

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032419\
 Data File : VN054650.D
 Acq On : 24 Mar 2019 16:07
 Operator : JC/SP
 Sample : K2047-11
 Misc : 6.27g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 25 06:15:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	552548	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	869459	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	742055	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	302938	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	340044	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
35) Dibromofluoromethane	7.59	113	263161	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	
50) Toluene-d8	10.09	98	1058178	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	
62) 4-Bromofluorobenzene	12.40	95	340582	47.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.06%	

Target Compounds

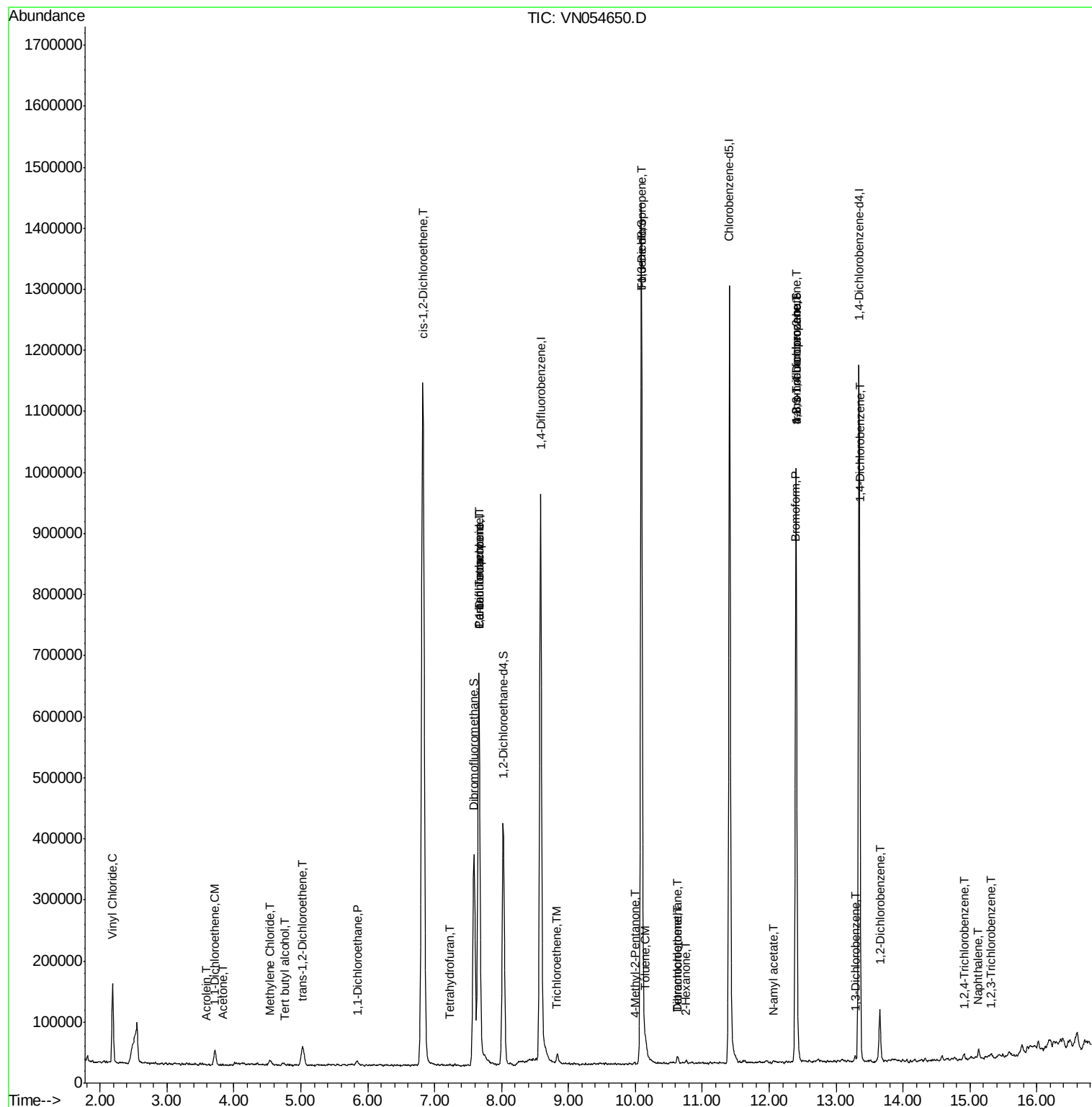
						Qvalue
4) Vinyl Chloride	2.19	62	121070	16.779	ug/l	99
11) Tert butyl alcohol	4.77	59	165	0.397	ug/l #	70
12) 1,1-Dichloroethene	3.72	96	11886	2.230	ug/l	85
13) Acrolein	3.59	56	285	0.496	ug/l #	82
16) Acetone	3.83	43	771	0.373	ug/l #	38
20) Methylene Chloride	4.54	84	2018	0.331	ug/l #	93
21) trans-1,2-Dichloroethene	5.03	96	19021	3.495	ug/l #	83
24) 1,1-Dichloroethane	5.83	63	9764	0.916	ug/l #	92
27) cis-1,2-Dichloroethene	6.82	96	712729	109.800	ug/l	97
29) Tetrahydrofuran	7.23	42	524	0.305	ug/l #	43
31) Cyclohexane	7.66	56	11401	Below Cal	#	9
36) 1,1-Dichloropropene	7.66	75	41298	5.080	ug/l #	47
38) Carbon Tetrachloride	7.66	117	51466	6.515	ug/l #	16
44) Trichloroethene	8.83	130	5526	0.855	ug/l	68
51) 4-Methyl-2-Pentanone	9.99	43	2260	0.418	ug/l #	62
52) Toluene	10.16	92	3035	0.212	ug/l	87
53) t-1,3-Dichloropropene	10.09	75	200	2.255	ug/l #	1
59) 2-Hexanone	10.76	43	2671	0.756	ug/l	98
60) Dibromochloromethane	10.63	129	2431	0.445	ug/l #	11
64) Tetrachloroethene	10.63	164	2695	0.438	ug/l	91
71) Bromoform	12.38	173	257	2.286	ug/l #	1
74) N-amyl acetate	12.07	43	2074	0.295	ug/l #	79
76) 1,2,3-Trichloropropane	12.40	75	175814	36.573	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	175814	121.255	ug/l #	11
87) 1,3-Dichlorobenzene	13.28	146	3332	0.332	ug/l	84
88) 1,4-Dichlorobenzene	13.36	146	10481	1.074	ug/l	80
91) 1,2-Dichlorobenzene	13.65	146	37326	3.841	ug/l	96
93) 1,2,4-Trichlorobenzene	14.91	180	2131	0.440	ug/l	94
94) Hexachlorobutadiene	15.00	225	665	Below Cal		68
95) Naphthalene	15.13	128	8577	0.794	ug/l	97
96) 1,2,3-Trichlorobenzene	15.31	180	2326	0.482	ug/l	92

