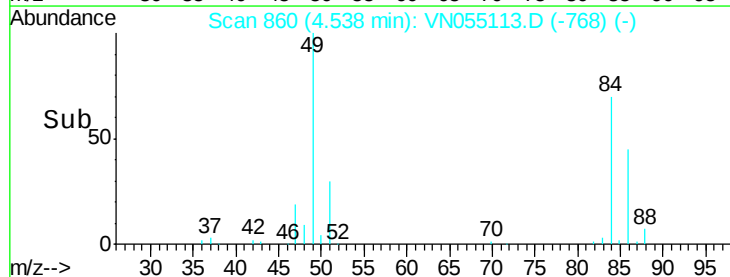
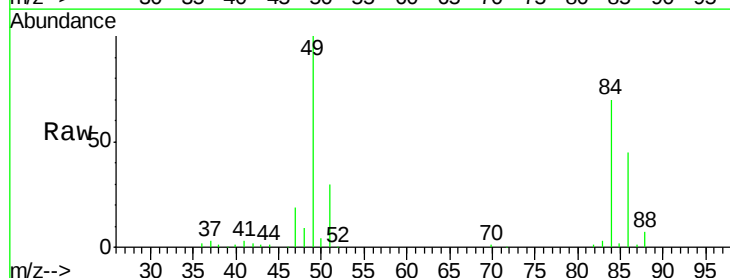
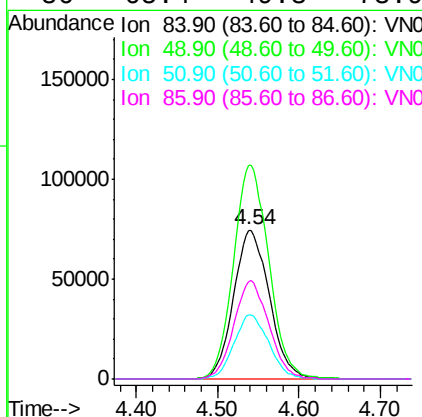
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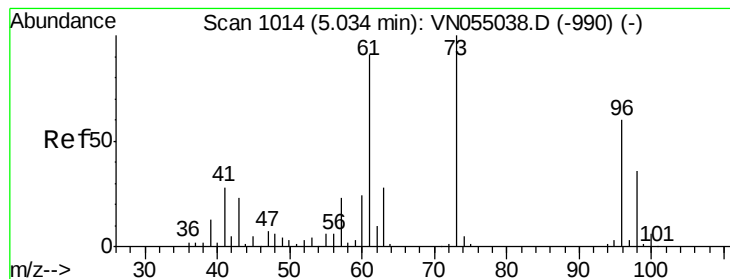
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#20
Methylene Chloride
Concen: 43.900 ug/l
RT: 4.54 min Scan# 860
Delta R.T. -0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Tgt Ion: 84 Resp: 227658
Ion Ratio Lower Upper
84 100
49 143.7 109.4 164.2
51 43.3 32.2 48.4
86 65.4 49.3 73.9





#21

trans-1,2-Dichloroethene

Concen: 46.011 ug/l

RT: 5.03 min Scan# 1012

Delta R.T. -0.01 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 201959

Ion Ratio Lower Upper

96 100

61 150.0 114.9 172.3

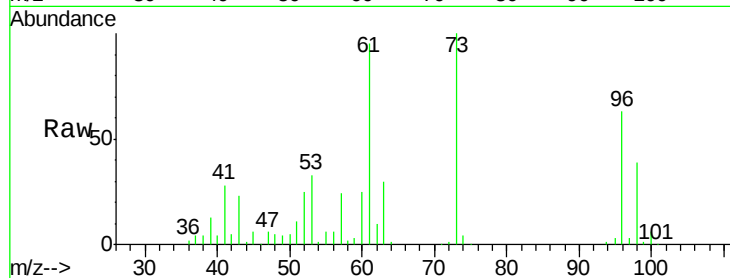
98 61.7 48.4 72.6

Manual Integrations

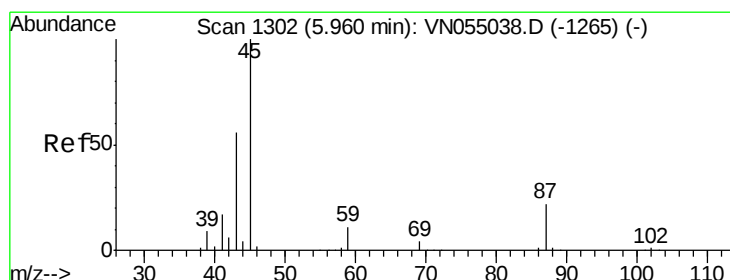
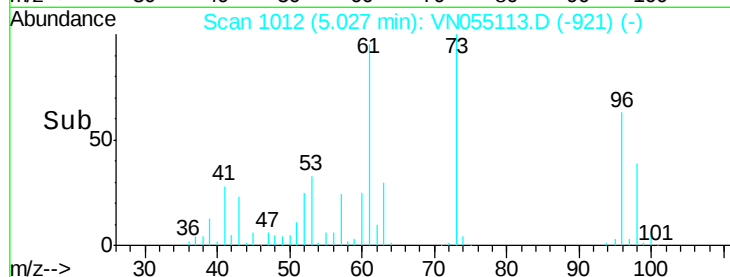
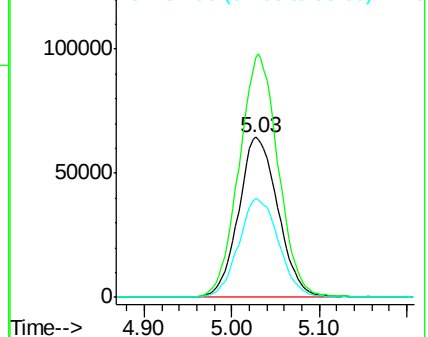
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Abundance Ion 95.90 (95.60 to 96.60): VNC
Ion 60.90 (60.60 to 61.60): VNC
Ion 97.90 (97.60 to 98.60): VNC



#22

Diisopropyl ether

Concen: 48.638 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. -0.01 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

Tgt Ion: 45 Resp: 794291

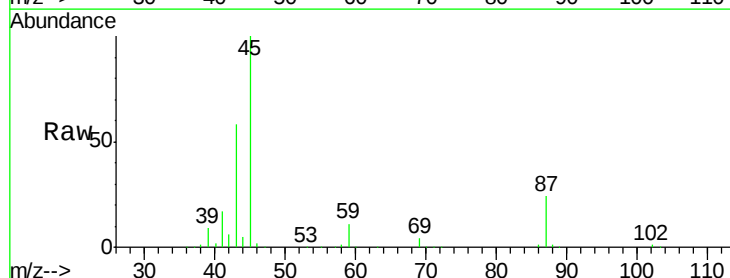
Ion Ratio Lower Upper

45 100

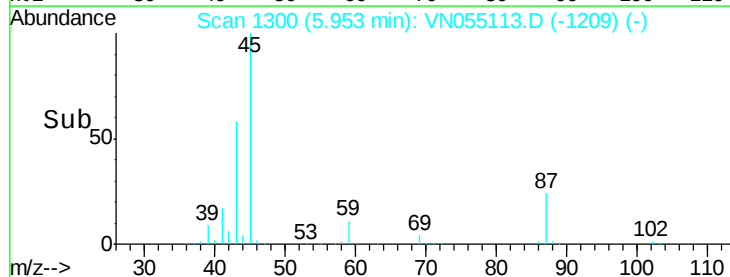
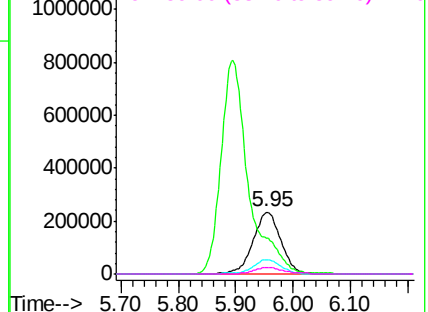
43 57.7 44.8 67.2

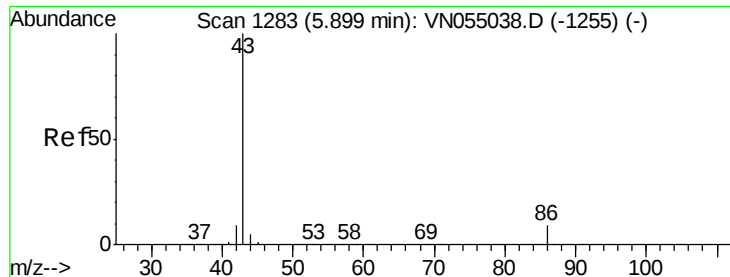
87 23.5 18.9 28.3

59 10.8 7.9 11.9



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: 250.723 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2706368

Ion Ratio Lower Upper

43 100

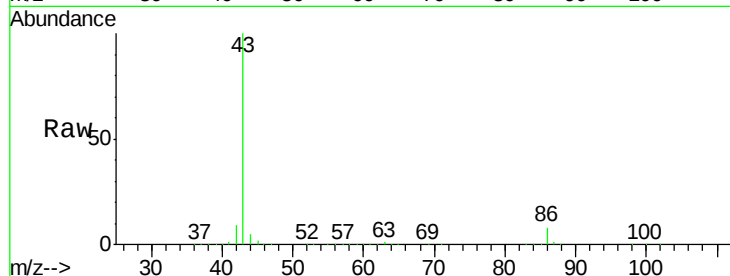
86 8.3 7.0 10.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

800000

600000

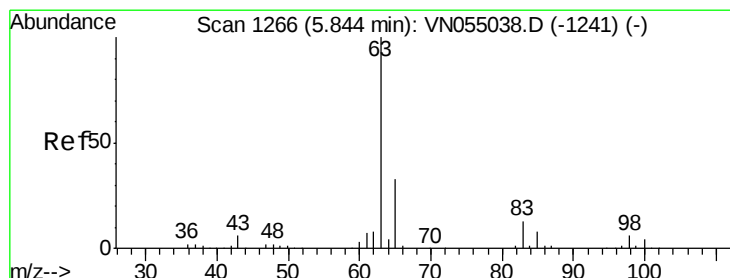
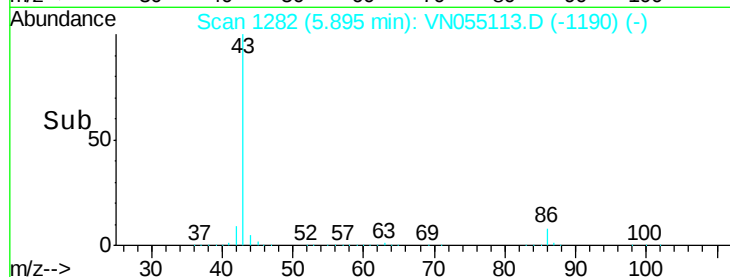
400000

200000

0

5.70 5.80 5.90 6.00 6.10

Time-->



#24

1,1-Dichloroethane

Concen: 47.400 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

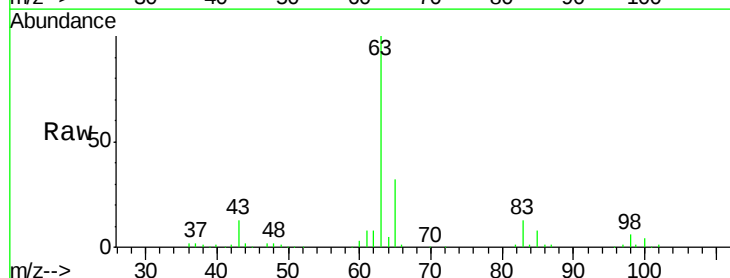
Tgt Ion: 63 Resp: 412211

Ion Ratio Lower Upper

63 100

98 6.4 2.8 8.4

100 3.6 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

150000

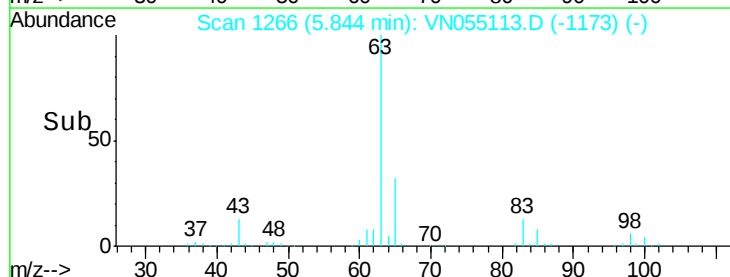
100000

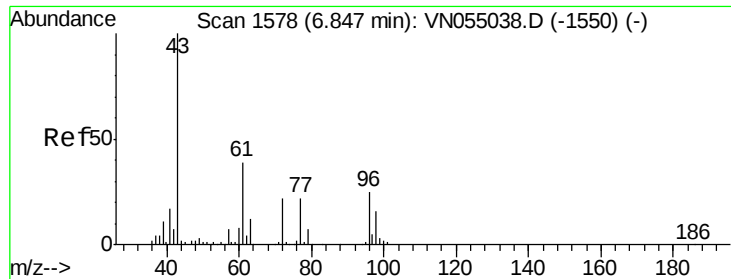
50000

0

5.70 5.80 5.90 6.00

Time-->





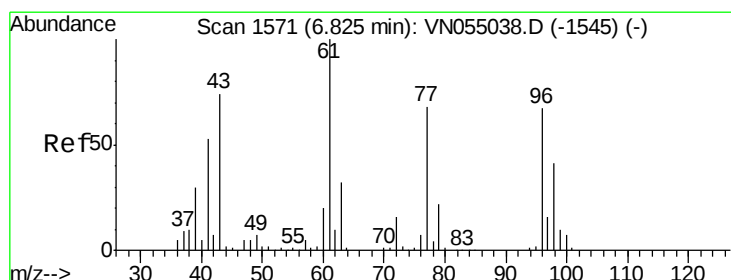
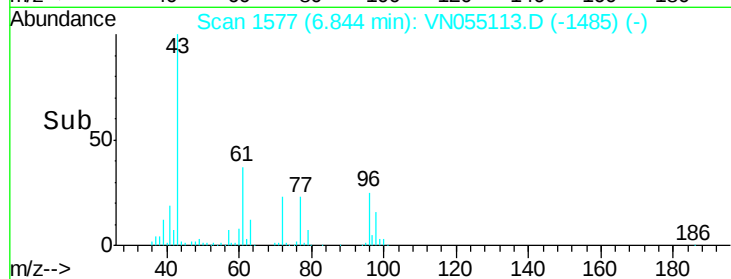
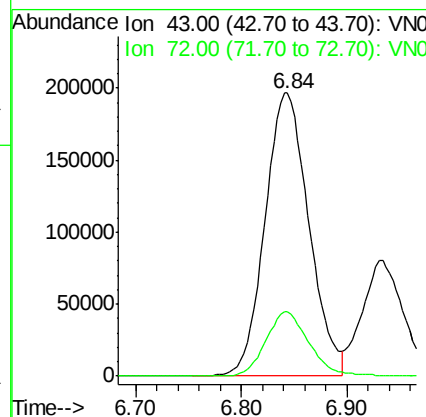
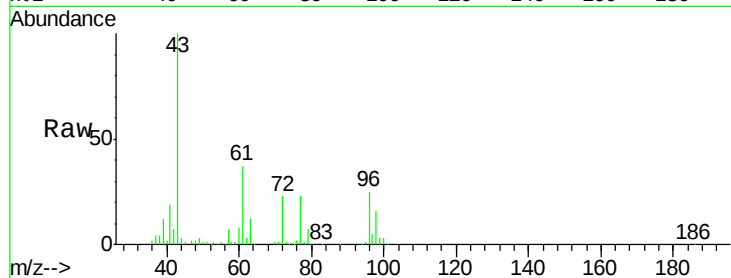
#25
2-Butanone
Concen: 256.702 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. -0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 565187
Ion Ratio Lower Upper
43 100
72 22.8 18.1 27.1

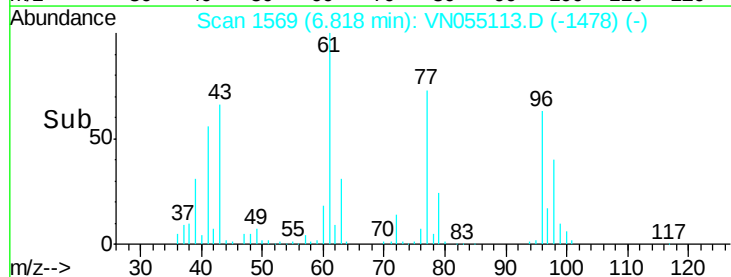
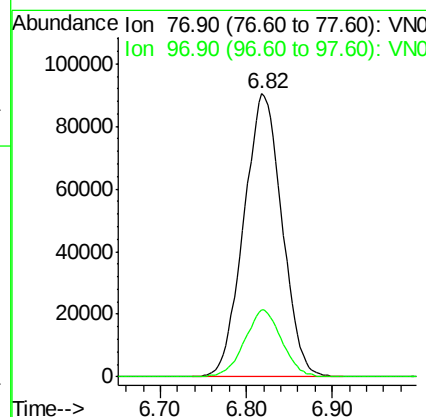
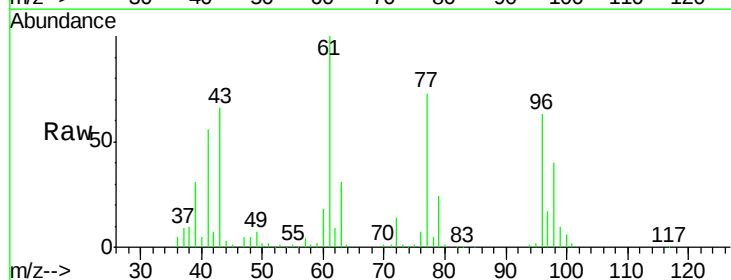
Manual Integrations
APPROVED

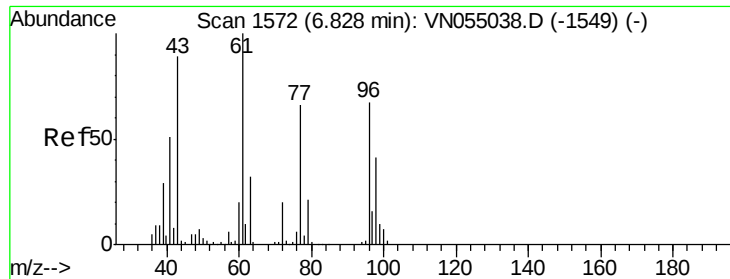
MMDadoda
4/19/2019 5:46:45 PM



#26
2,2-Dichloropropane
Concen: 50.897 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. -0.01 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Tgt Ion: 77 Resp: 279363
Ion Ratio Lower Upper
77 100
97 23.1 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 47.960 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

Instrument :

MSVOA_N

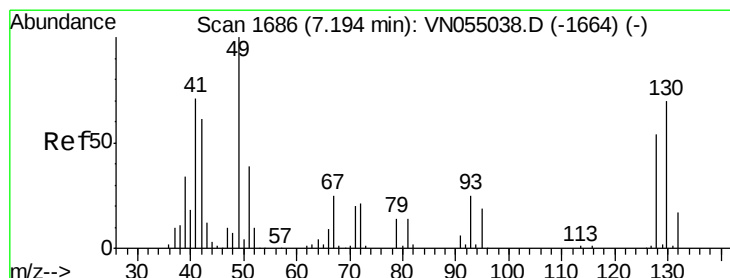
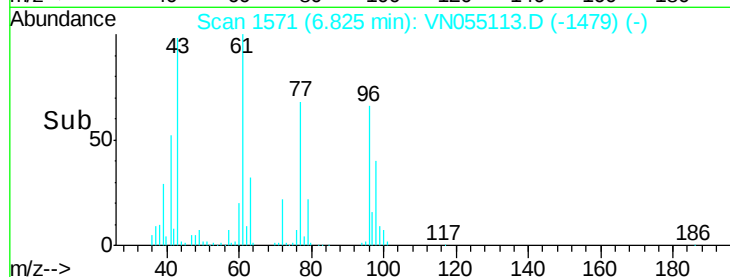
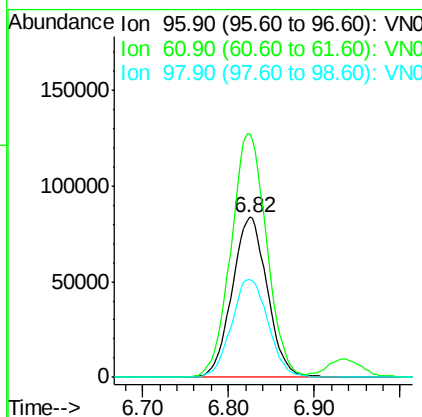
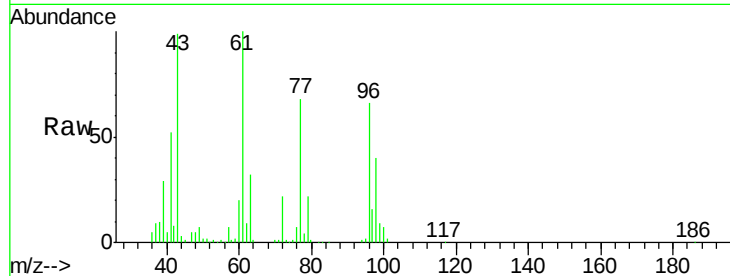
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	238165
Ion Ratio	Lower	Upper	
96	100		
61	153.9	0.0	311.0
98	63.4	0.0	127.4

Manual Integrations
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4/19/2019 5:46:45 PM



#28

Bromochloromethane

Concen: 45.068 ug/l

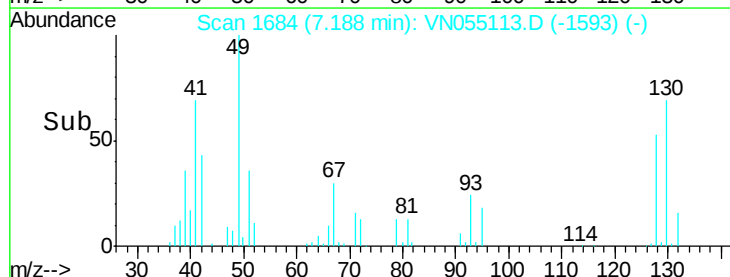
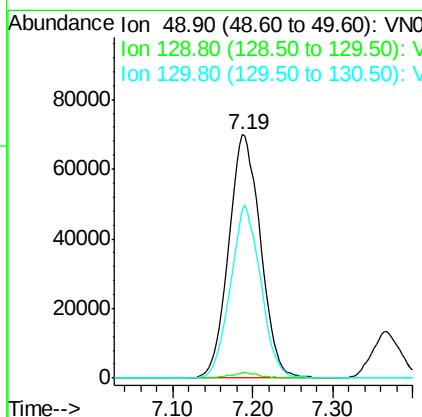
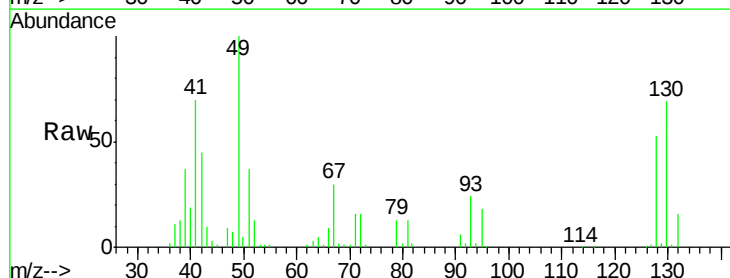
RT: 7.19 min Scan# 1684

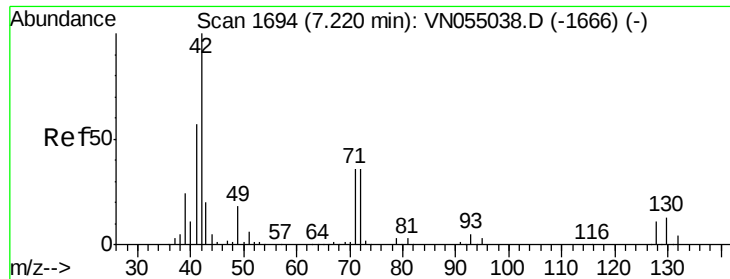
Delta R.T. -0.01 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

Tgt Ion:	49	Resp:	188931
Ion Ratio	Lower	Upper	
49	100		
129	2.0	0.0	2.0
130	67.3	53.4	80.2





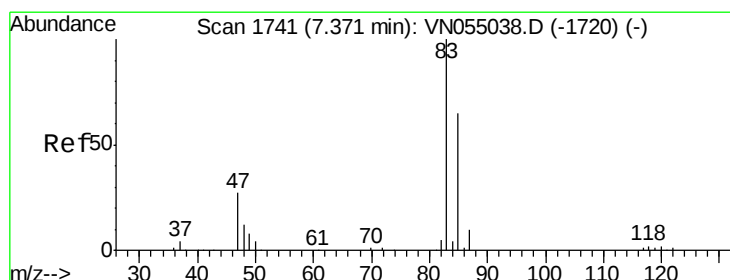
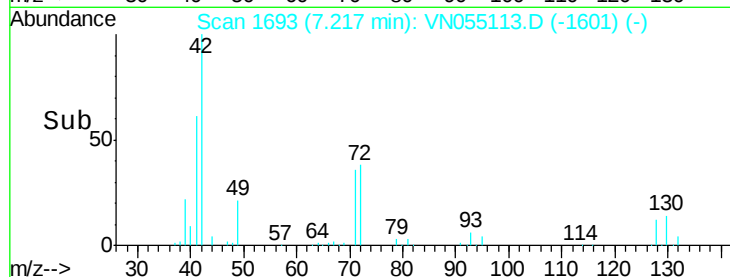
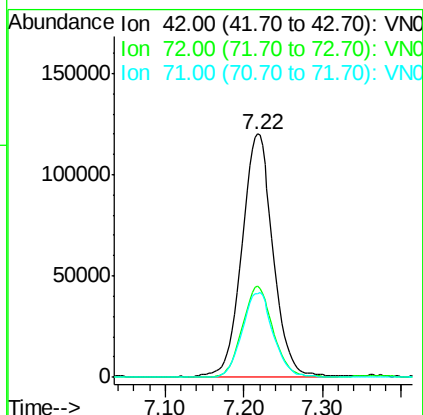
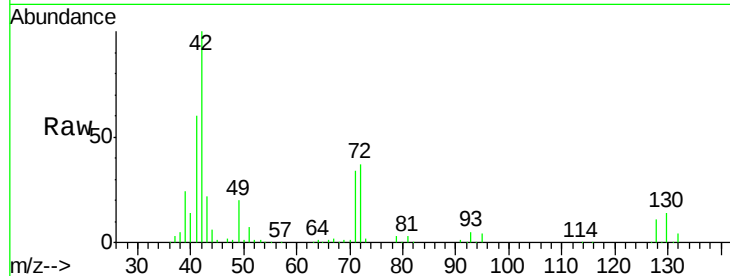
#29
Tetrahydrofuran
Concen: 230.456 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. -0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.3	29.4	44.0
71	35.2	27.8	41.6

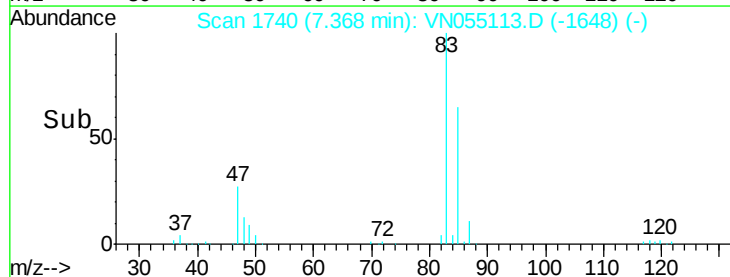
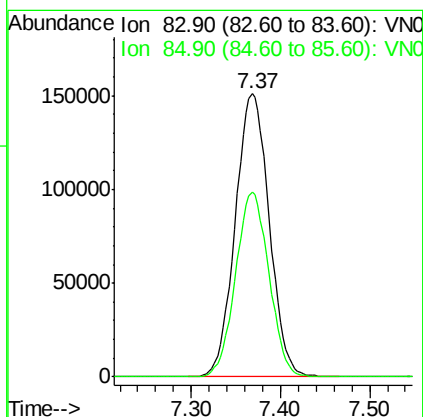
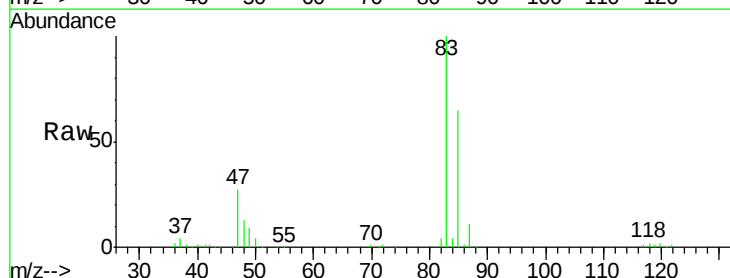
Manual Integrations
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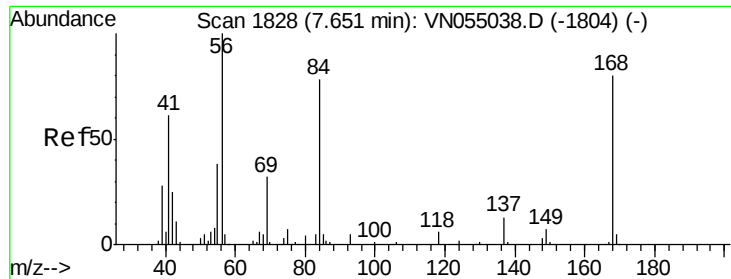
MMDadoda
4/19/2019 5:46:45 PM



#30
Chloroform
Concen: 47.154 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.8	77.6





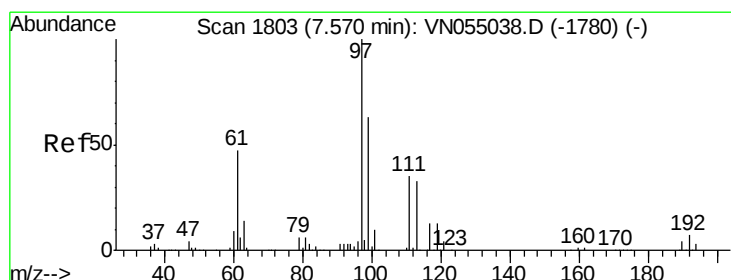
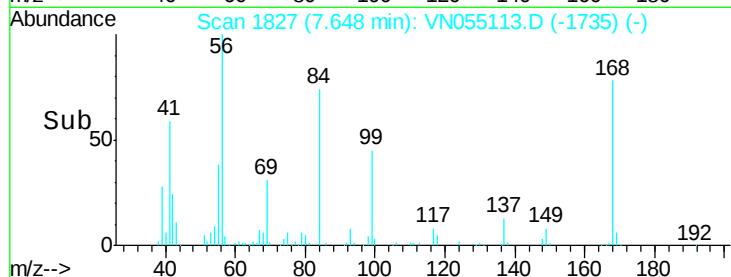
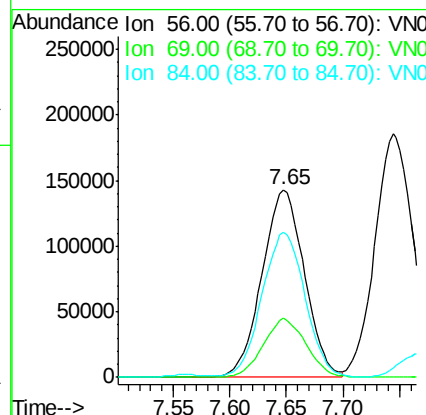
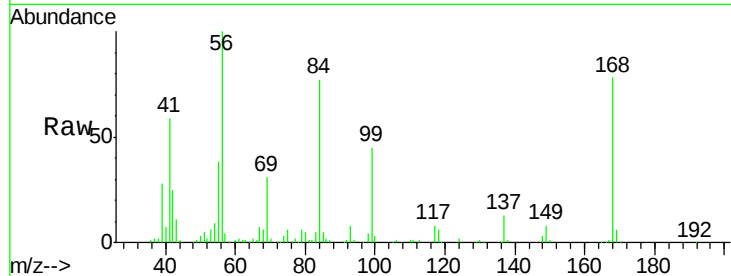
#31
Cyclohexane
Concen: 48.441 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.4	24.5	36.7
84	76.1	62.9	94.3

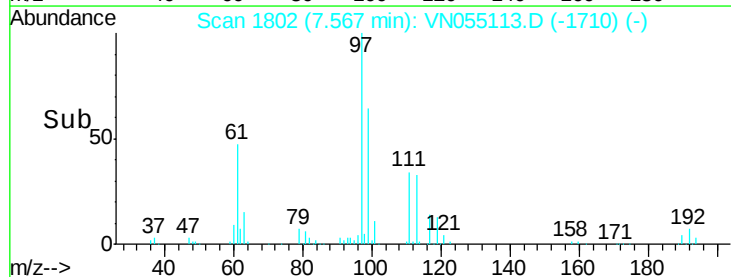
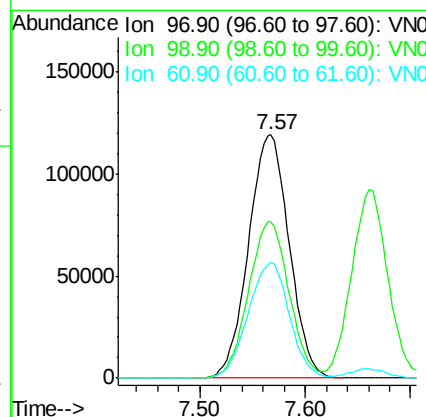
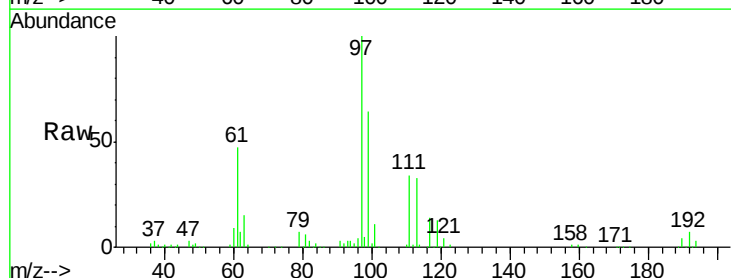
Manual Integrations
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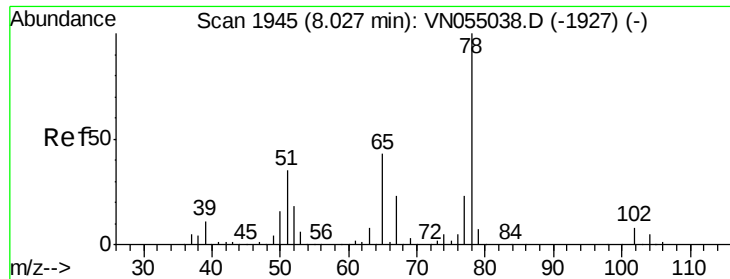
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 47.757 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.6	77.4
61	48.3	38.3	57.5





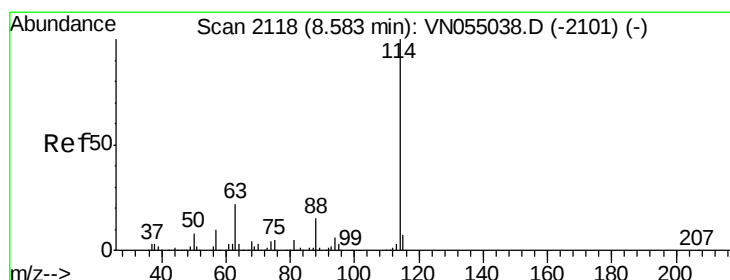
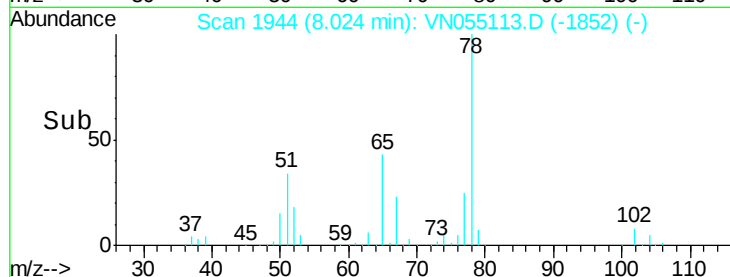
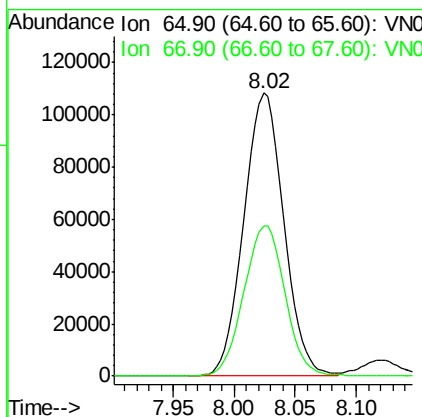
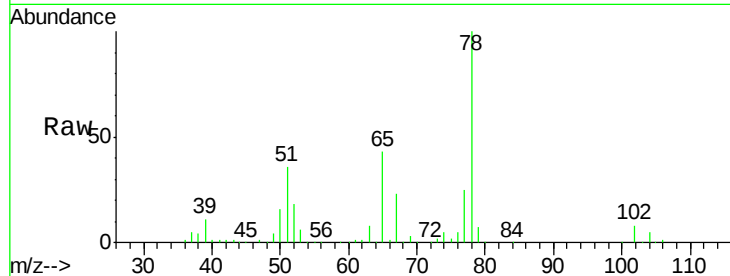
#33
 1,2-Dichloroethane-d4
 Concen: 45.286 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN055113.D
 Acq: 18 Apr 2019 9:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	246140		
67	54.7	0.0	106.4	

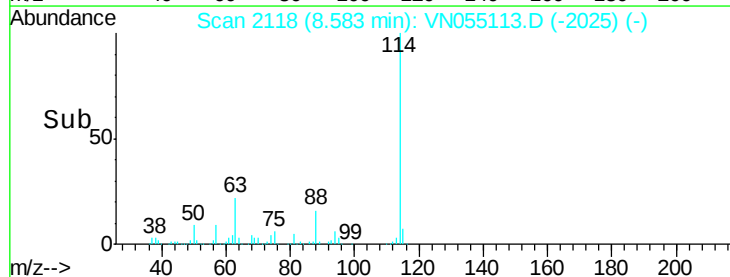
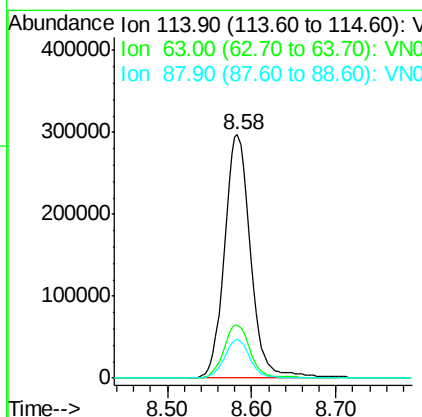
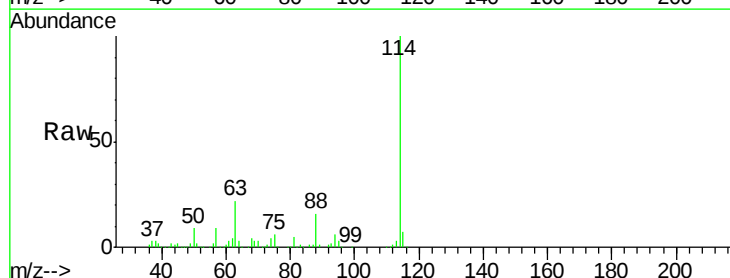
Manual Integrations
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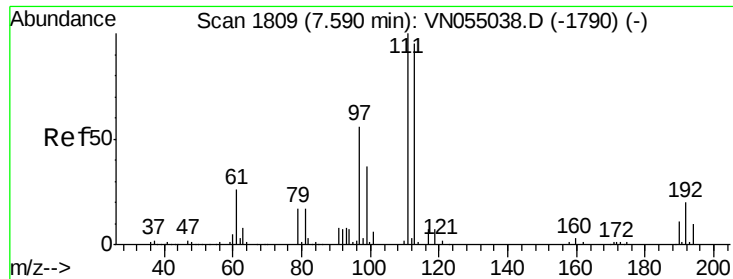
MMDadoda
 4/19/2019 5:46:45 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055113.D
 Acq: 18 Apr 2019 9:16

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	637380		
63	21.7	0.0	45.2	
88	15.7	0.0	31.8	





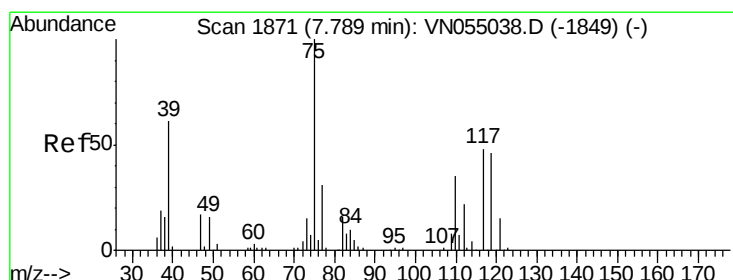
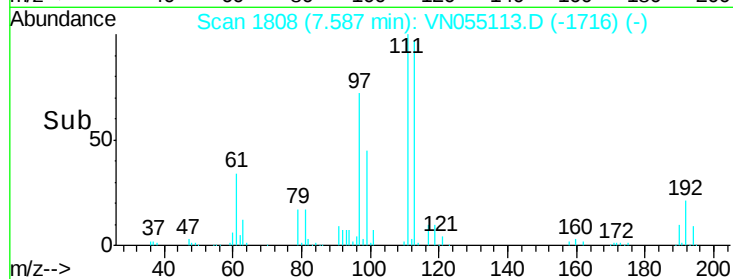
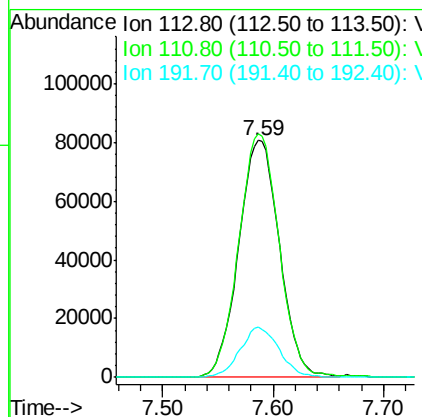
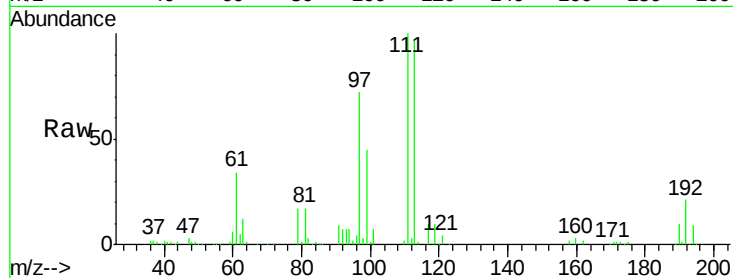
#35
 Dibromofluoromethane
 Concen: 48.579 ug/l
 RT: 7.59 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: VN055113.D
 Acq: 18 Apr 2019 9:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	101.5	82.1	123.1	
192	20.2	16.5	24.7	

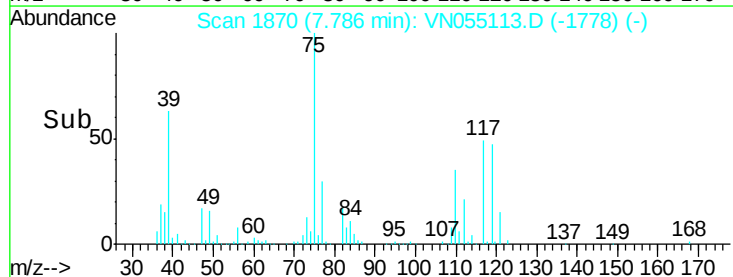
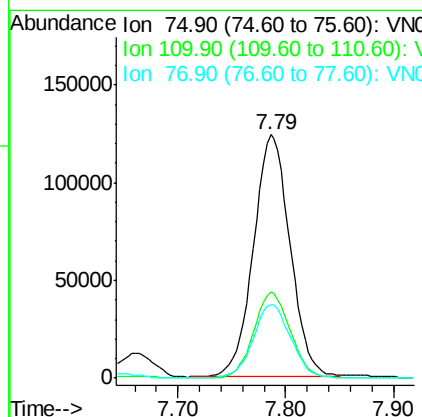
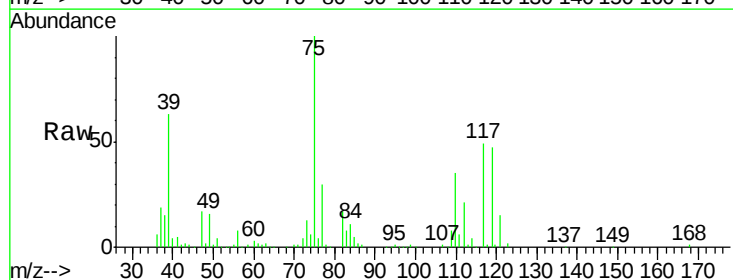
Manual Integrations
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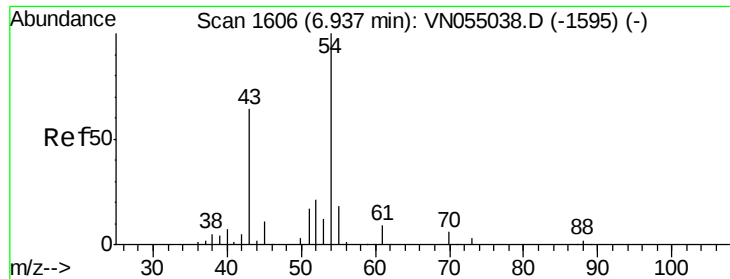
MMDadoda
 4/19/2019 5:46:45 PM



#36
 1,1-Dichloropropene
 Concen: 48.649 ug/l
 RT: 7.79 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN055113.D
 Acq: 18 Apr 2019 9:16

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	35.7	17.5	52.5	
77	30.8	24.9	37.3	





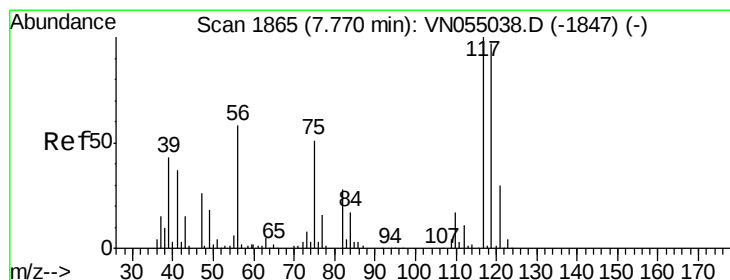
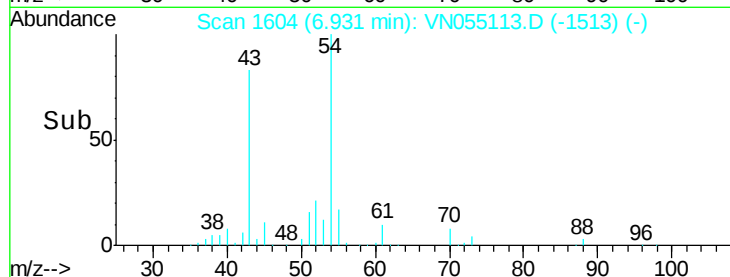
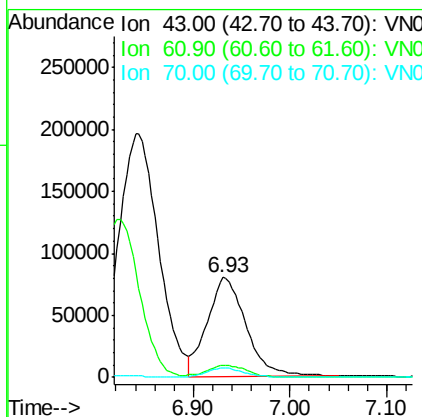
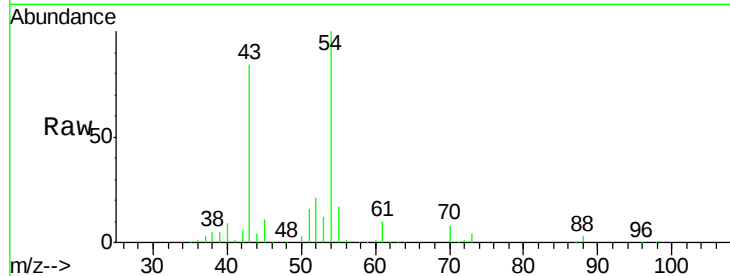
#37
Ethyl Acetate
Concen: 45.529 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.0	15.0
70	9.1	7.1	10.7

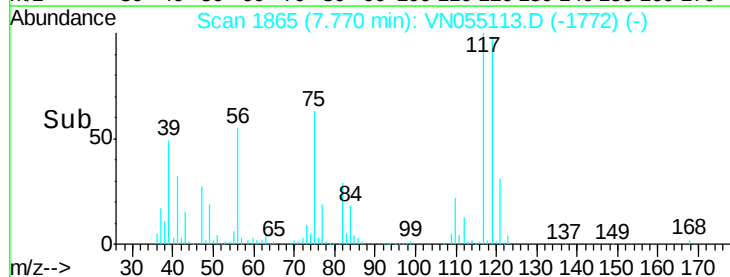
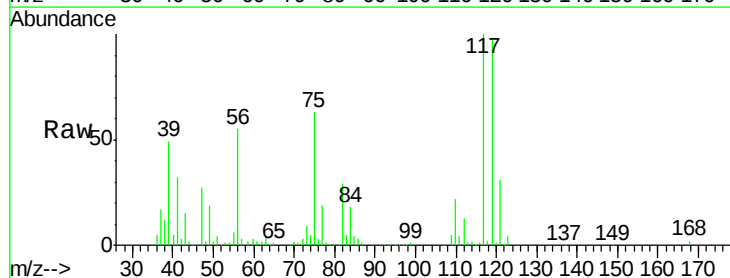
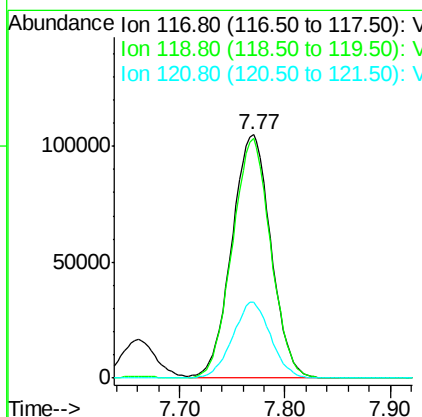
Manual Integrations
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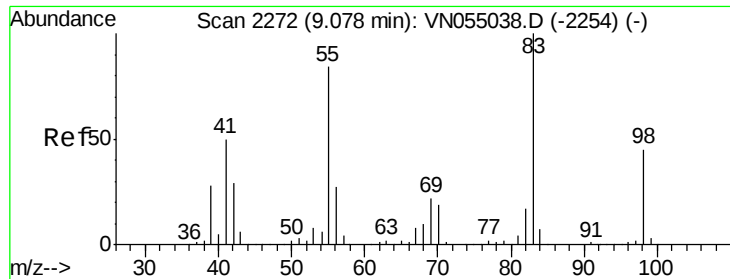
MMDadoda
4/19/2019 5:46:45 PM



#38
Carbon Tetrachloride
Concen: 47.184 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.5	76.3	114.5
121	31.3	23.9	35.9