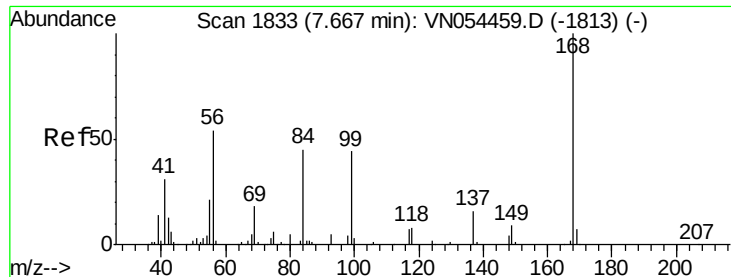
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.01 min

Lab File: VN054650.D

Acq: 24 Mar 2019 16:07

Instrument :

MSVOA_N

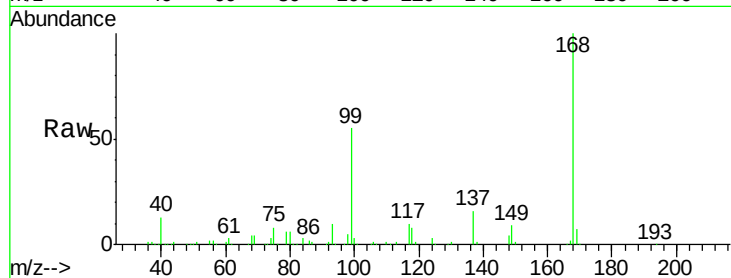
ClientSampled :

Tot Ion:168 Resp: 552548

Ion Ratio Lower Upper

168 100

99 54.8 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

250000

200000

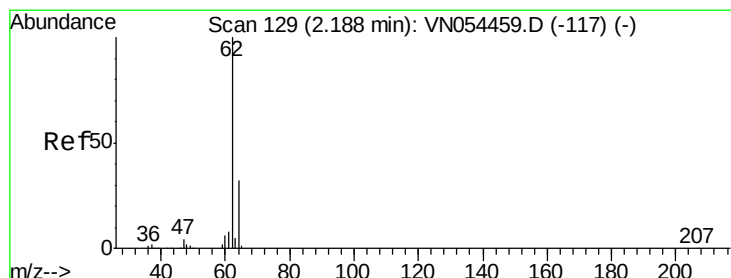
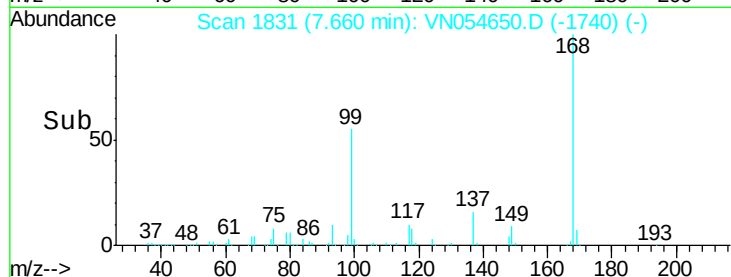
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 16.779 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN054650.D