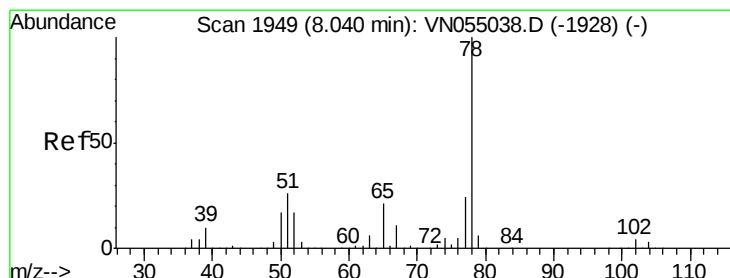
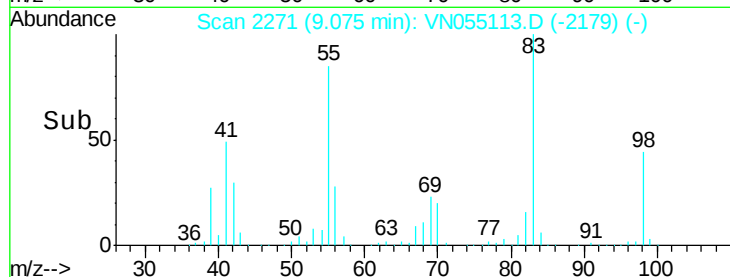
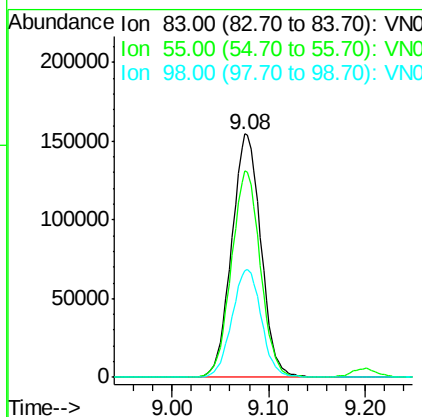
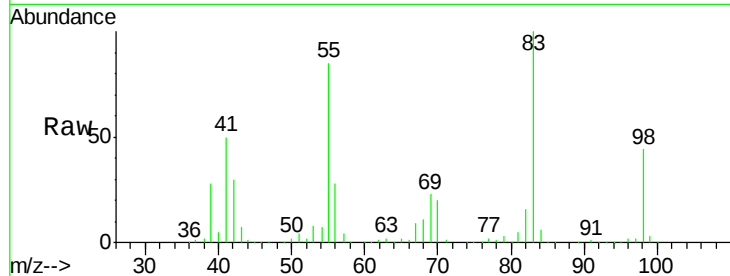
#39
Methvlcvclohexane
Concen: 49.808 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	84.8	67.0	100.4
98	43.9	35.6	53.4

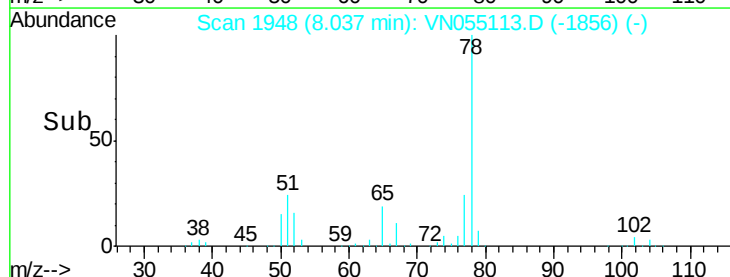
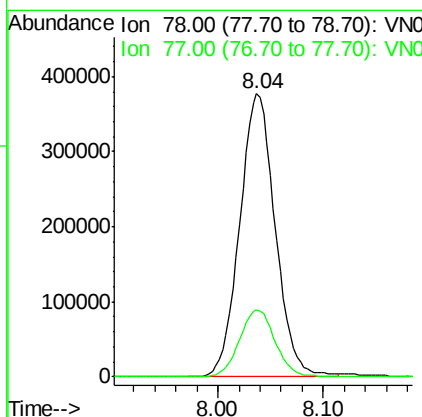
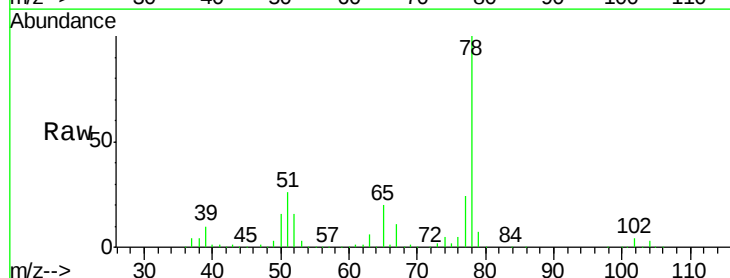
Manual Integrations
APPROVED

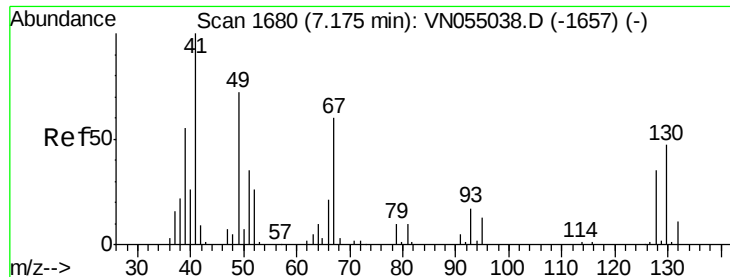
MMDadoda
4/19/2019 5:46:45 PM



#40
Benzene
Concen: 48.756 ug/l
RT: 8.04 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.8	28.2





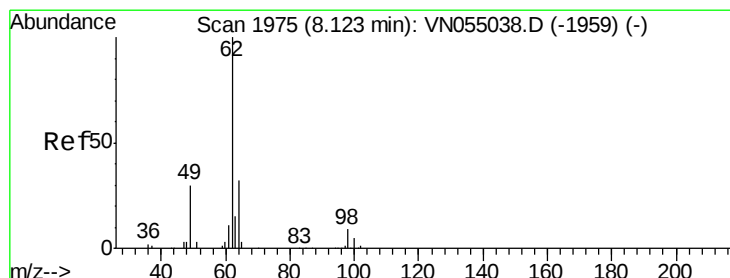
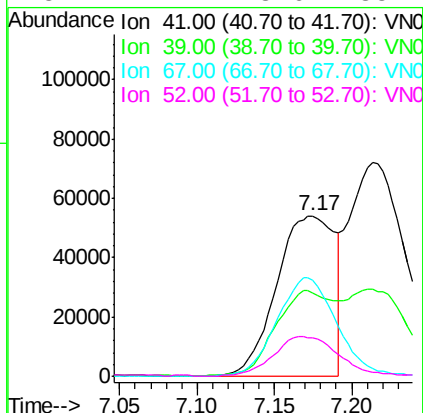
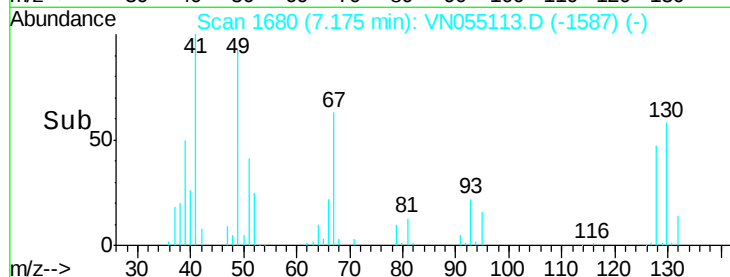
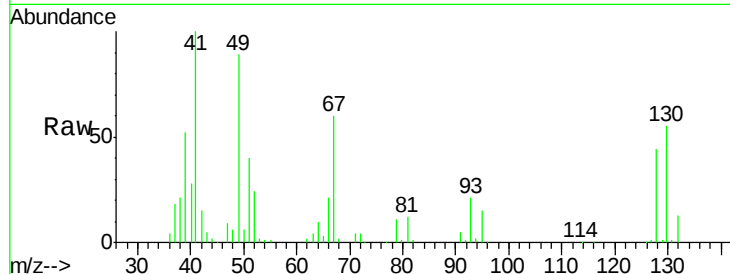
#41
Methacrylonitrile
Concen: 52.054 ug/l
RT: 7.17 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		141344		
39	53.1	45.6	68.4		
67	63.3	57.0	85.6		
52	27.1	23.6	35.4		

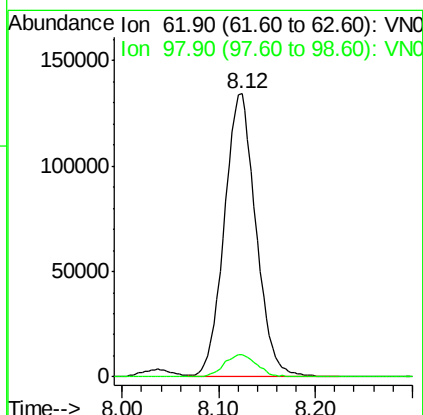
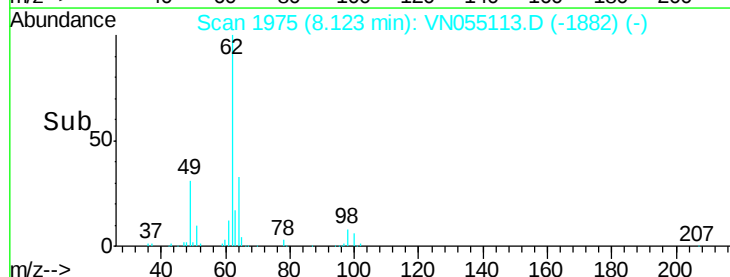
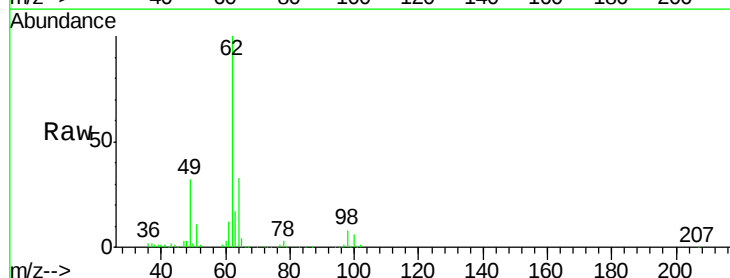
Manual Integrations
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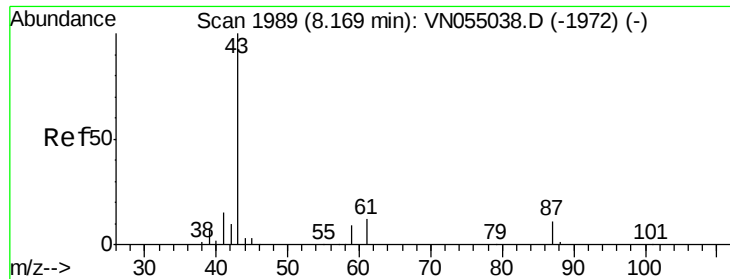
MMDadoda
4/19/2019 5:46:45 PM



#42
1,2-Dichloroethane
Concen: 48.378 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		304170		
98	8.3	0.0	17.4		





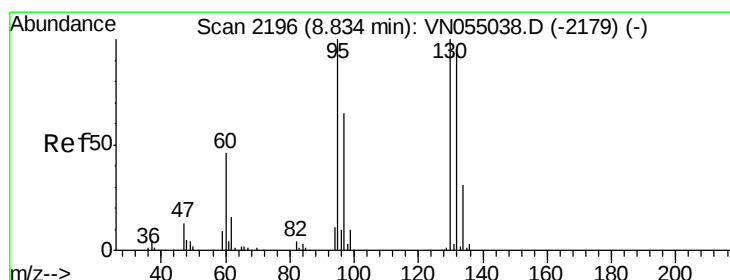
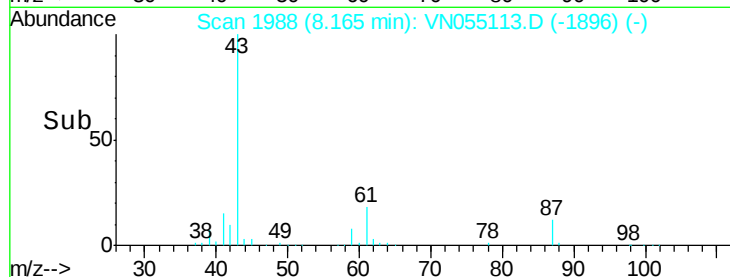
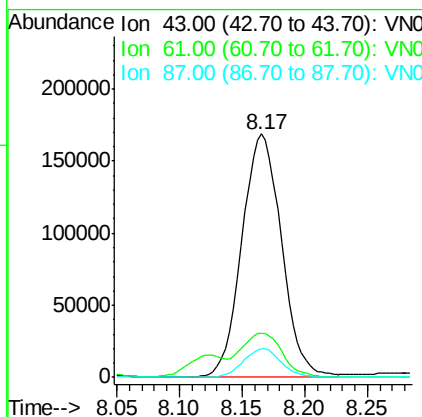
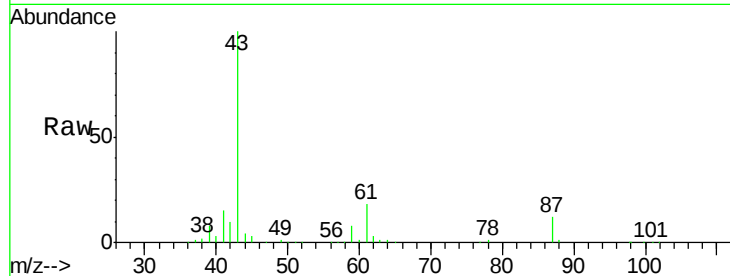
#43
Isopropyl Acetate
Concen: 49.009 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.6	14.3	21.5
87	11.4	8.6	13.0

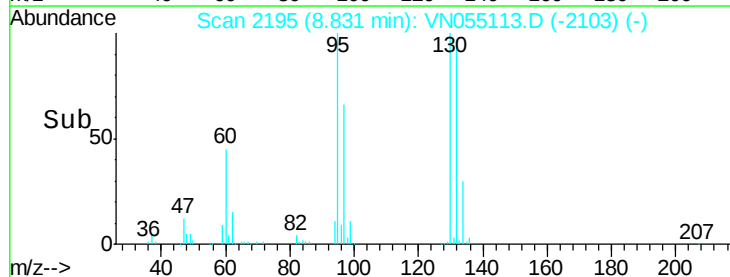
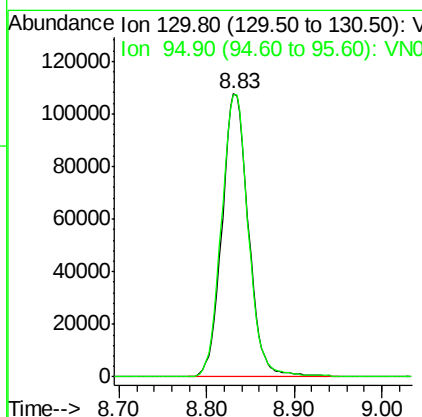
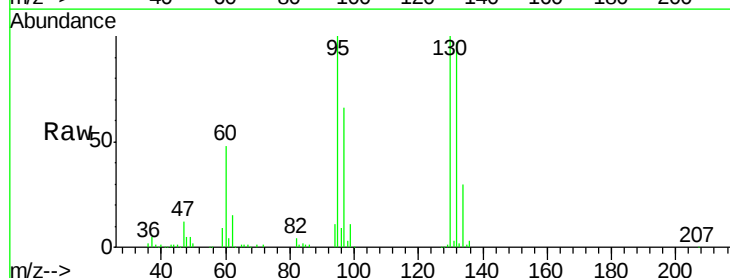
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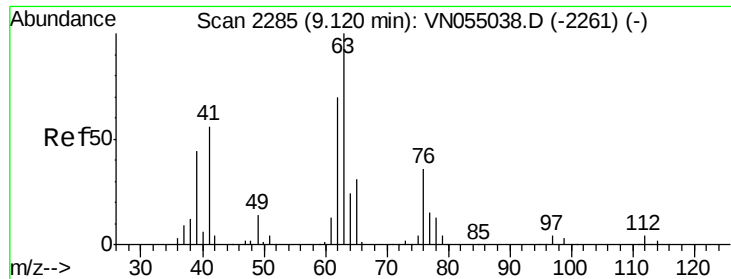
MMDadoda
4/19/2019 5:46:45 PM



#44
Trichloroethene
Concen: 49.949 ug/l
RT: 8.83 min Scan# 2195
Delta R.T. -0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.8	0.0	201.6





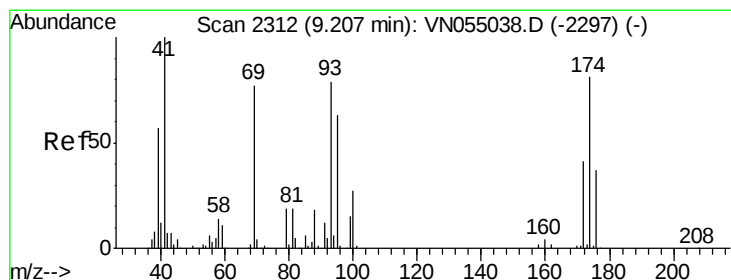
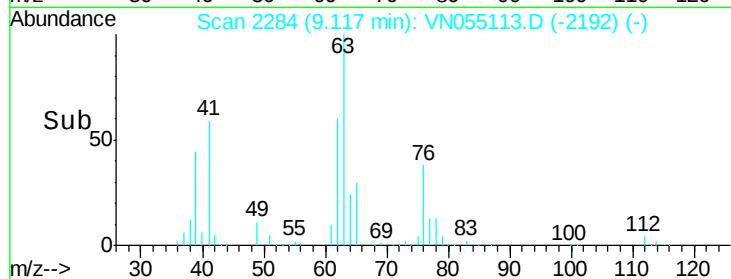
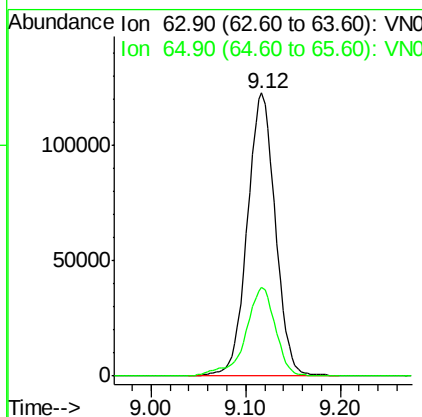
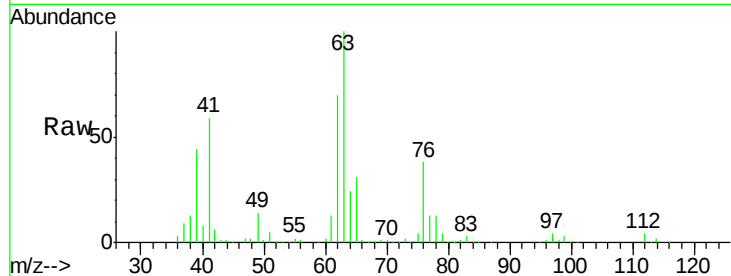
#45
 1,2-Dichloropropane
 Concen: 50.000 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN055113.D
 Acq: 18 Apr 2019 9:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 252515
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.4 36.6

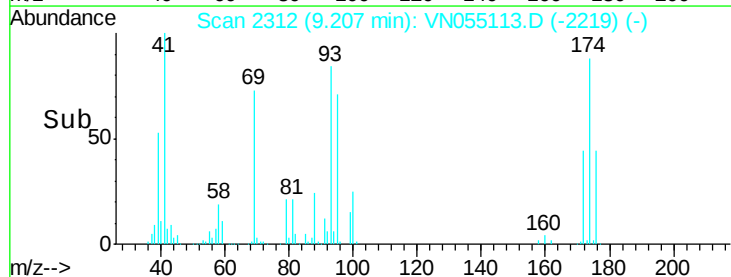
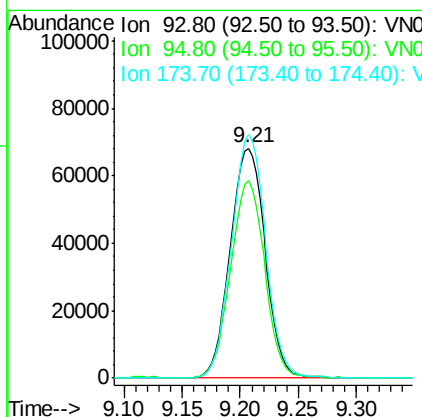
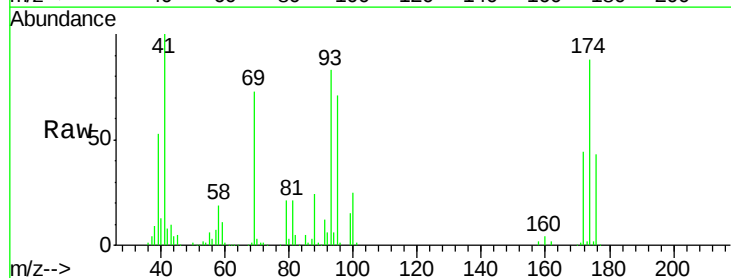
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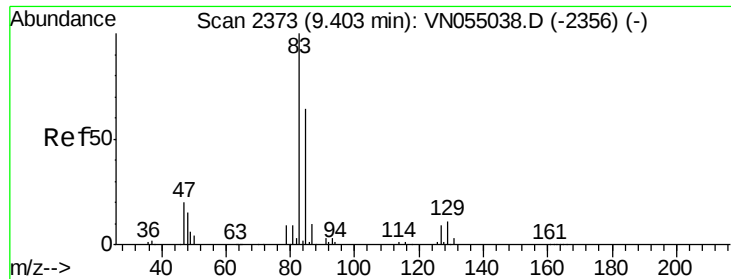
MMDadoda
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#46
 Dibromomethane
 Concen: 49.529 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN055113.D
 Acq: 18 Apr 2019 9:16

Tgt Ion: 93 Resp: 142377
 Ion Ratio Lower Upper
 93 100
 95 84.0 65.0 97.6
 174 103.7 81.0 121.6





#47

Bromodichloromethane

Concen: 50.980 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

Instrument :

MSVOA_N

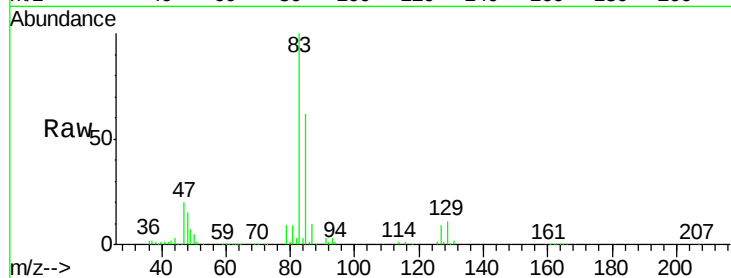
ClientSampleId :

VSTDCCC050

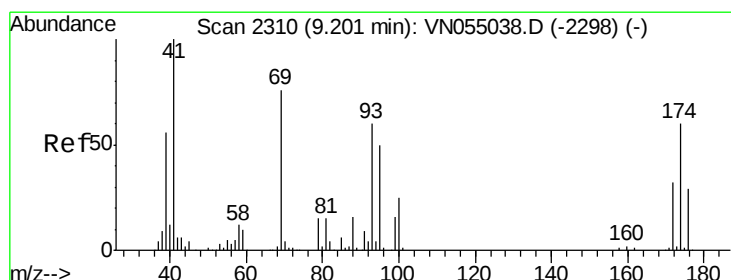
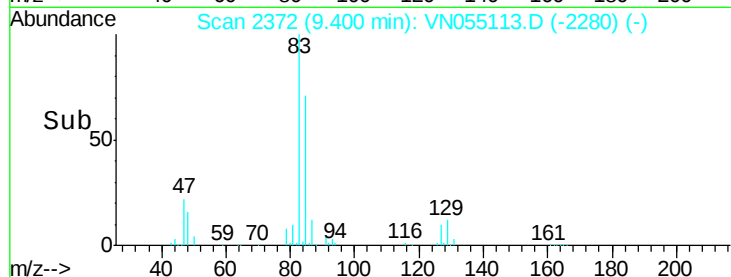
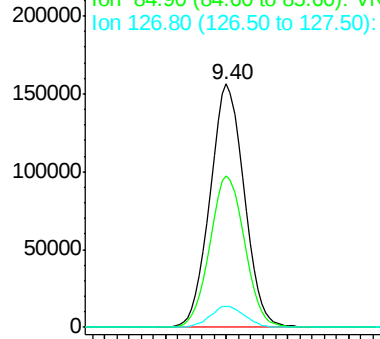
Tot Ion:	83	Resp:	302138
Ion Ratio	Lower	Upper	
83	100		
85	62.2	51.2	76.8
127	8.8	6.8	10.2

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VN055113.D (-2280) (-)



#48

Methyl methacrylate

Concen: 50.446 ug/l

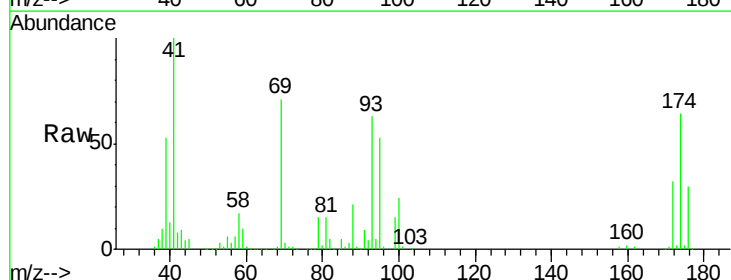
RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