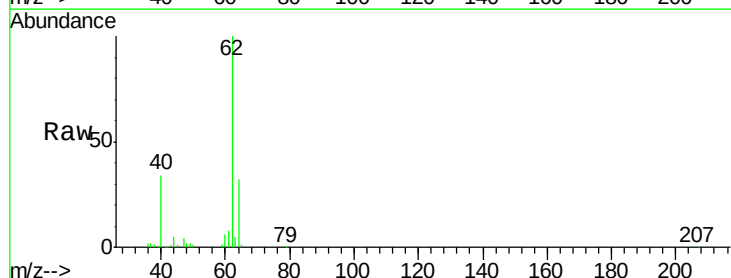
Acq: 24 Mar 2019 16:07

Tgt Ion: 62 Resp: 121070

Ion Ratio Lower Upper

62 100

64 31.6 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.19

80000

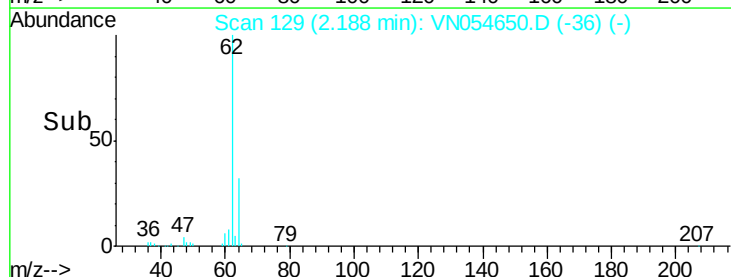
60000

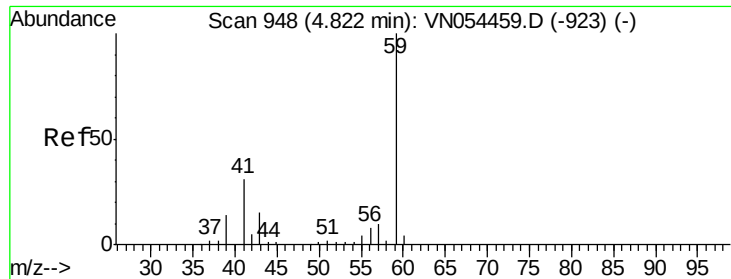
40000

20000

0

Time-->



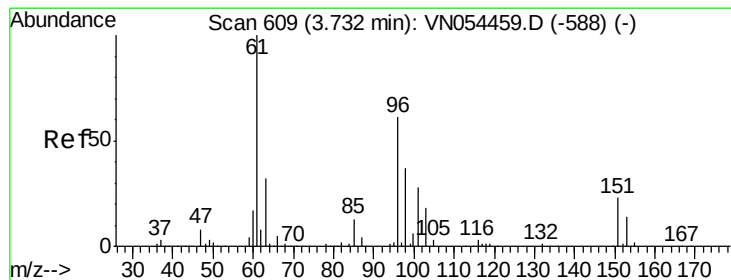
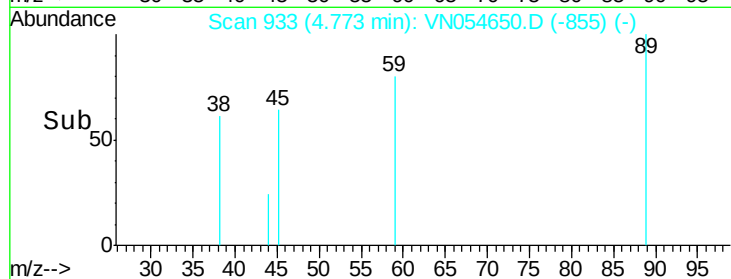
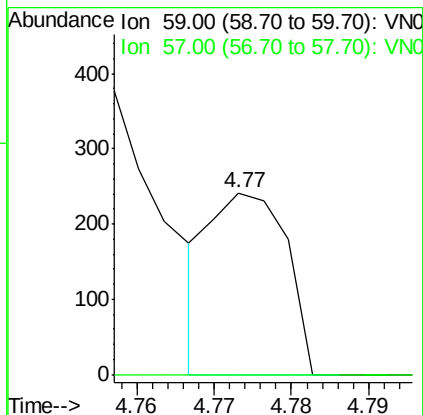
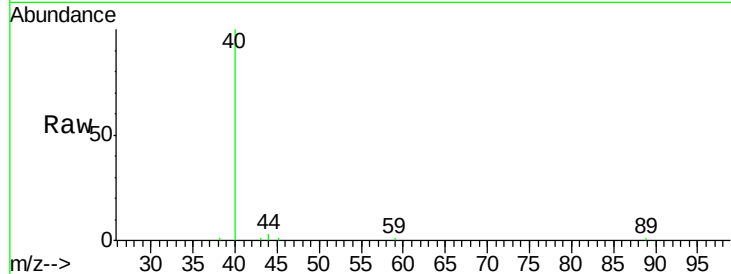


#11

Tert butyl alcohol
 Concen: 0.397 ug/l
 RT: 4.77 min Scan# 933
 Delta R.T. -0.05 min
 Lab File: VN054650.D
 Acq: 24 Mar 2019 16:07

Instrument :
 MSVOA_N
 ClientSampled :

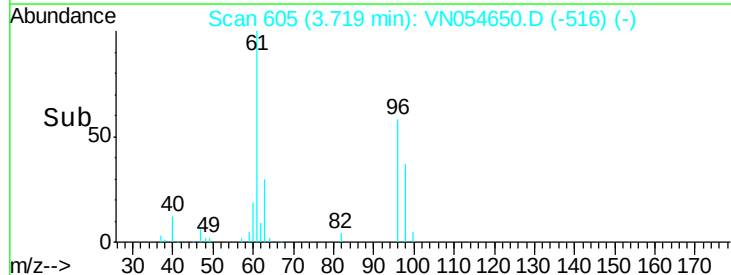
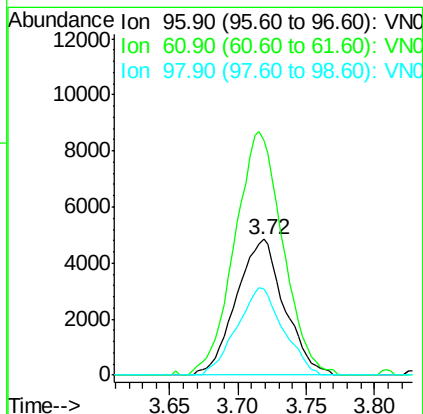
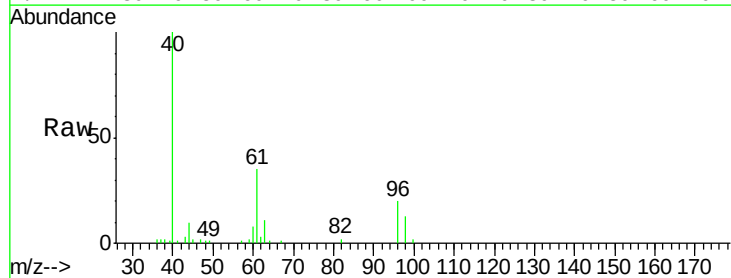
Tot Ion: 59 Resp: 165
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.6#