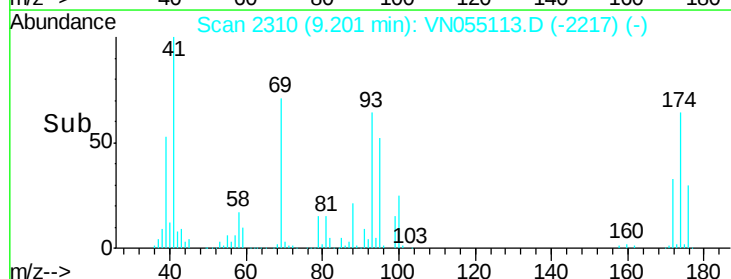
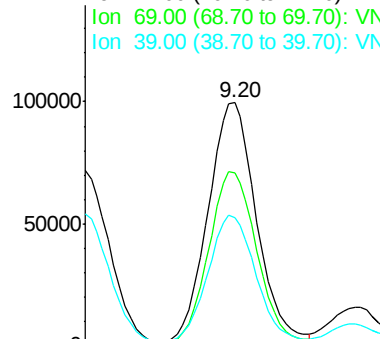
Lab File: VN055113.D

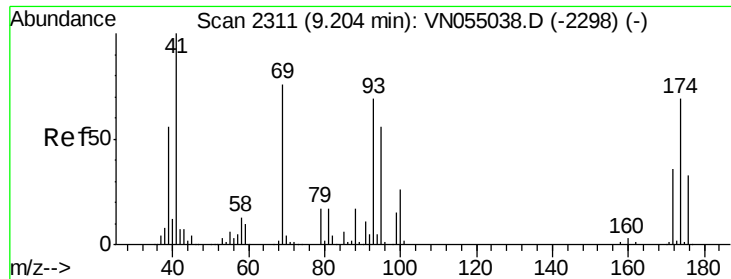
Acq: 18 Apr 2019 9:16

Tgt Ion:	41	Resp:	188463
Ion Ratio	Lower	Upper	
41	100		
69	75.2	60.5	90.7
39	54.6	43.9	65.9



Abundance Ion 41.00 (40.70 to 41.70): VN055113.D (-2217) (-)





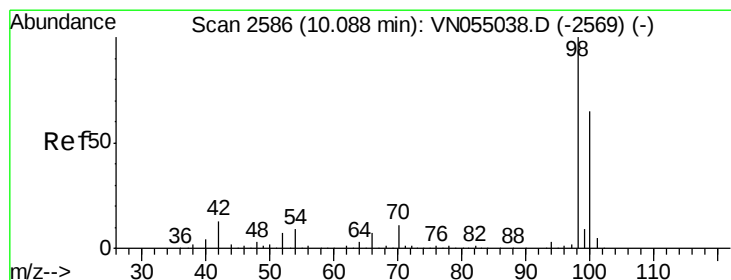
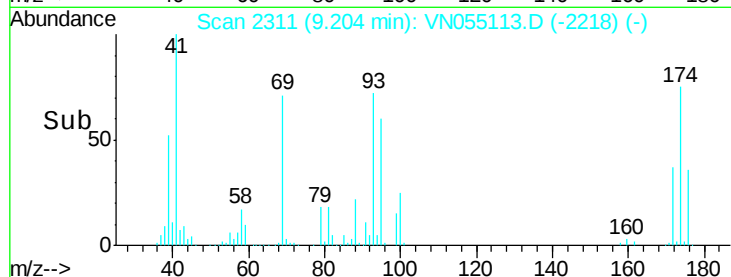
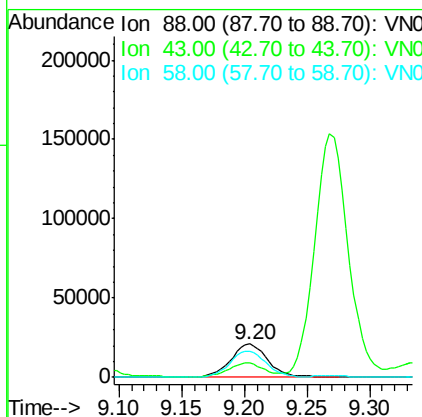
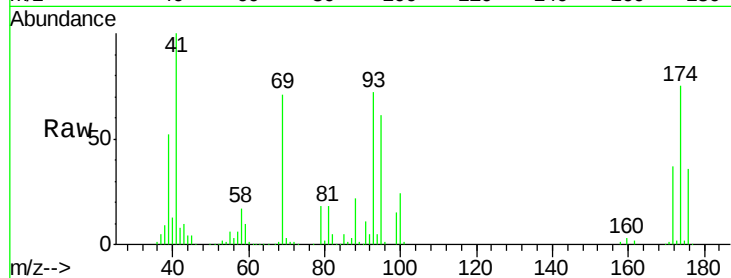
#49
1,4-Dioxane
Concen: 1240.018 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	43402
Ion Ratio	Lower	Upper	
88	100		
43	38.3	31.8	47.8
58	76.4	61.6	92.4

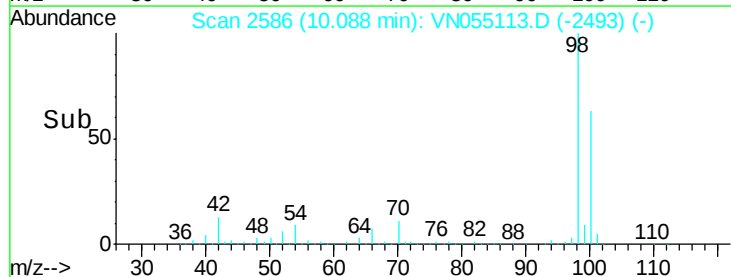
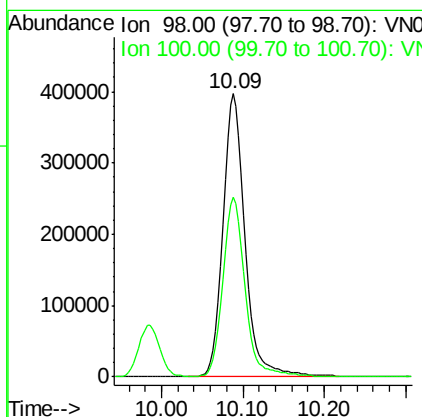
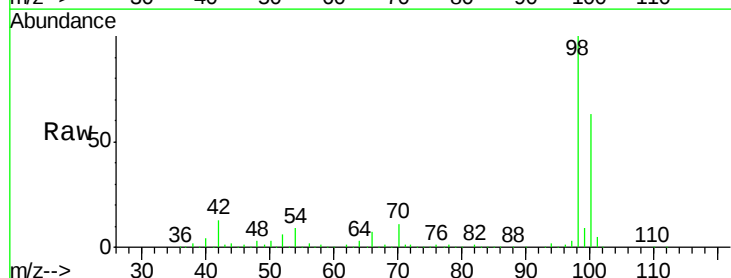
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#50
Toluene-d8
Concen: 50.001 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Tgt Ion	98	Resp	762294
Ion Ratio	Lower	Upper	
98	100		
100	64.2	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 253.539 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1104034

Ion Ratio Lower Upper

43 100

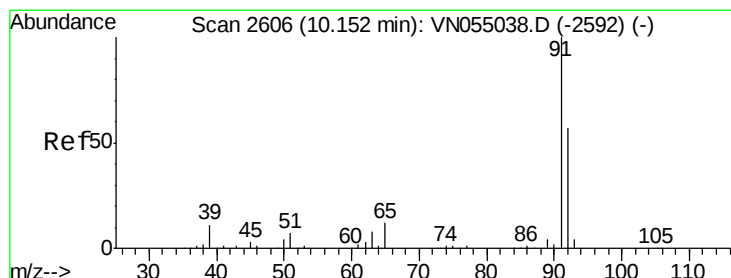
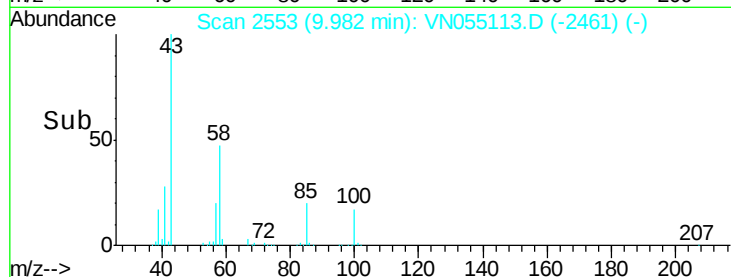
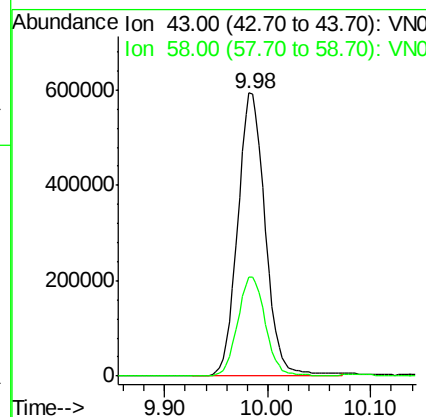
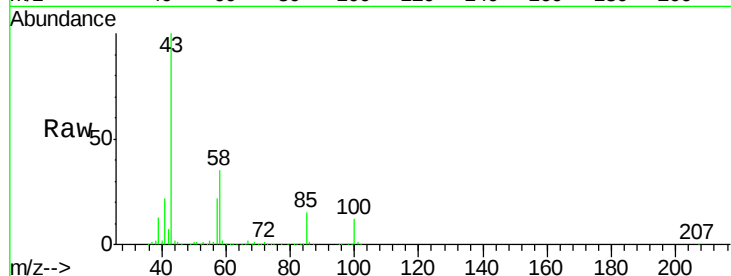
58 35.4 29.0 43.4

Manual Integrations

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#52

Toluene

Concen: 51.443 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN055113.D

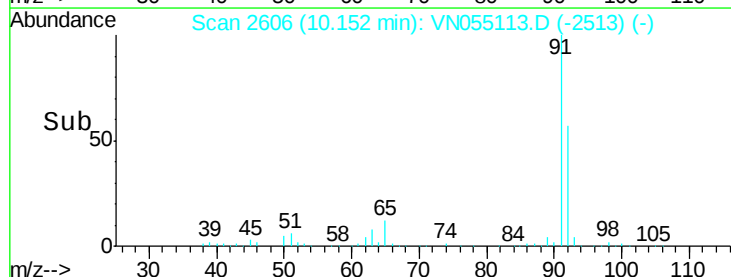
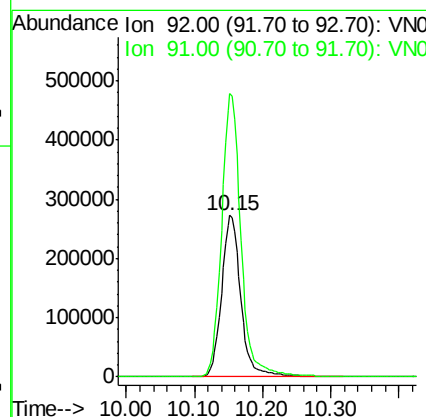
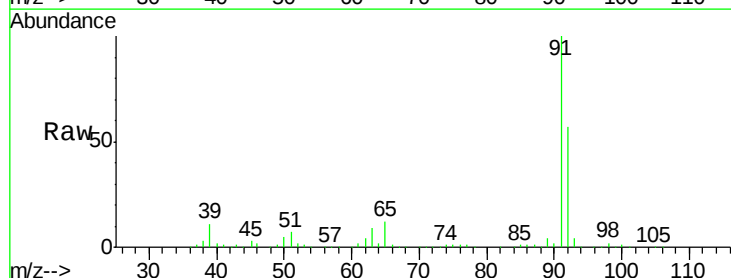
Acq: 18 Apr 2019 9:16

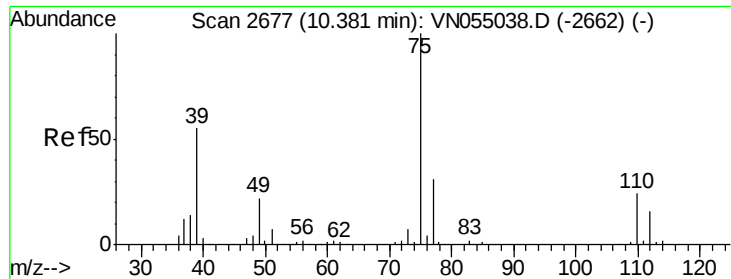
Tgt Ion: 92 Resp: 533552

Ion Ratio Lower Upper

92 100

91 176.6 140.8 211.2





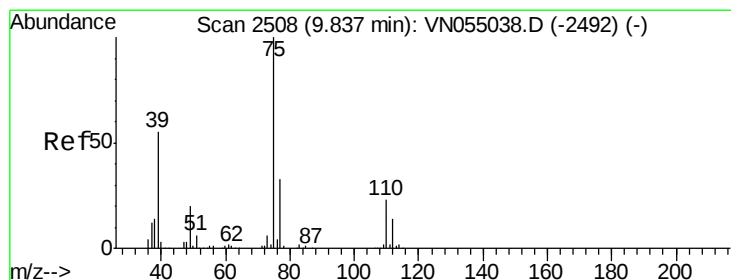
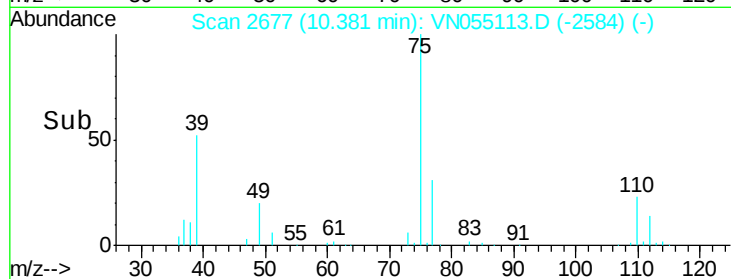
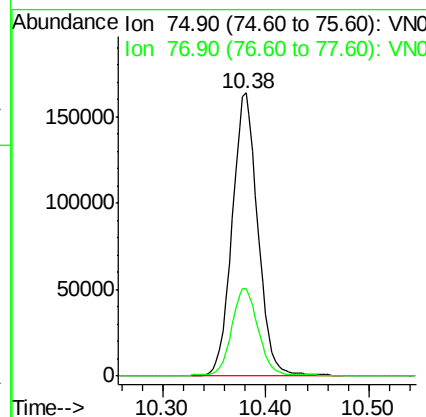
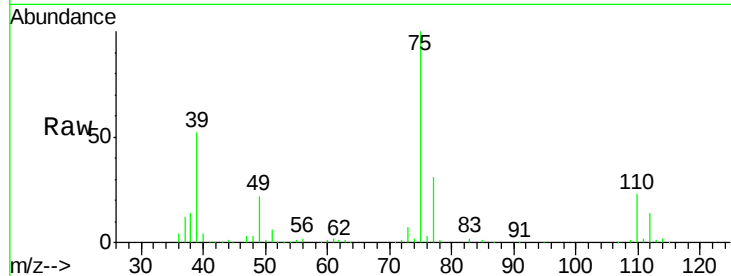
#53
 t-1,3-Dichloropropene
 Concen: 54.891 ug/l
 RT: 10.38 min Scan# 2677
 Delta R.T. 0.00 min
 Lab File: VN055113.D
 Acq: 18 Apr 2019 9:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 284296
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.6 37.0

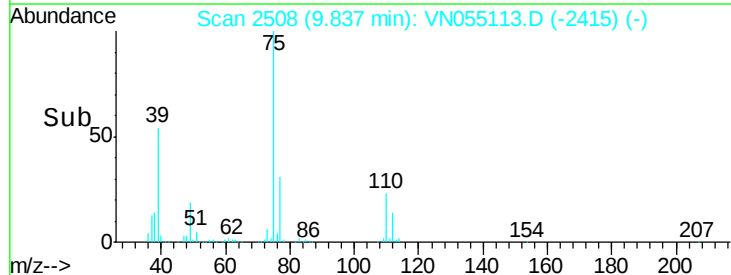
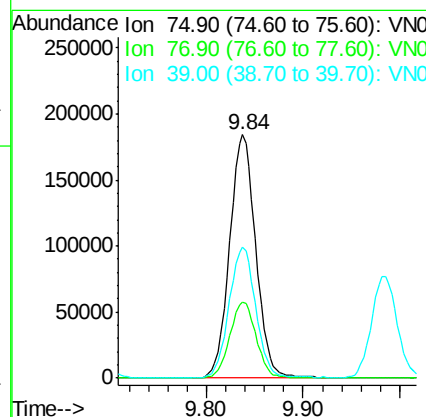
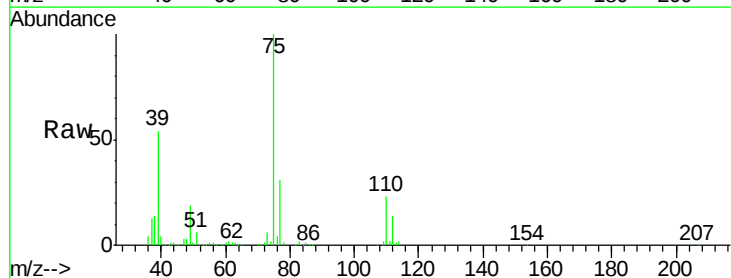
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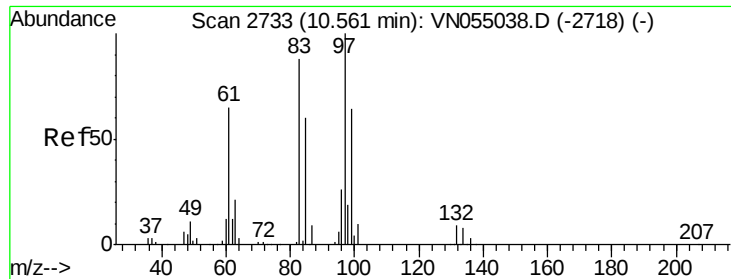
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#54
 cis-1,3-Dichloropropene
 Concen: 53.839 ug/l
 RT: 9.84 min Scan# 2508
 Delta R.T. 0.00 min
 Lab File: VN055113.D
 Acq: 18 Apr 2019 9:16

Tgt Ion: 75 Resp: 346092
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.8 38.6
 39 53.7 43.8 65.8





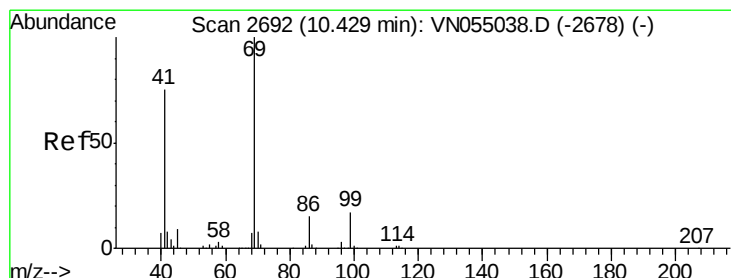
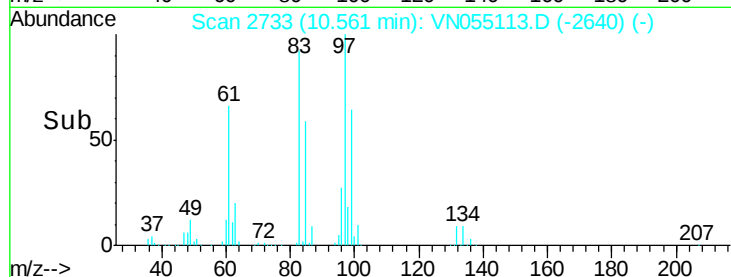
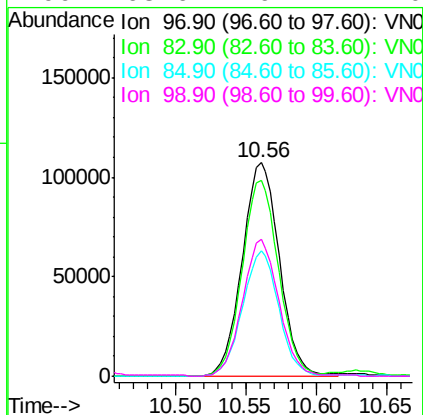
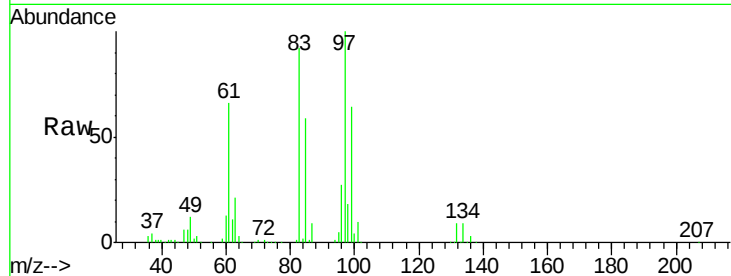
#55
 1,1,2-Trichloroethane
 Concen: 49.706 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN055113.D
 Acq: 18 Apr 2019 9:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	198625
Ion	Ratio	Lower	Upper
97	100		
83	91.7	70.5	105.7
85	58.6	45.5	68.3
99	63.6	49.4	74.0

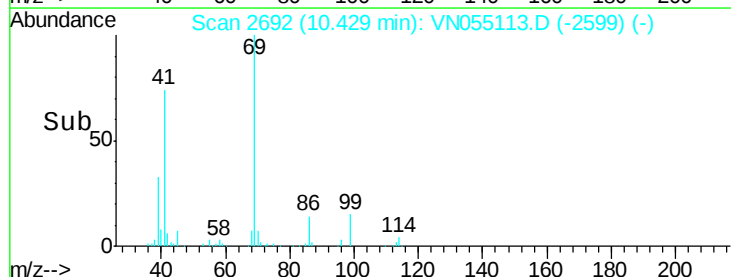
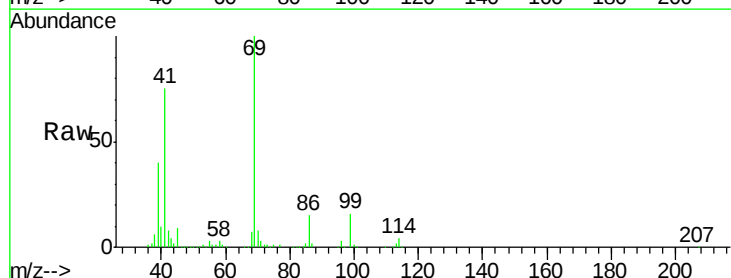
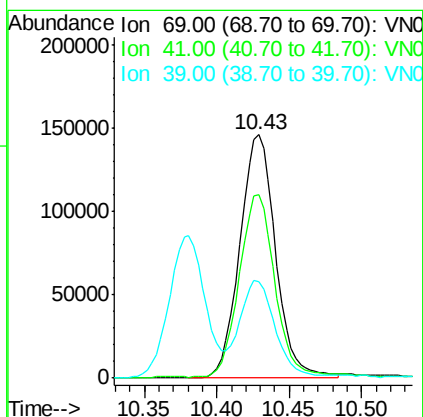
Manual Integrations
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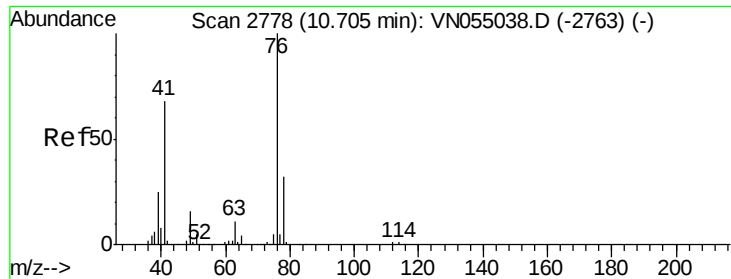
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#56
 Ethyl methacrylate
 Concen: 52.341 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN055113.D
 Acq: 18 Apr 2019 9:16

Tgt Ion:	69	Resp:	251007
Ion	Ratio	Lower	Upper
69	100		
41	75.1	61.4	92.0
39	39.7	30.8	46.2





#57

1,3-Dichloropropane

Concen: 50.394 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 342857

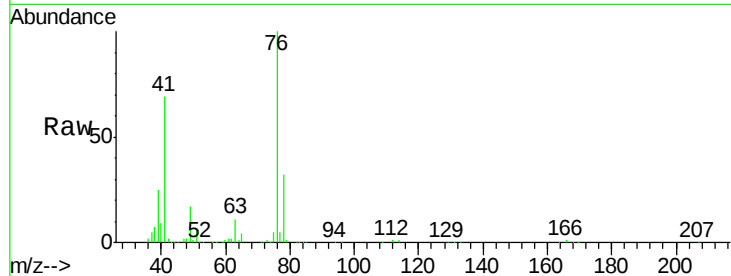
Ion Ratio Lower Upper

76 100

78 32.3 25.6 38.4

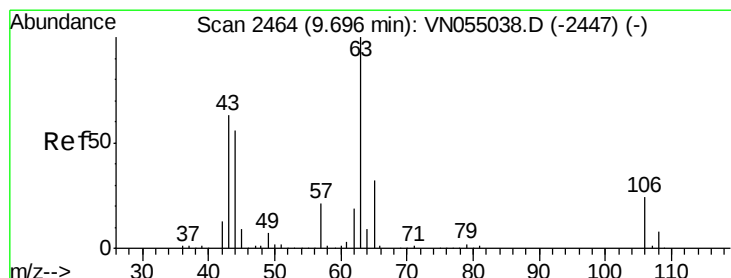
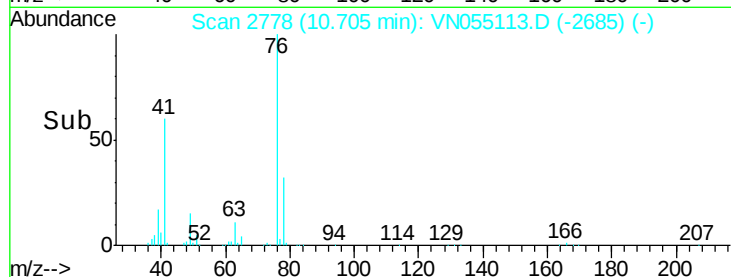
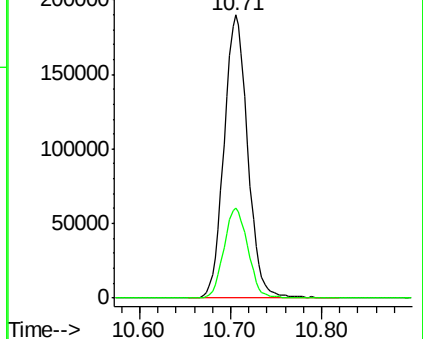
Manual Integrations
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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 228.016 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN055113.D

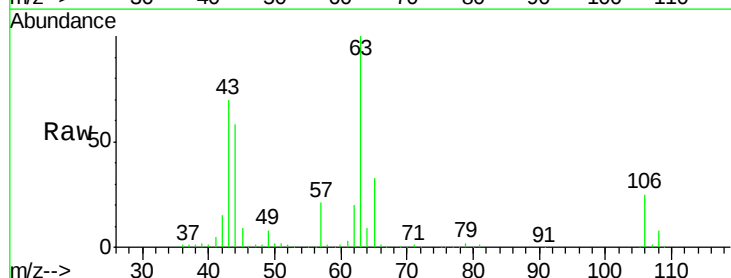
Acq: 18 Apr 2019 9:16

Tgt Ion: 63 Resp: 478206

Ion Ratio Lower Upper

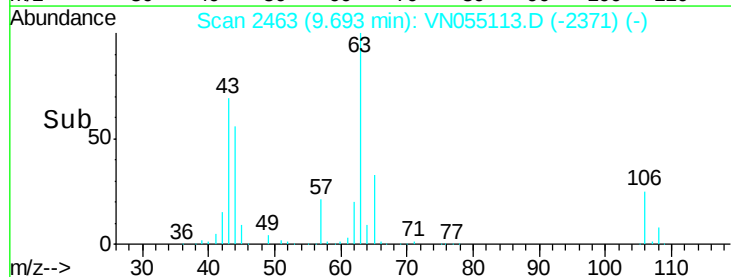
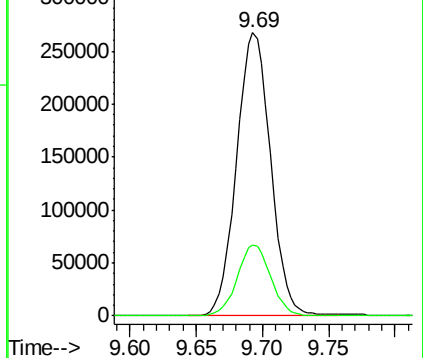
63 100

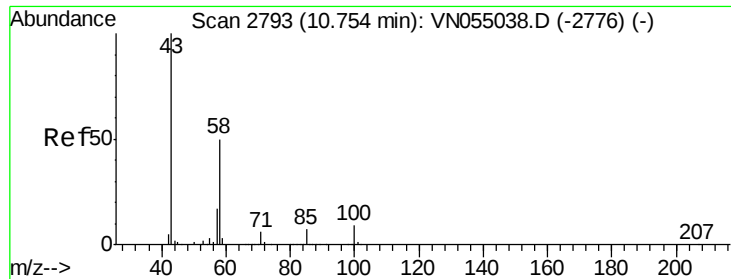
106 24.6 20.0 30.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





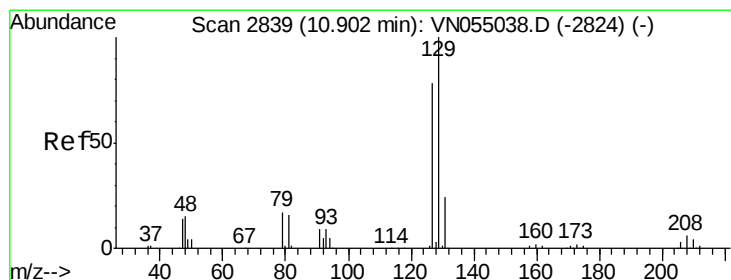
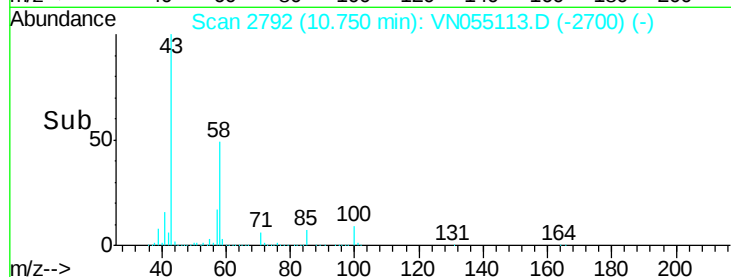
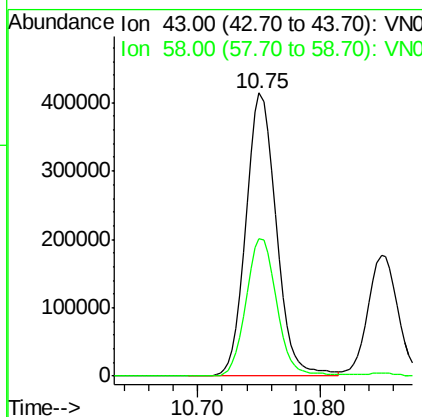
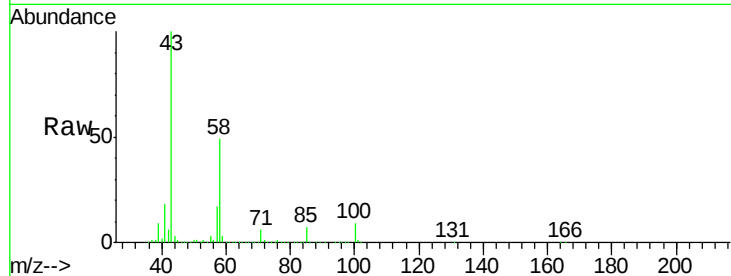
#59
2-Hexanone
Concen: 258.054 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	705786
Ion Ratio	100	Lower	Upper
43	100		
58	49.8	25.1	75.2

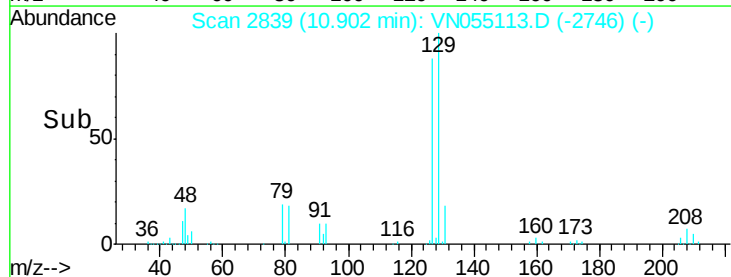
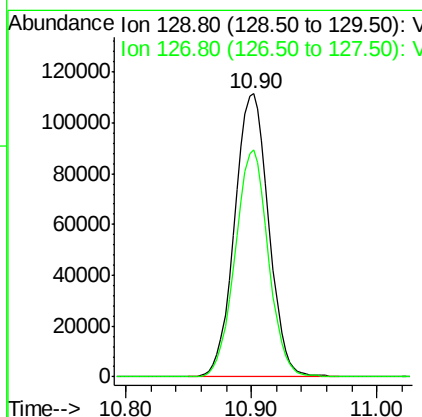
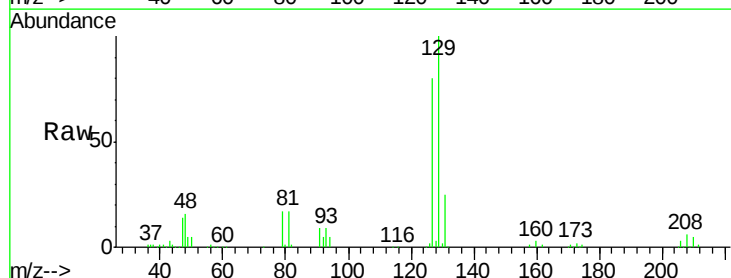
Manual Integrations
APPROVED

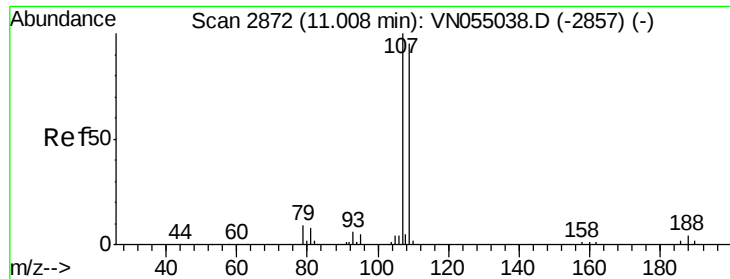
MMDadoda
4/19/2019 5:46:45 PM



#60
Dibromochloromethane
Concen: 53.918 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Tgt Ion	129	Resp	210390
Ion Ratio	100	Lower	Upper
129	100		
127	78.0	38.2	114.6





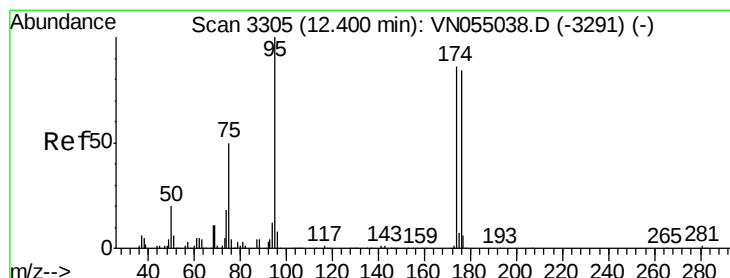
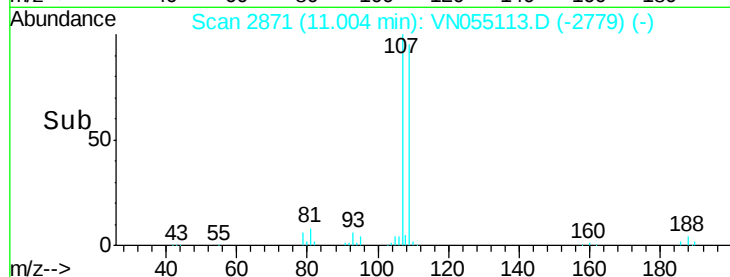
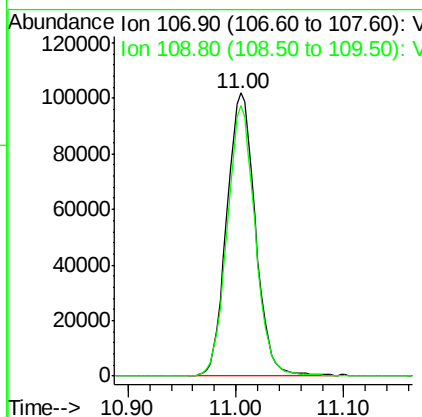
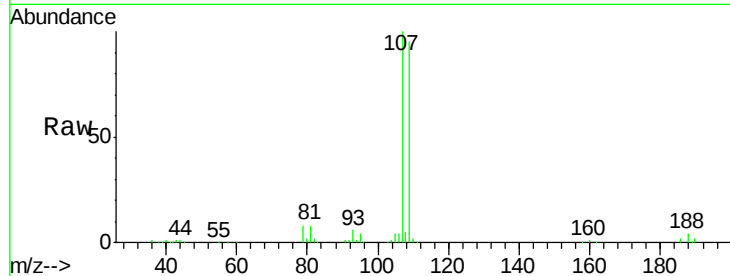
#61
 1,2-Dibromoethane
 Concen: 51.340 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN055113.D
 Acq: 18 Apr 2019 9:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	188826		
109	93.5	76.5	114.7	

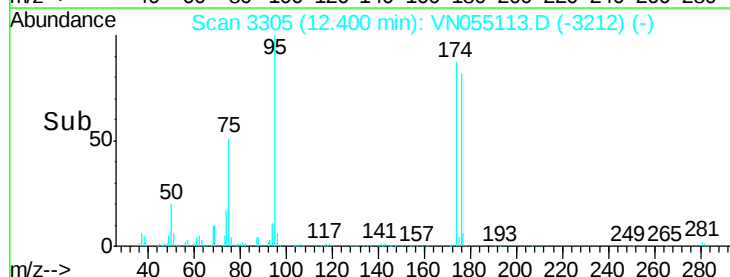
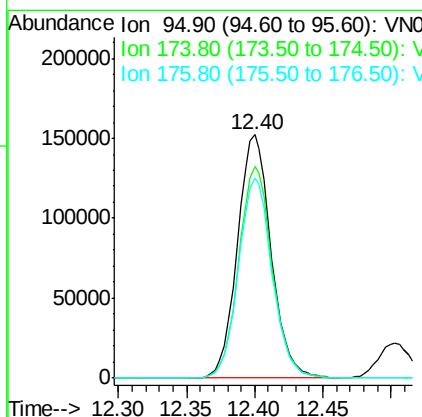
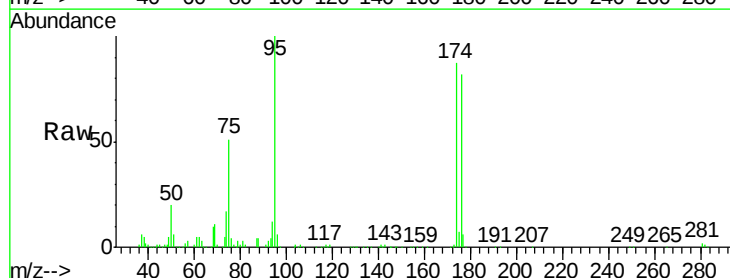
Manual Integrations
 APPROVED

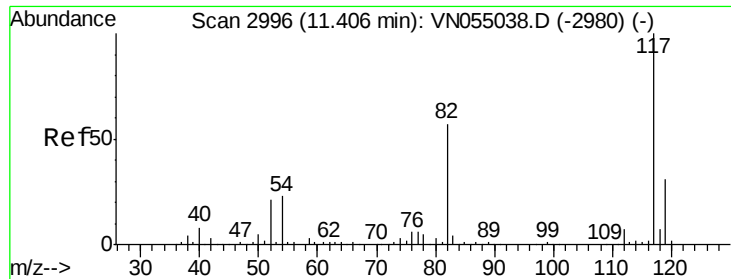
MMDadoda
 4/19/2019 5:46:45 PM



#62
 4-Bromofluorobenzene
 Concen: 52.611 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN055113.D
 Acq: 18 Apr 2019 9:16

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	260757		
174	86.5	0.0	174.4	
176	82.4	0.0	166.8	





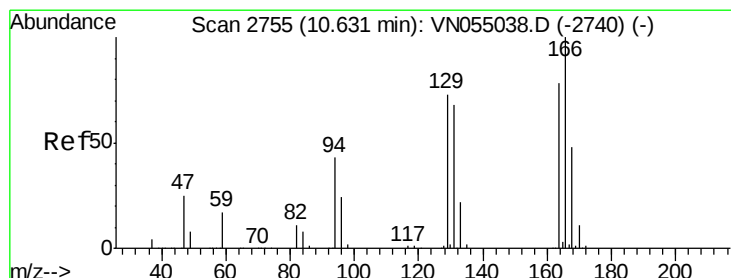
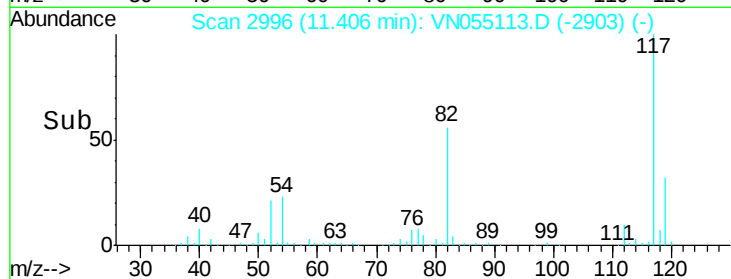
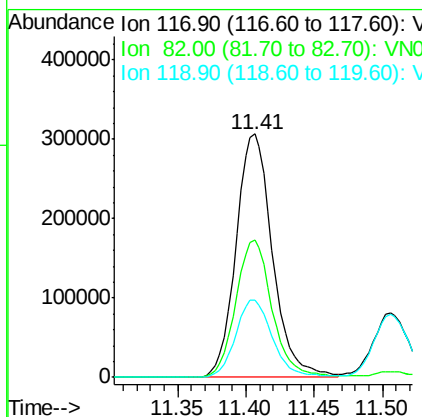
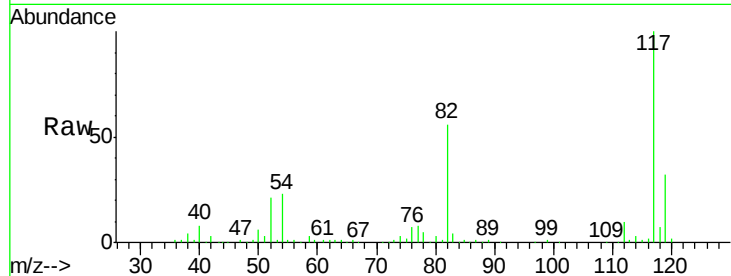
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.2	44.6	66.8
119	31.5	25.5	38.3

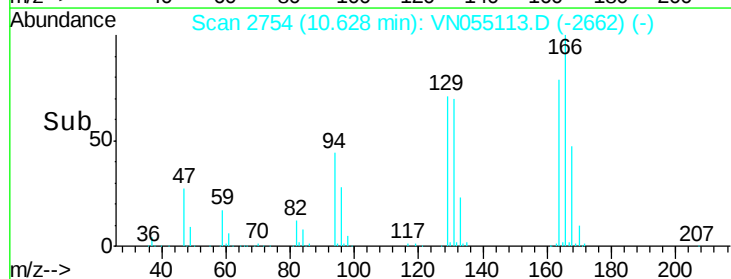
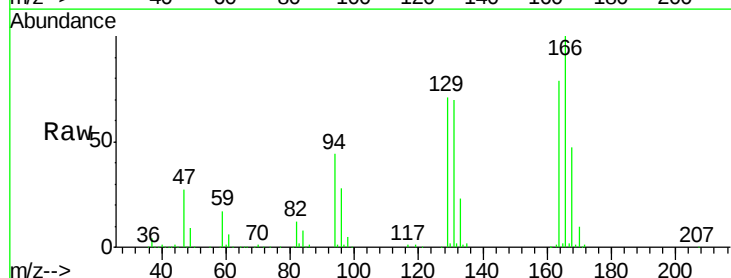
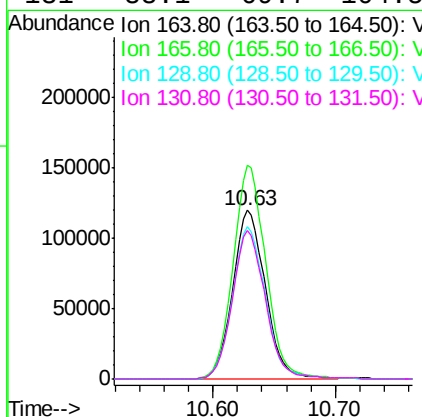
Manual Integrations
APPROVED

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4/19/2019 5:46:45 PM



#64
Tetrachloroethene
Concen: 48.053 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.7	100.0	150.0
129	90.2	72.0	108.0
131	88.1	69.7	104.5





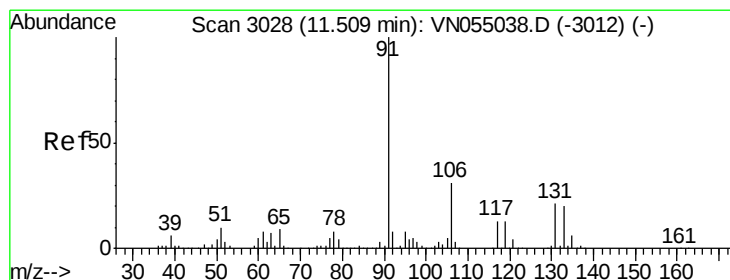
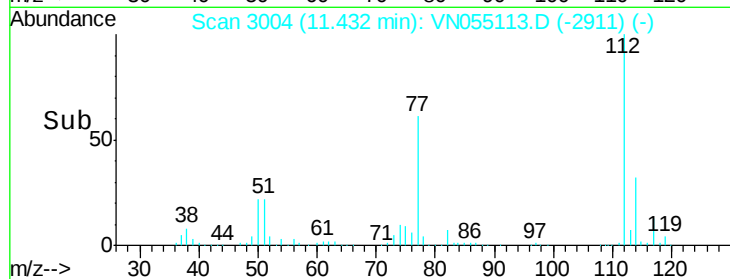
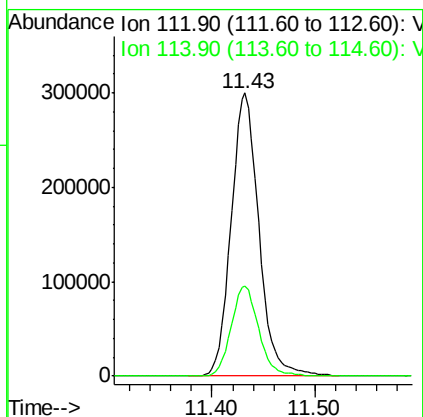
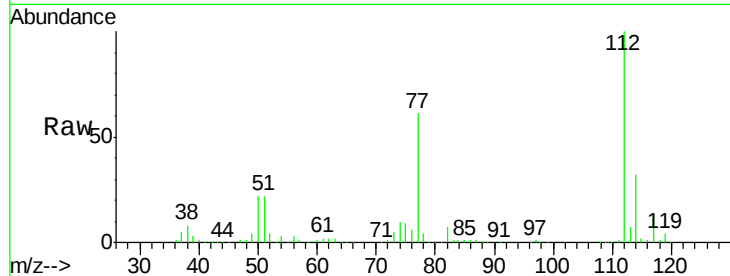
#65
Chlorobenzene
Concen: 49.160 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 563174
Ion Ratio Lower Upper
112 100
114 31.9 25.3 37.9

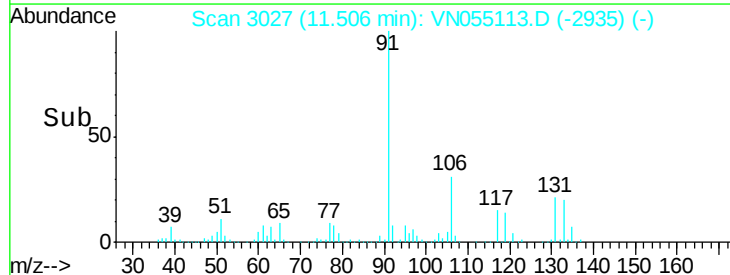
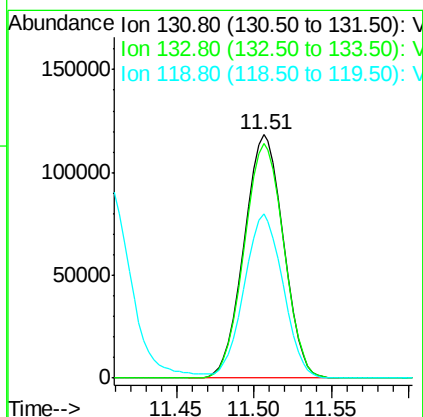
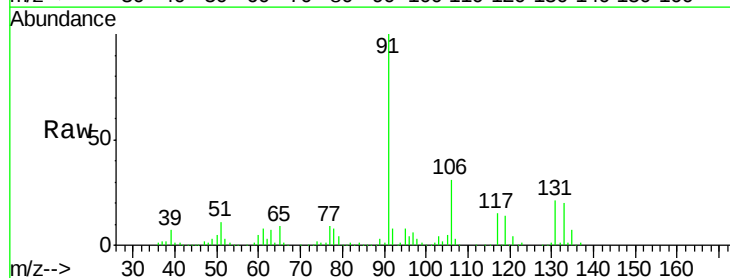
Manual Integrations
APPROVED

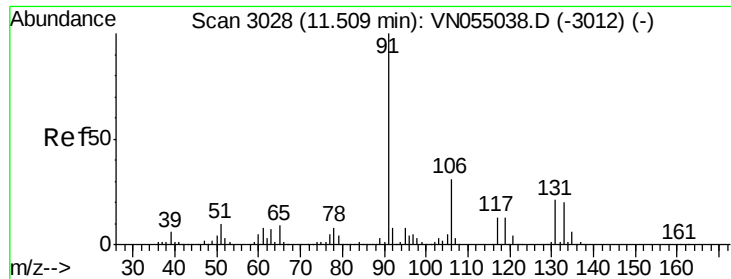
MMDadoda
4/19/2019 5:46:45 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.790 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Tgt Ion:131 Resp: 209788
Ion Ratio Lower Upper
131 100
133 97.1 47.8 143.3
119 66.9 33.6 100.6





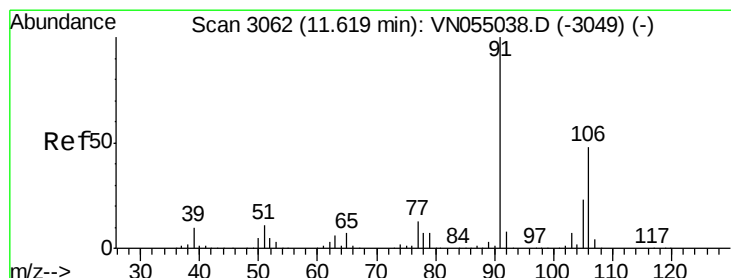
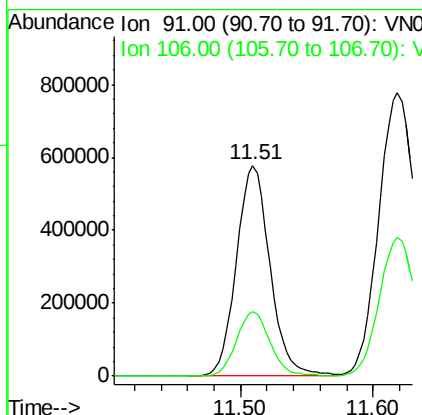
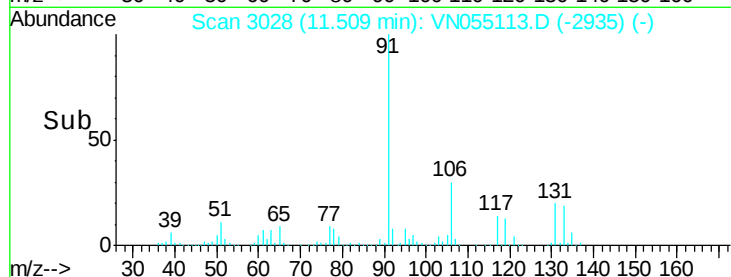
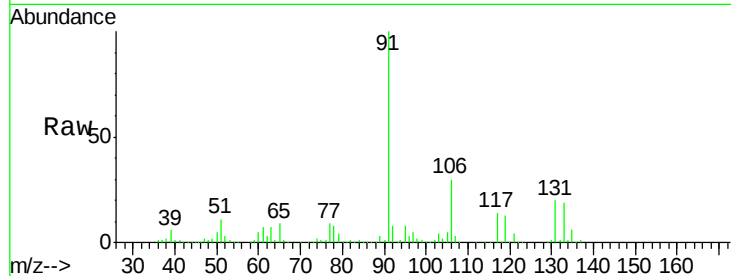
#67
Ethyl Benzene
Concen: 49.780 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1018409
Ion Ratio Lower Upper
91 100
106 30.5 24.3 36.5

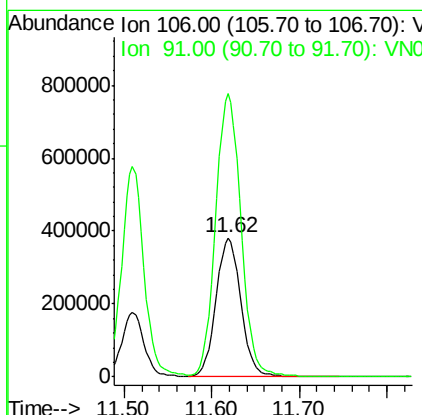
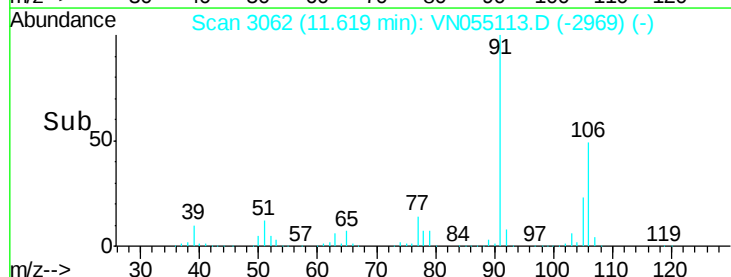
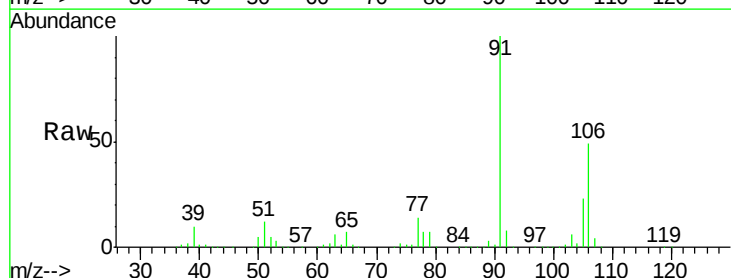
Manual Integrations
APPROVED

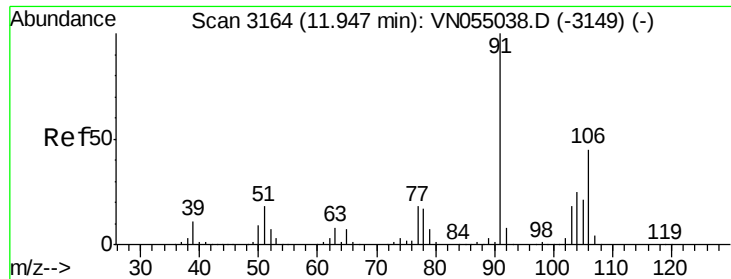
MMDadoda
4/19/2019 5:46:45 PM



#68
m/p-Xylenes
Concen: 102.010 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Tgt Ion: 106 Resp: 755713
Ion Ratio Lower Upper
106 100
91 206.9 165.9 248.9





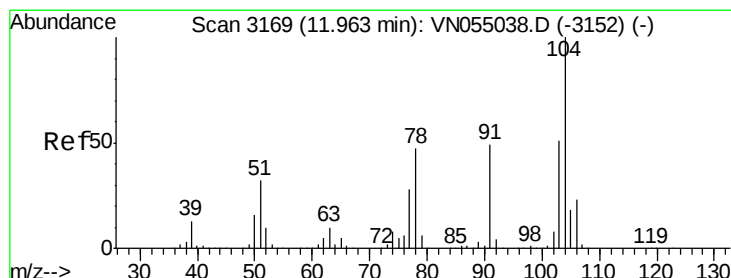
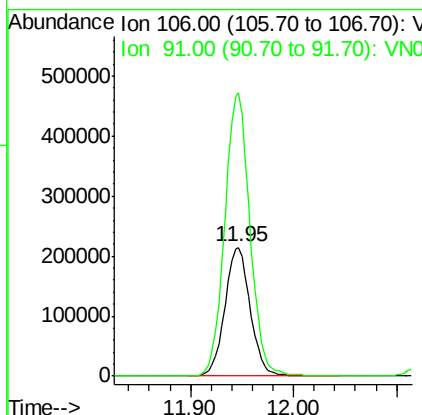
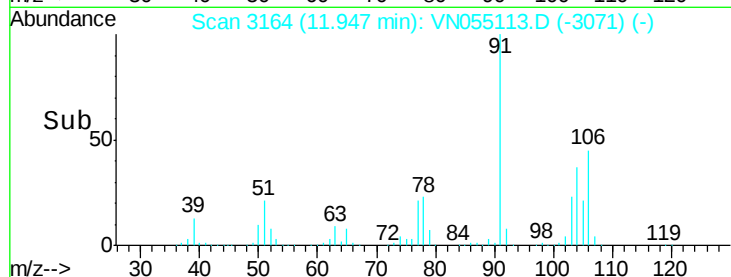
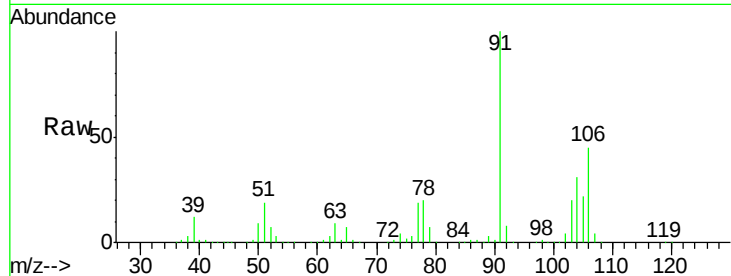
#69
o-Xylene
Concen: 51.190 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 367299
Ion Ratio Lower Upper
106 100
91 218.9 109.9 329.8

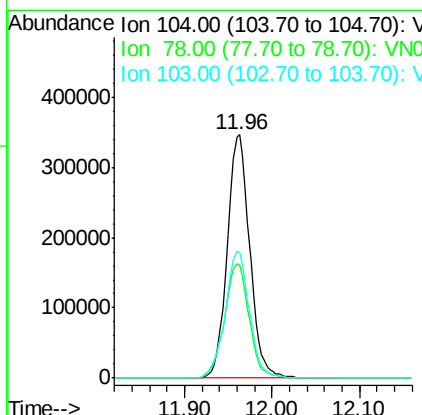
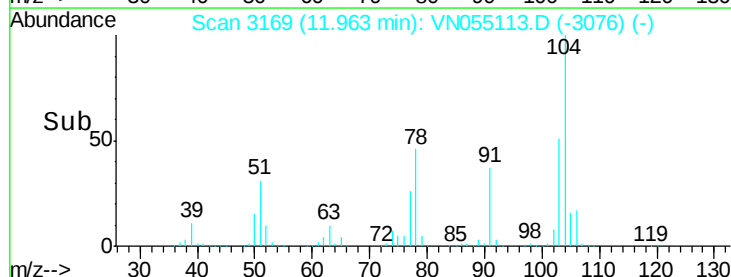
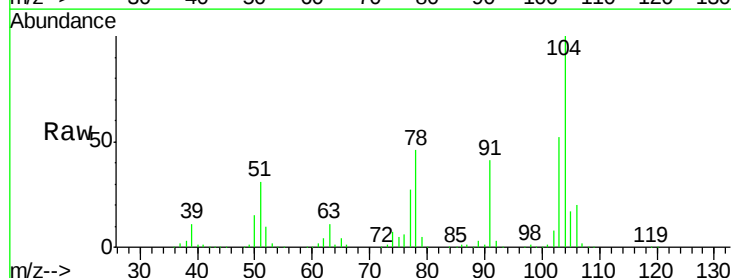
Manual Integrations
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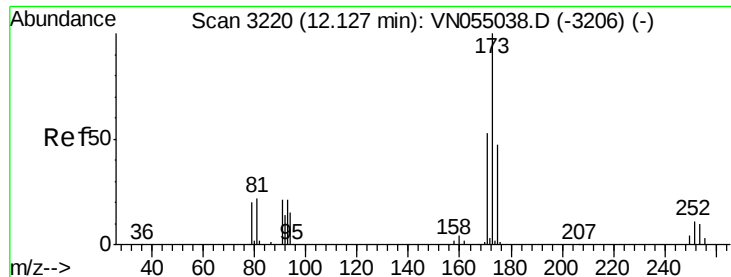
MMDadoda
4/19/2019 5:46:45 PM



#70
Styrene
Concen: 53.249 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Tgt Ion:104 Resp: 618461
Ion Ratio Lower Upper
104 100
78 51.4 40.3 60.5
103 55.8 44.3 66.5





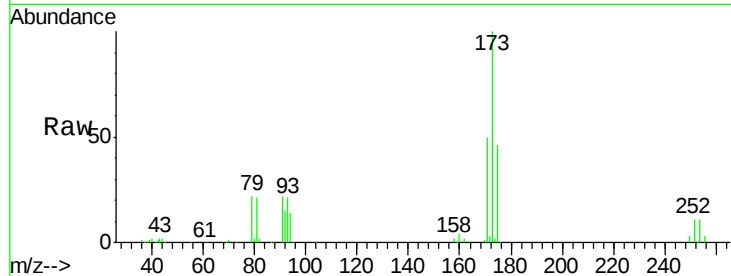
#71
Bromoform
Concen: 54.352 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. -0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	46.8	24.3	73.0
254	0.0	0.1	0.1

Manual Integrations
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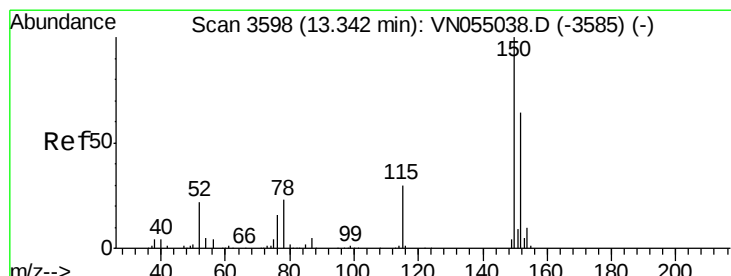
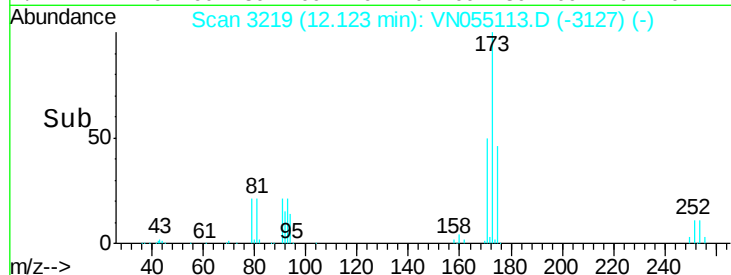
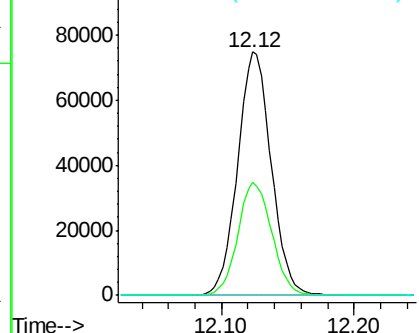


Abundance

Ion 172.70 (172.40 to 173.40): V

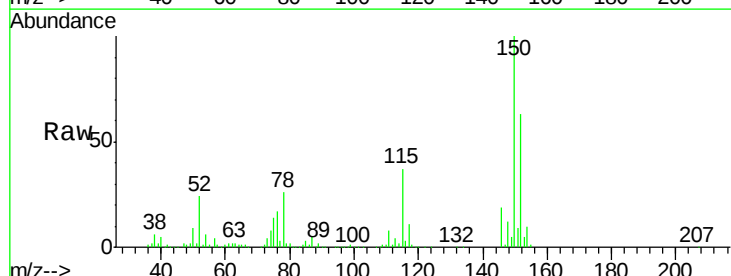
Ion 174.70 (174.40 to 175.40): V

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: VN055113.D
Acq: 18 Apr 2019 9:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.2	28.5	85.6
150	173.3	0.0	347.2

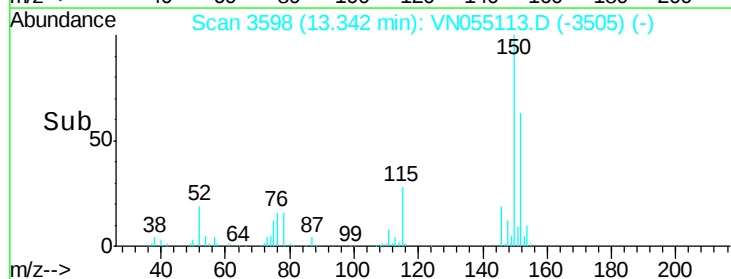
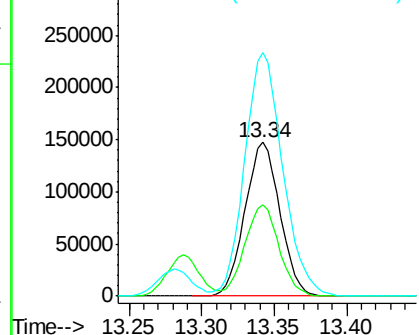


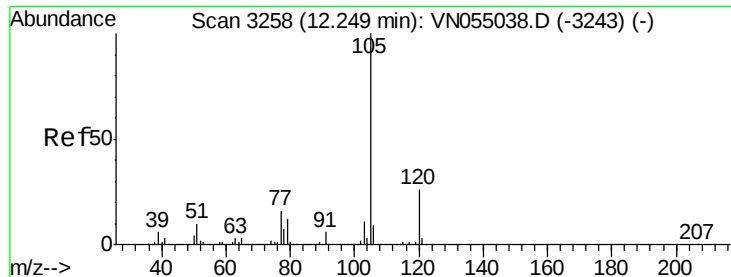
Abundance

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: 44.568 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 975084

Ion Ratio Lower Upper

105 100

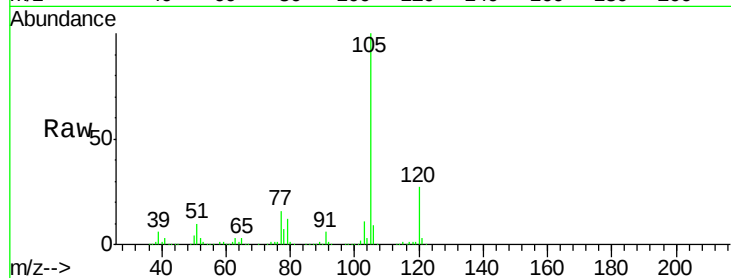
120 26.9 13.3 39.9

Manual Integrations

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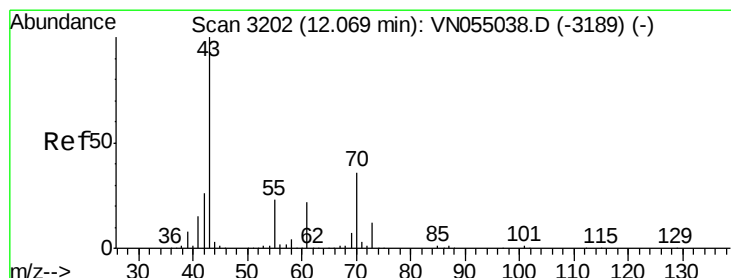
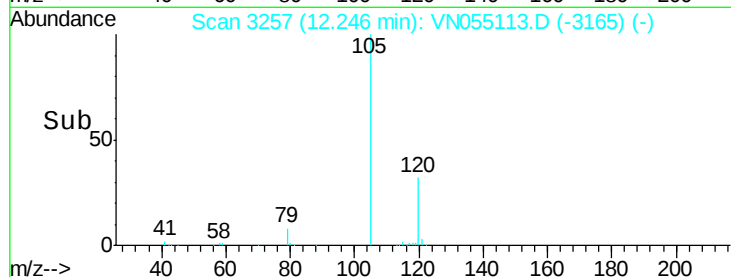
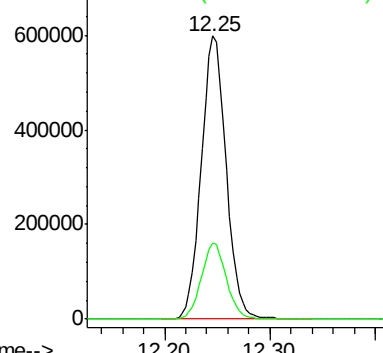
MMDadoda

4/19/2019 5:46:45 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.557 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

Tgt Ion: 43 Resp: 299052

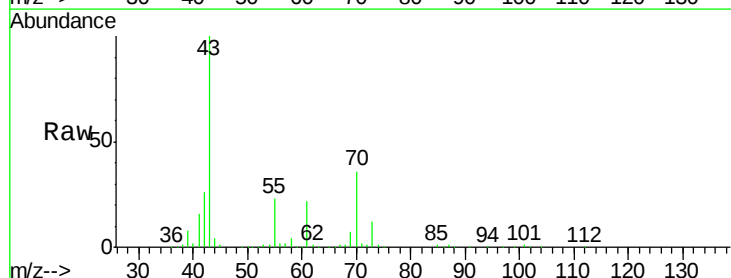
Ion Ratio Lower Upper

43 100

70 35.4 29.4 44.0

55 23.6 19.0 28.4

61 21.4 17.7 26.5

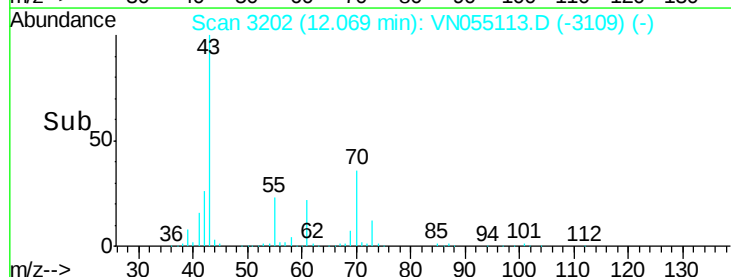
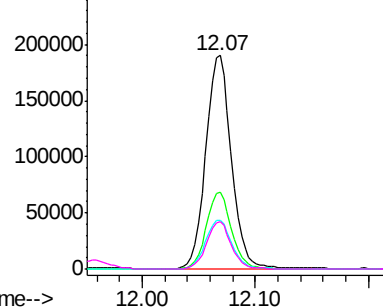


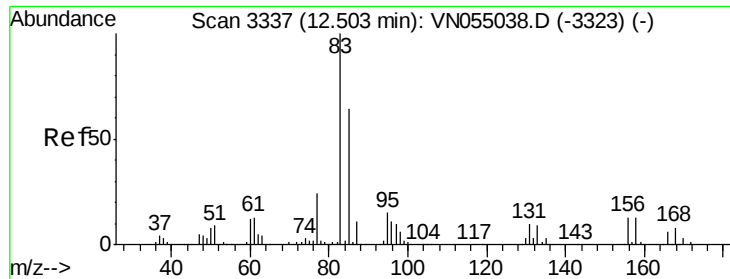
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 41.388 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

Instrument :

MSVOA_N

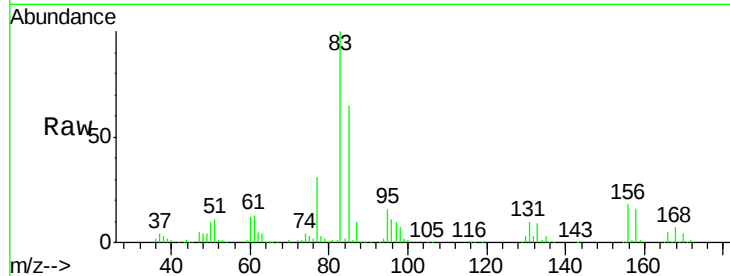
ClientSampleId :

VSTDCCC050

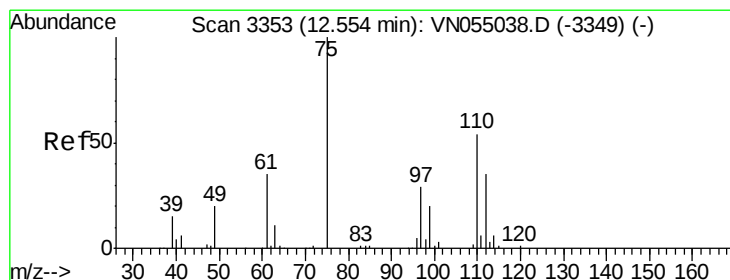
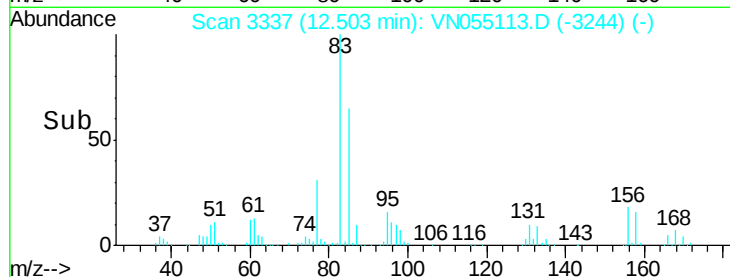
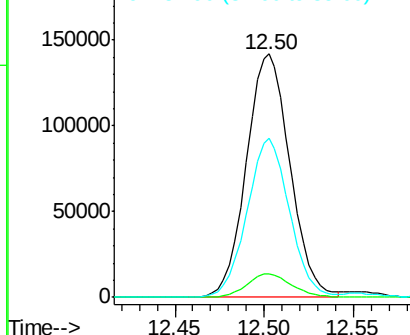
Tot Ion:	83	Resp:	242297
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.0	15.0
85	63.6	32.3	96.9

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 52.505 ug/l m

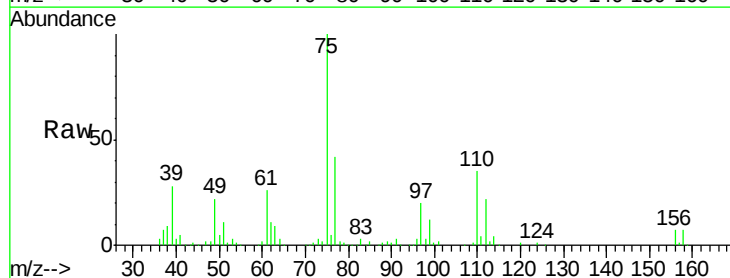
RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

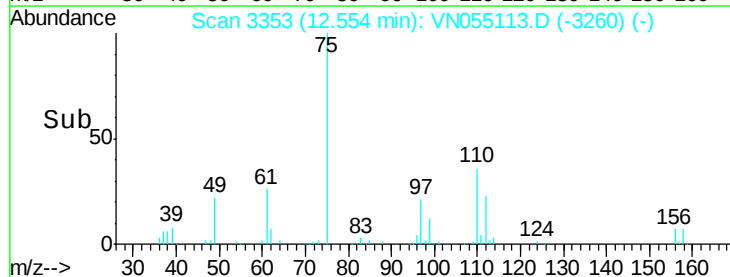
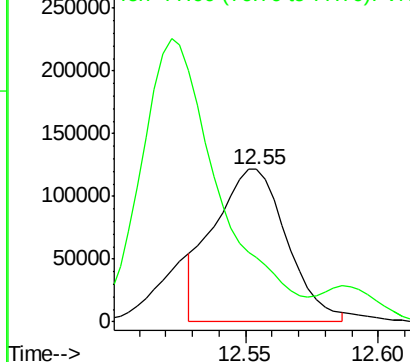
Lab File: VN055113.D

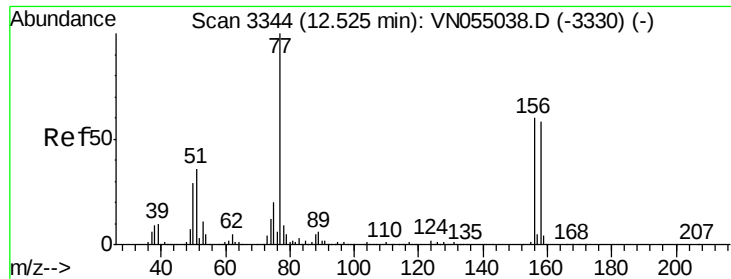
Acq: 18 Apr 2019 9:16

Tgt Ion:	75	Resp:	232788
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



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





#77

Bromobenzene

Concen: 44.304 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

Instrument :

MSVOA_N

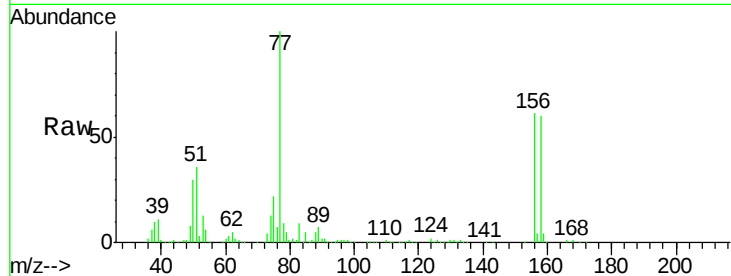
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		241655		
77	192.6	97.2	291.5		
158	97.5	48.6	145.9		

Manual Integrations
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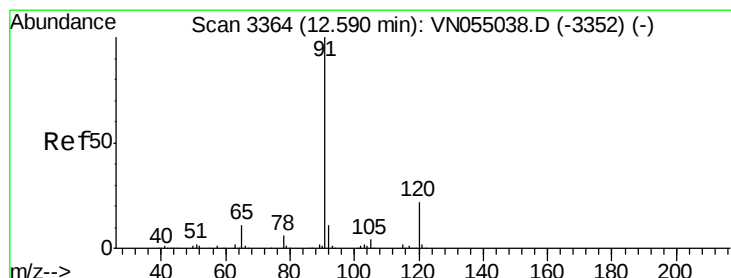
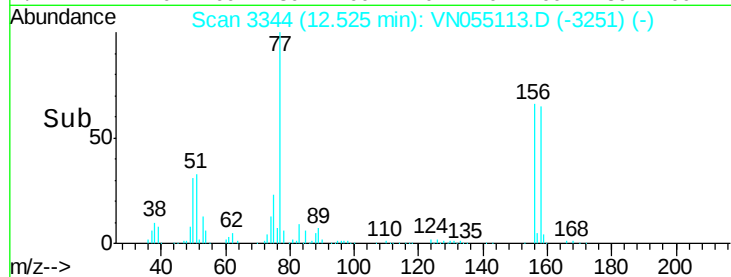
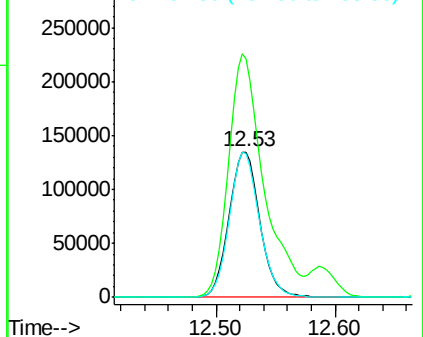
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.176 ug/l

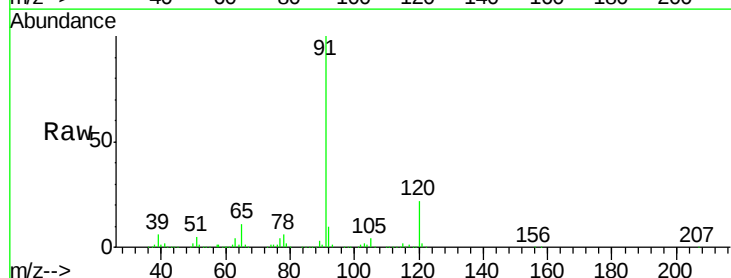
RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055113.D

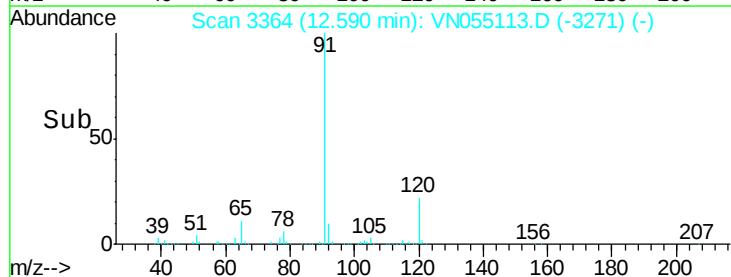
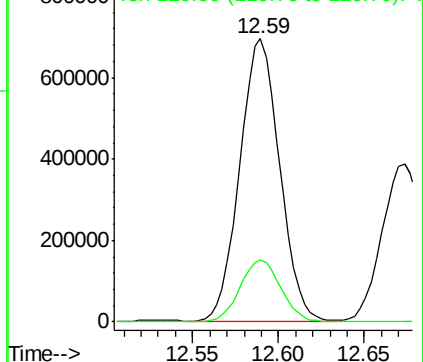
Acq: 18 Apr 2019 9:16

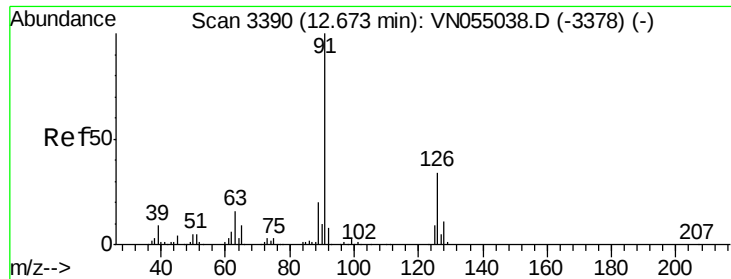
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		1115161		
120	22.4	11.2	33.5		



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.519 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 671126

Ion Ratio Lower Upper

91 100

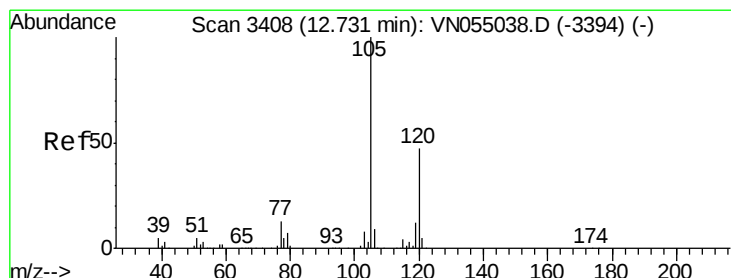
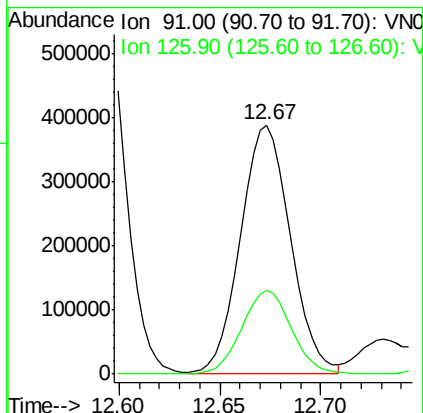
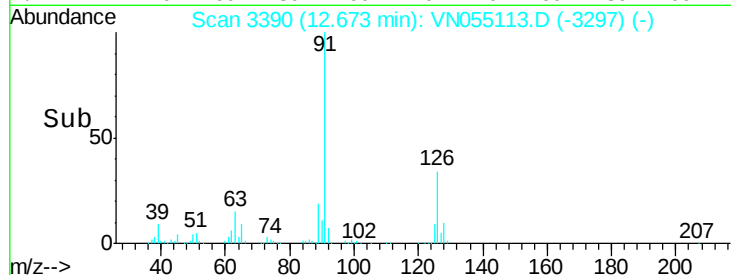
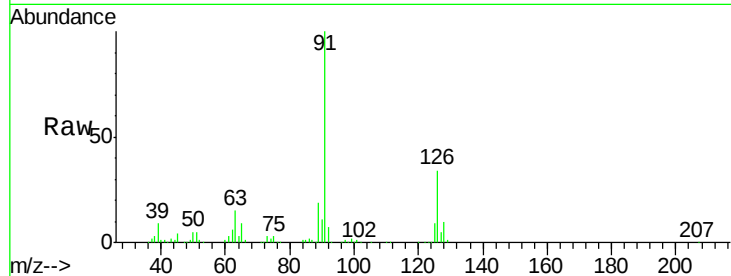
126 33.7 17.1 51.2

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 46.235 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055113.D

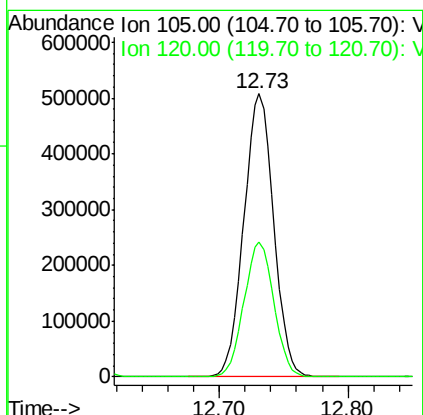
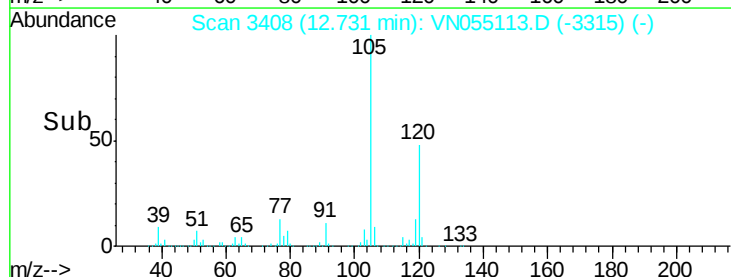
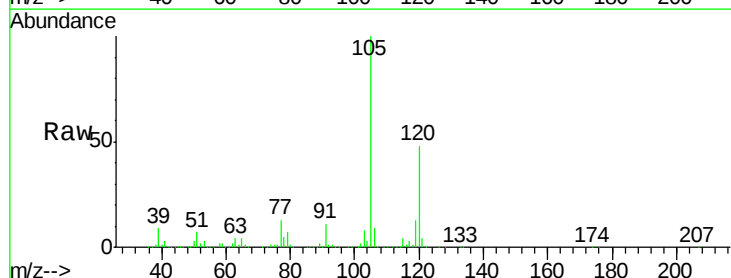
Acq: 18 Apr 2019 9:16

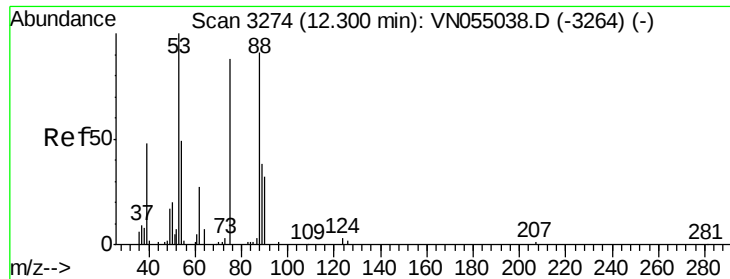
Tgt Ion: 105 Resp: 816325

Ion Ratio Lower Upper

105 100

120 48.0 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 50.779 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

Instrument :

MSVOA_N

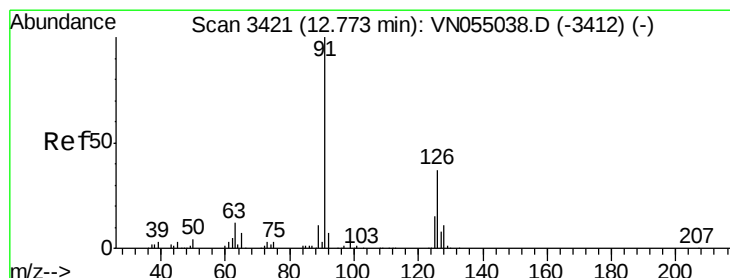
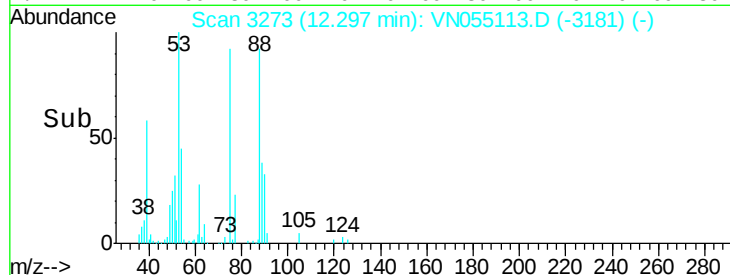
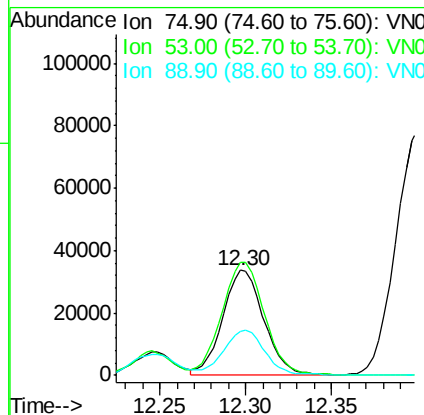
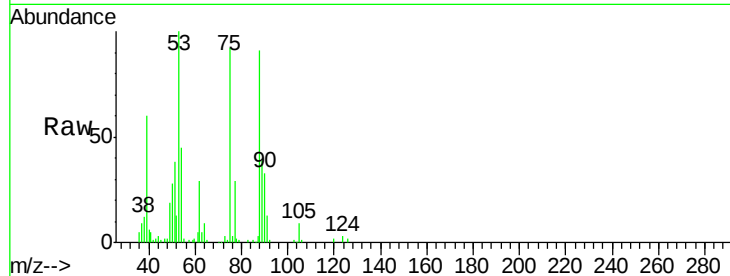
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	56300
Ion	Ratio	Lower	Upper
75	100		
53	110.5	96.3	144.5
89	43.1	38.6	57.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 48.059 ug/l

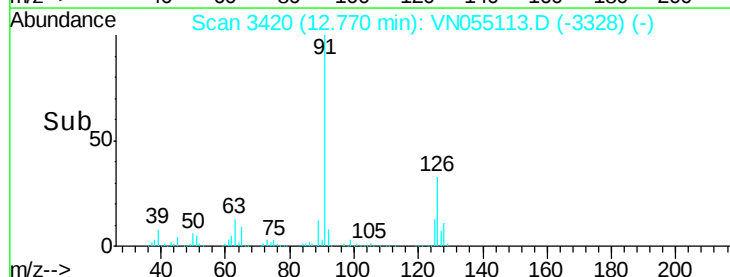
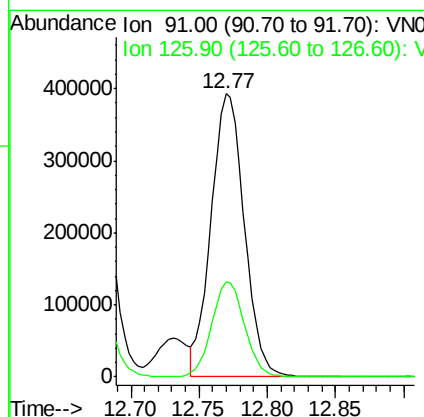
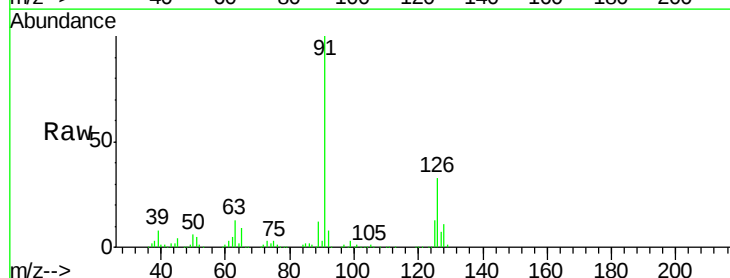
RT: 12.77 min Scan# 3420

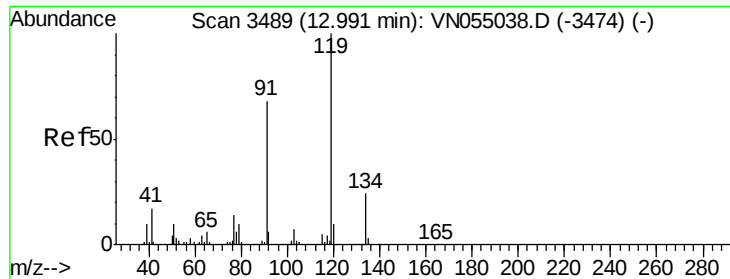
Delta R.T. -0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

Tgt Ion:	91	Resp:	661090
Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.4	49.2





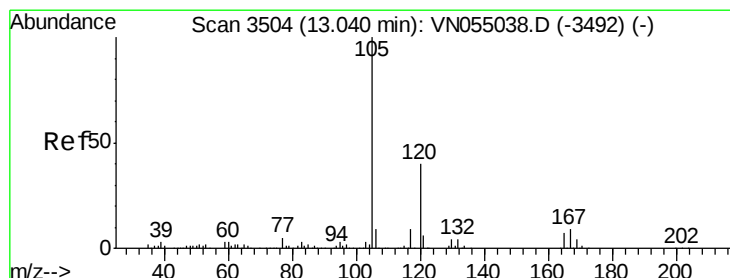
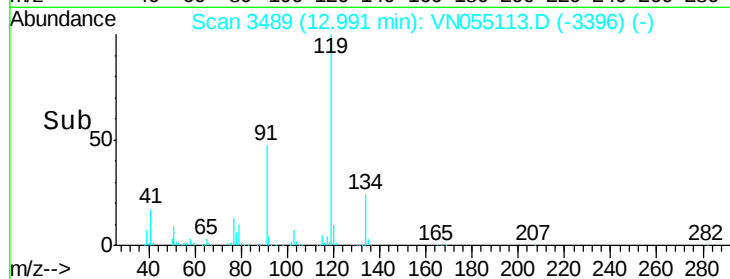
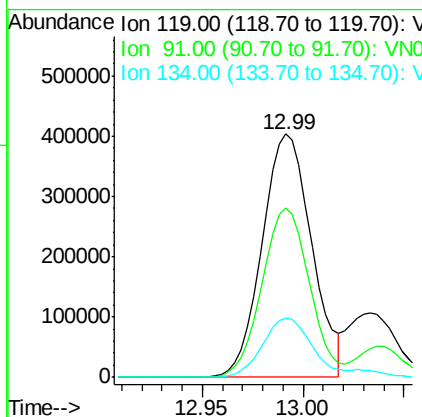
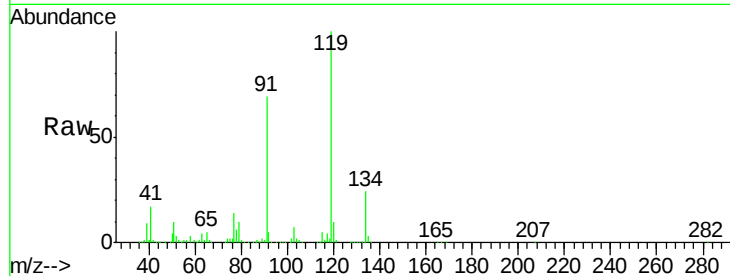
#83
 tert-Butylbenzene
 Concen: 46.201 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN055113.D
 Acq: 18 Apr 2019 9:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.1	33.3	99.8
134	26.4	12.3	36.9

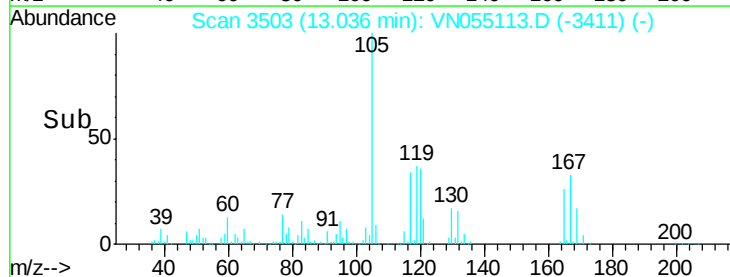
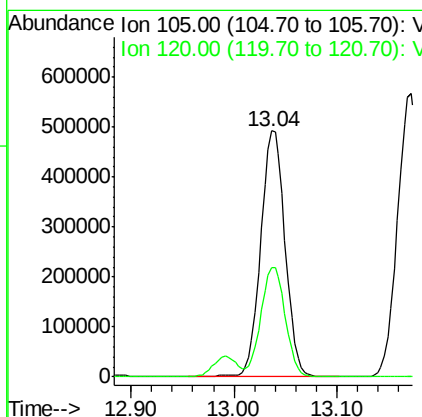
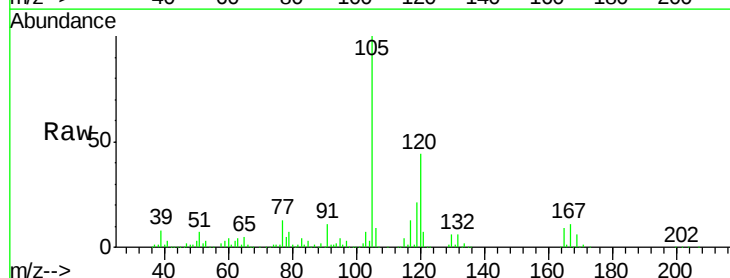
Manual Integrations
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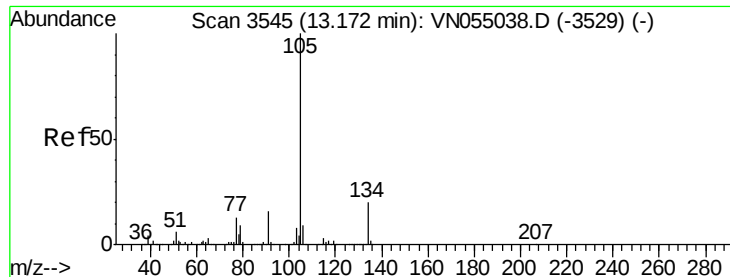
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.076 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN055113.D
 Acq: 18 Apr 2019 9:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.4	67.3





#85

sec-Butylbenzene

Concen: 47.430 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 901164

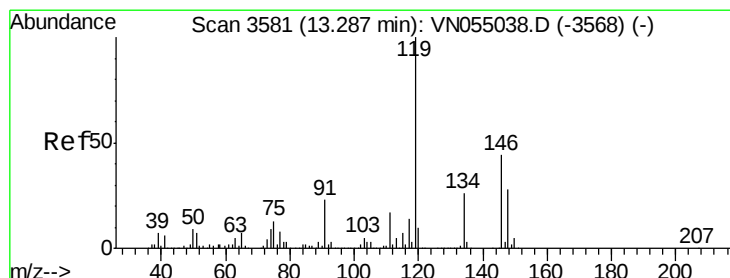
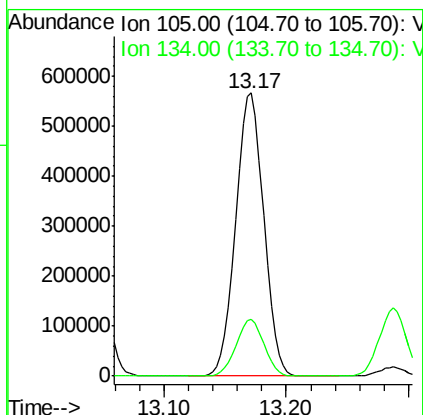
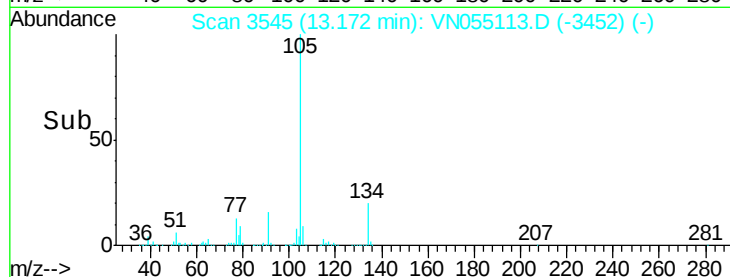
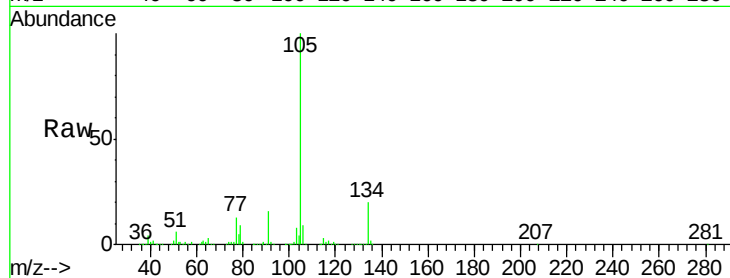
Ion Ratio Lower Upper

105 100

134 20.0 9.8 29.3

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 49.619 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

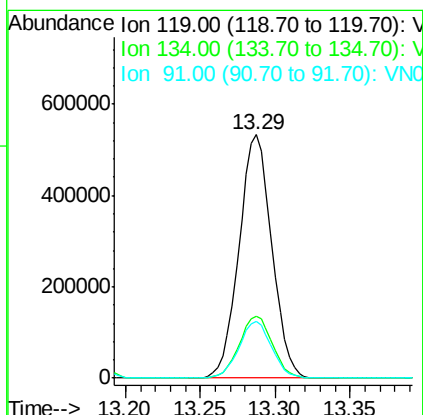
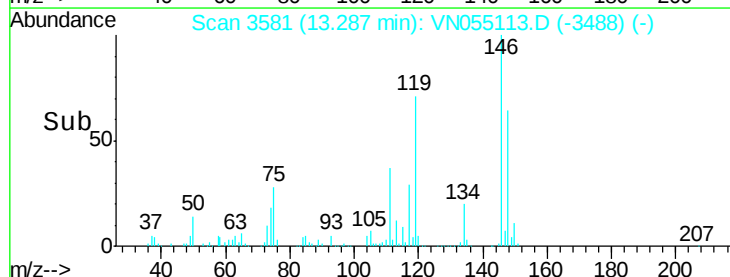
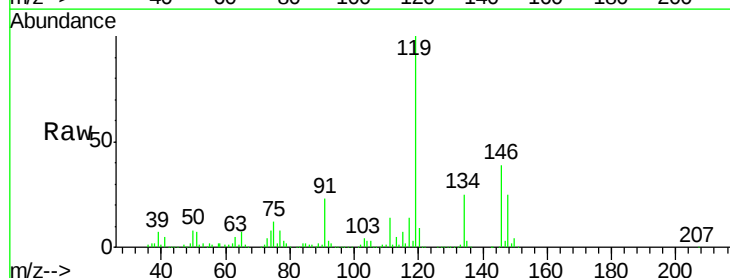
Tgt Ion:119 Resp: 808823

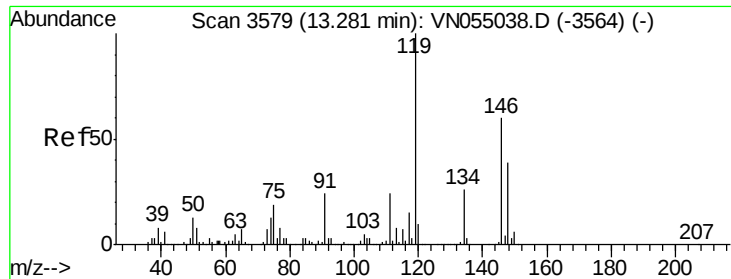
Ion Ratio Lower Upper

119 100

134 25.7 13.2 39.5

91 23.2 11.7 35.1





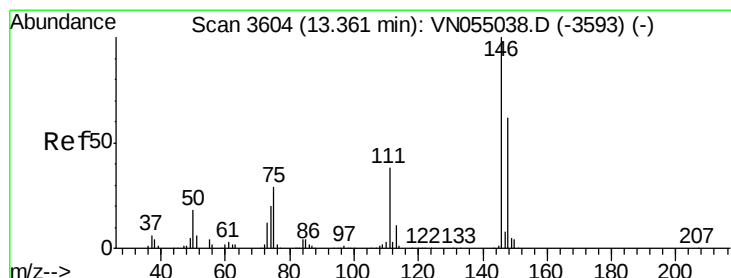
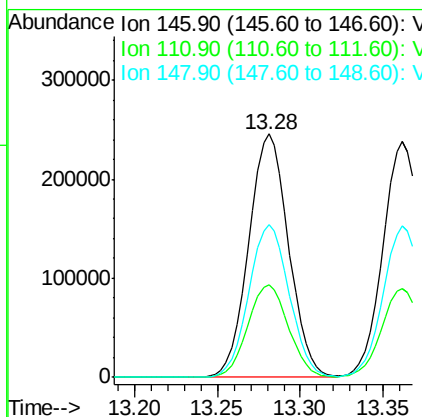
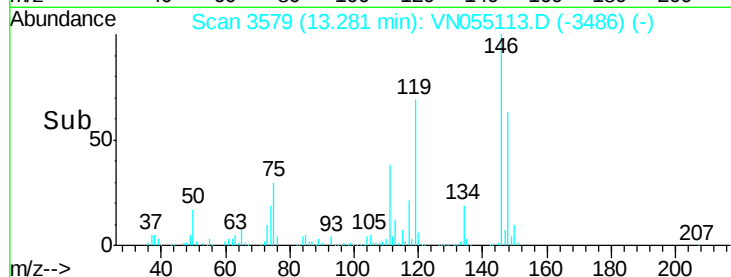
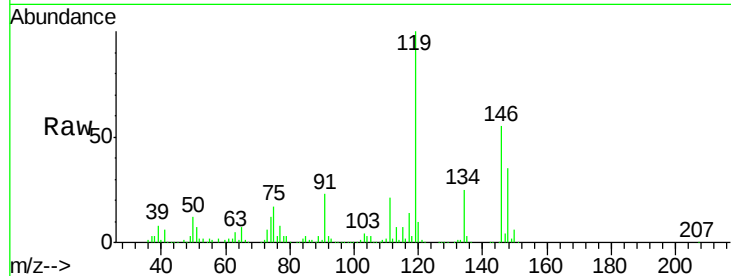
#87
 1,3-Dichlorobenzene
 Concen: 49.478 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055113.D
 Acq: 18 Apr 2019 9:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.5	58.5
148	63.7	31.6	94.7

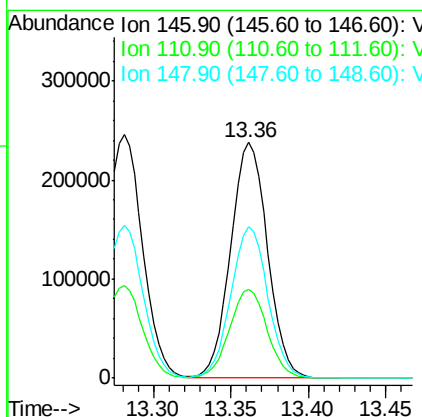
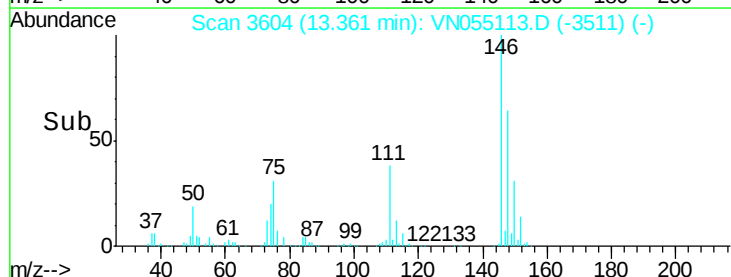
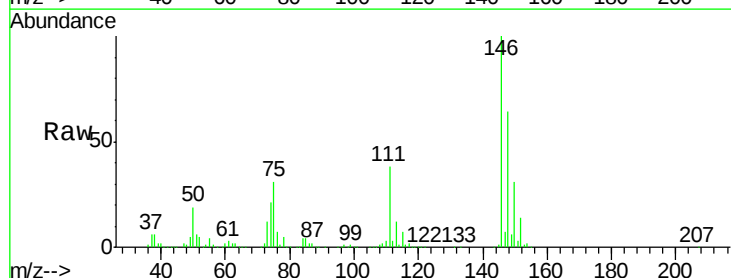
Manual Integrations
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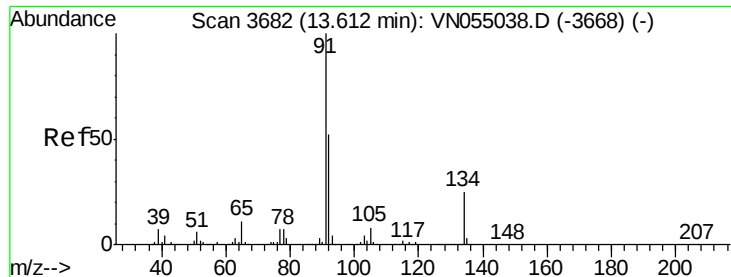
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 49.818 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055113.D
 Acq: 18 Apr 2019 9:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.8	56.4
148	64.3	32.4	97.2





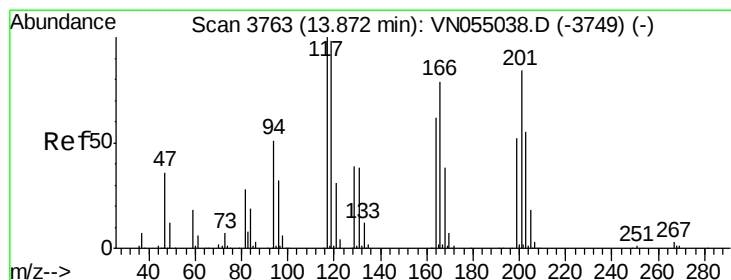
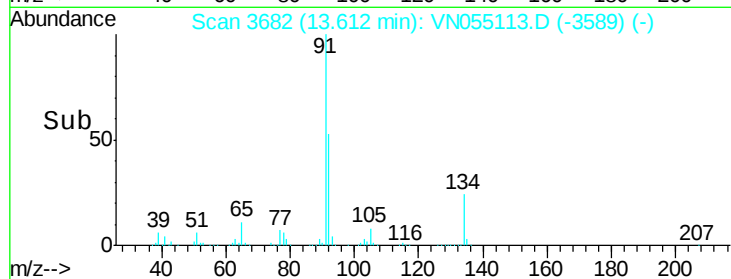
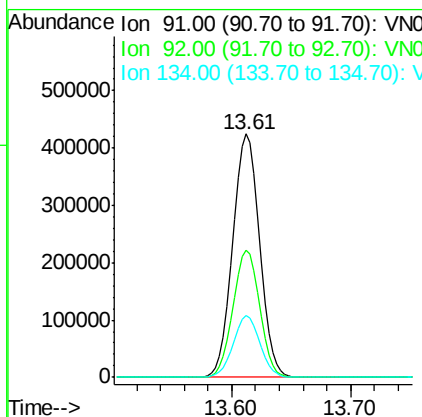
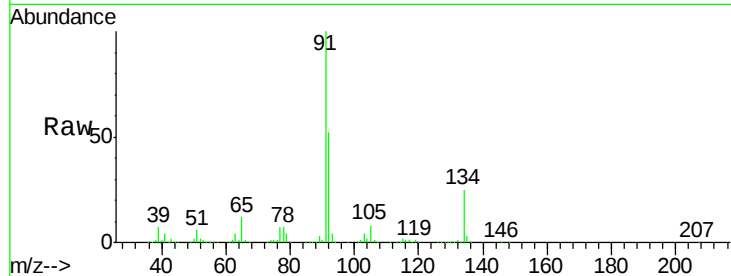
#89
n-Butylbenzene
Concen: 54.874 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.9	25.9	77.7
134	25.3	12.8	38.3

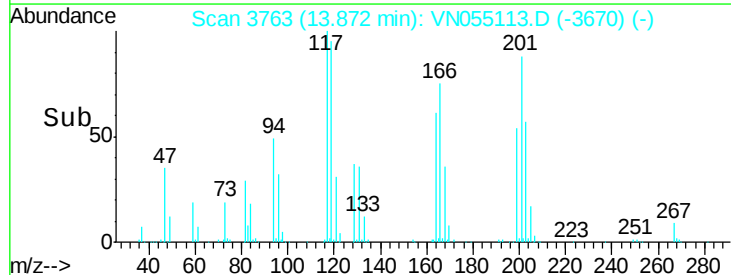
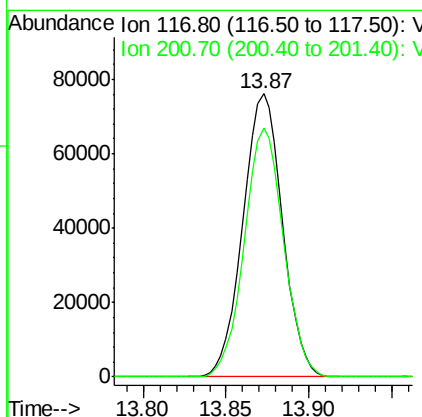
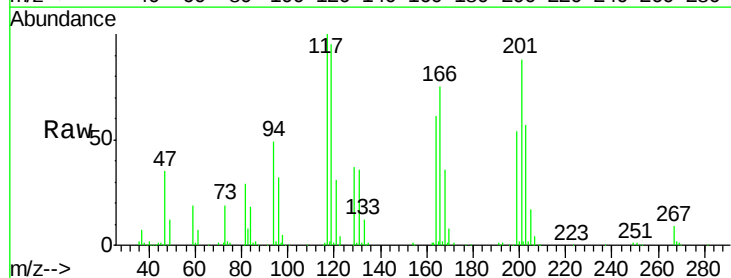
Manual Integrations
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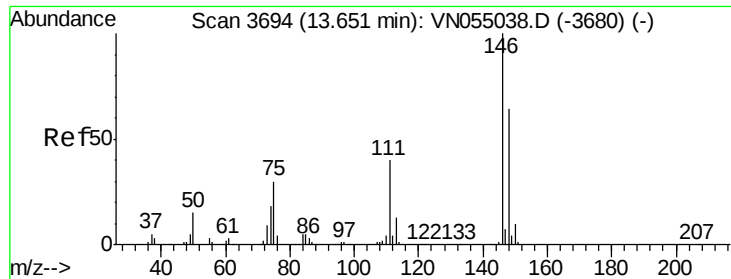
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#90
Hexachloroethane
Concen: 47.533 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN055113.D
Acq: 18 Apr 2019 9:16

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.2	43.4	130.2





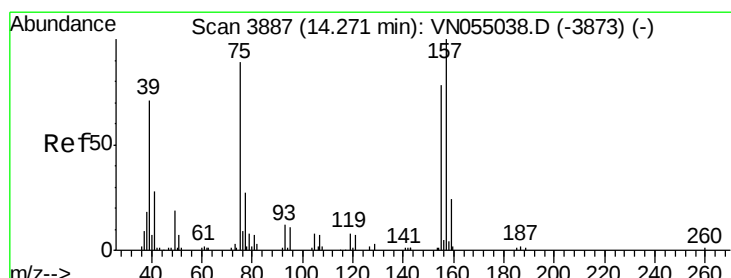
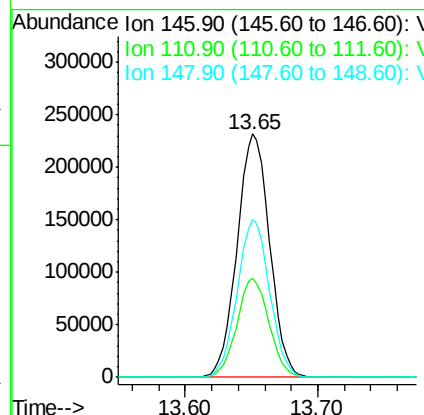
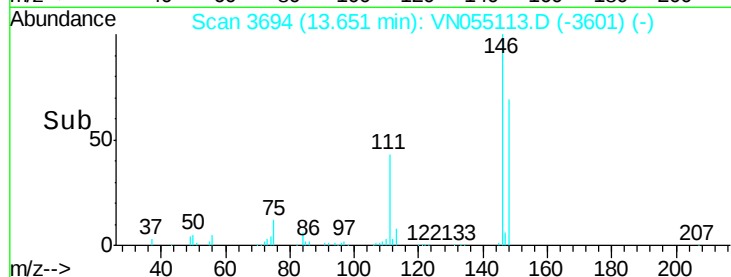
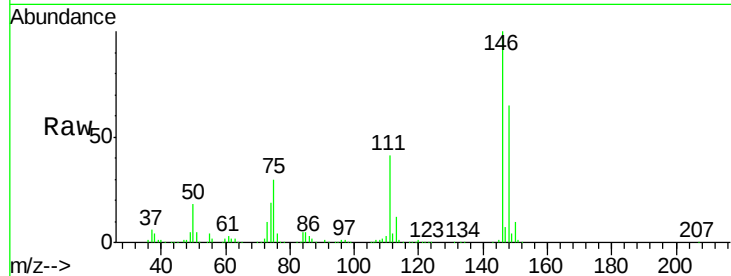
#91
 1,2-Dichlorobenzene
 Concen: 47.235 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN055113.D
 Acq: 18 Apr 2019 9:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.3	60.9
148	64.7	32.2	96.6

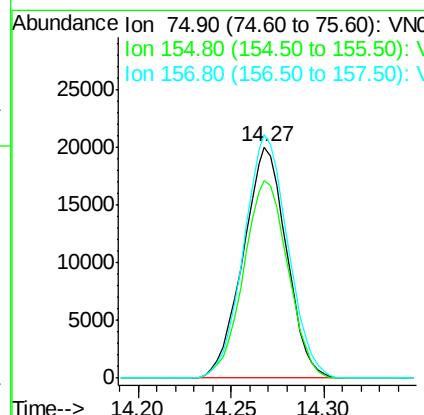
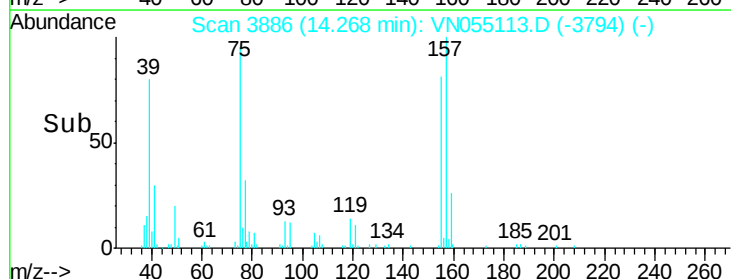
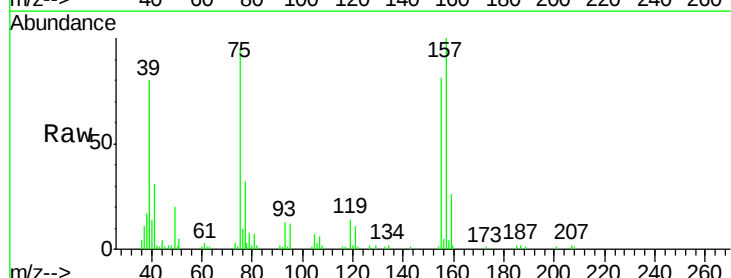
Manual Integrations
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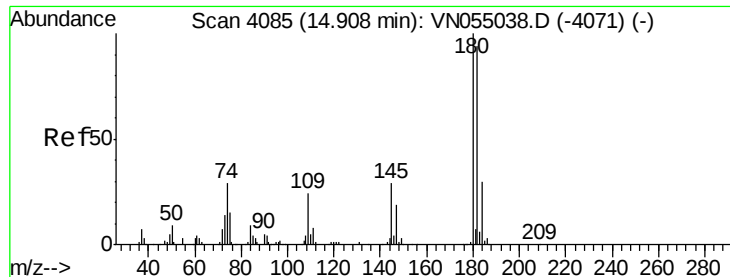
MMDadoda
 4/19/2019 5:46:45 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.054 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN055113.D
 Acq: 18 Apr 2019 9:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.4	42.0	126.0
157	107.0	52.1	156.4





#93

1,2,4-Trichlorobenzene

Concen: 48.261 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

Instrument :

MSVOA_N

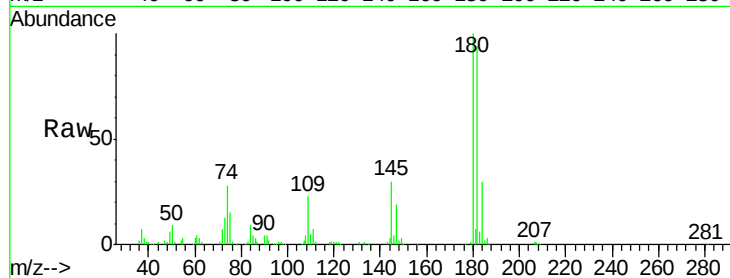
ClientSampleId :

VSTDCCC050

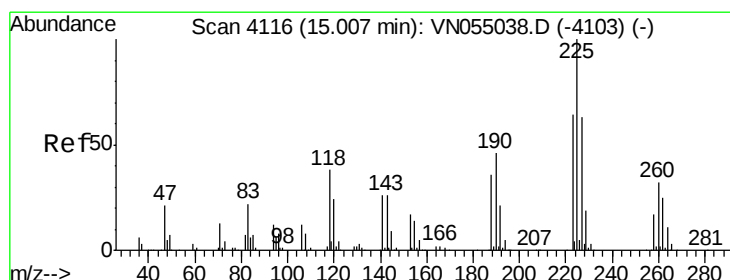
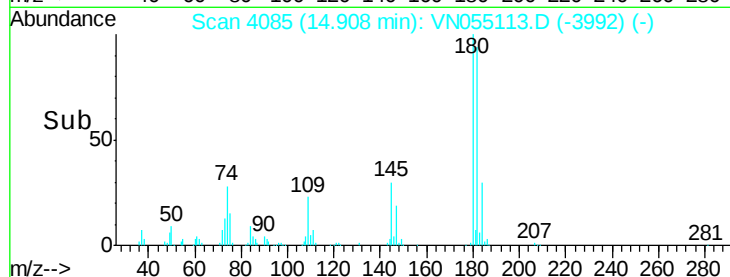
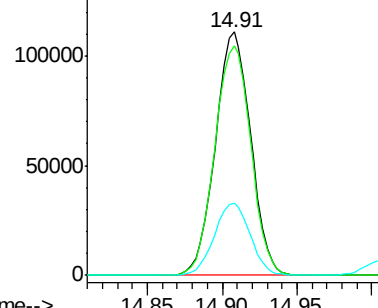
Tot Ion:	180	Resp:	182115
Ion Ratio	Lower	Upper	
180	100		
182	96.5	47.5	142.6
145	29.9	14.2	42.8

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



#94

Hexachlorobutadiene

Concen: 51.437 ug/l

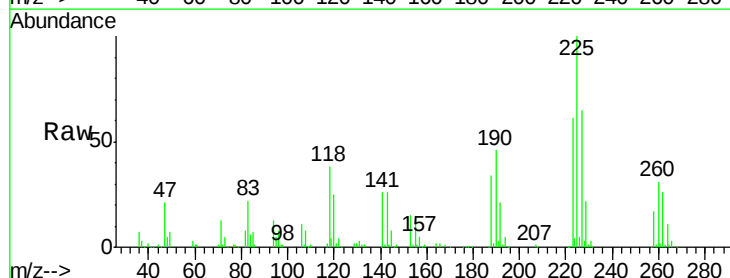
RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

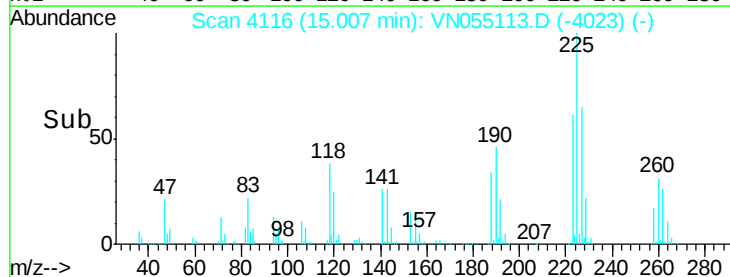
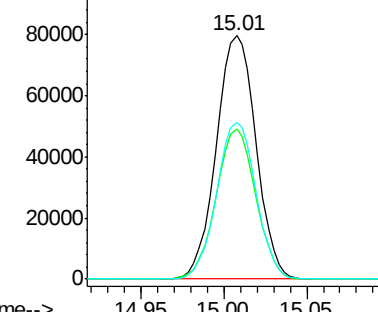
Lab File: VN055113.D

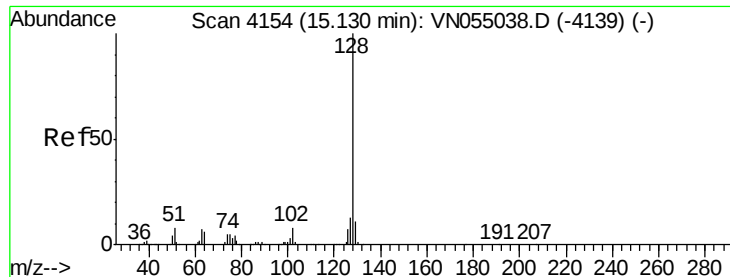
Acq: 18 Apr 2019 9:16

Tgt Ion:	225	Resp:	132523
Ion Ratio	Lower	Upper	
225	100		
223	61.6	31.4	94.0
227	63.7	32.6	97.7



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





#95

Naphthalene

Concen: 42.508 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

Instrument :

MSVOA_N

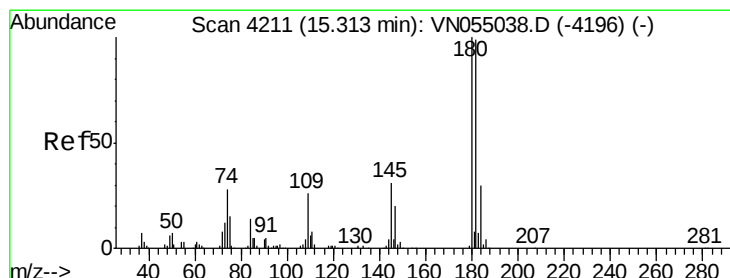
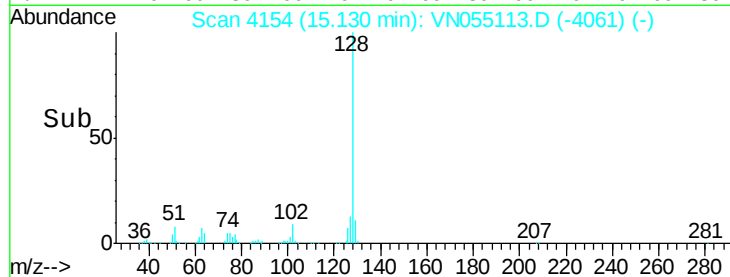
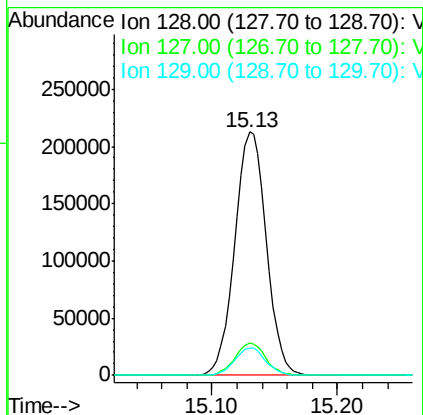
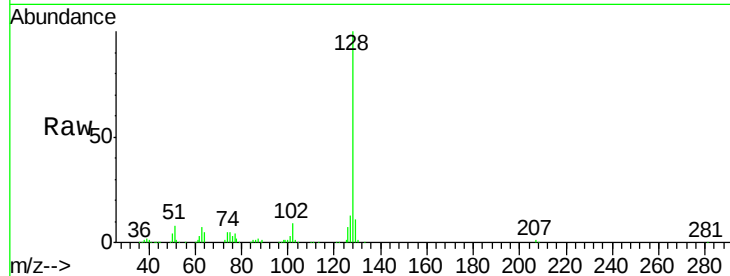
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	371676
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.1	15.1
129	11.0	8.8	13.2

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 56.830 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055113.D

Acq: 18 Apr 2019 9:16

Tgt Ion:	180	Resp:	182877
Ion Ratio	Lower	Upper	
180	100		
182	95.7	48.0	144.0
145	31.4	15.3	45.9