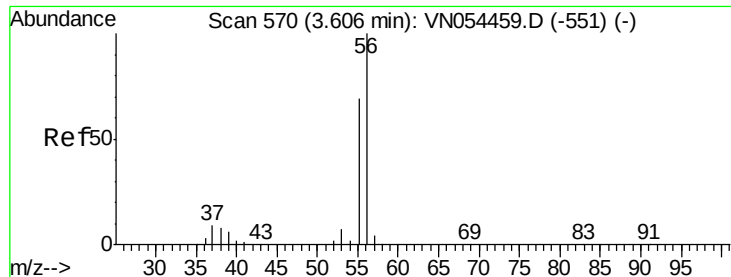


#12

1,1-Dichloroethene
 Concen: 2.230 ug/l
 RT: 3.72 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: VN054650.D
 Acq: 24 Mar 2019 16:07

Tgt Ion: 96 Resp: 11886
 Ion Ratio Lower Upper
 96 100
 61 173.1 116.5 174.7
 98 63.5 51.0 76.4





#13

Acrolein

Concen: 0.496 ug/l

RT: 3.59 min Scan# 565

Delta R.T. -0.02 min

Lab File: VN054650.D

Acq: 24 Mar 2019 16:07

Instrument :

MSVOA_N

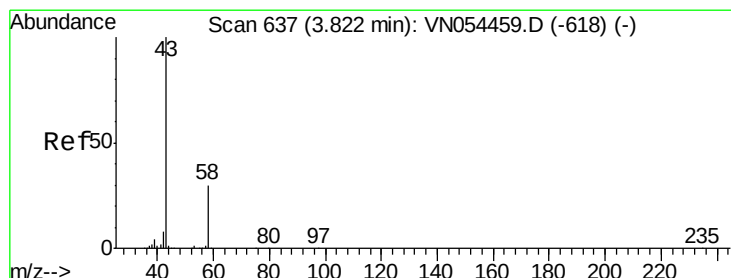
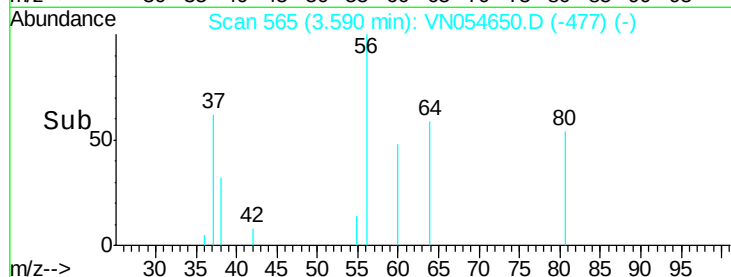
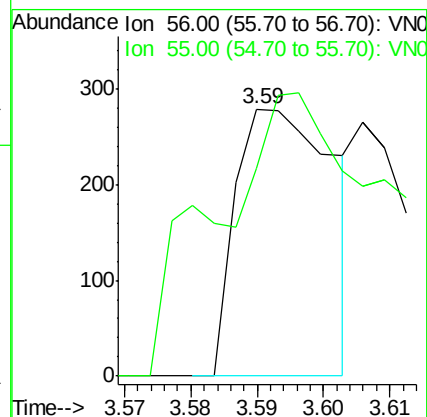
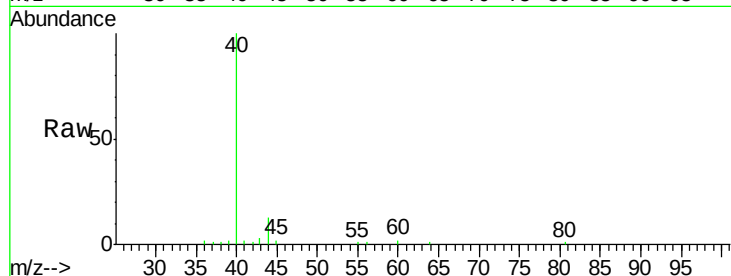
ClientSampleId :

Tot Ion: 56 Resp: 285

Ion Ratio Lower Upper

56 100

55 55.8 56.7 85.1#



#16

Acetone

Concen: 0.373 ug/l

RT: 3.83 min Scan# 640

Delta R.T. 0.01 min

Lab File: VN054650.D

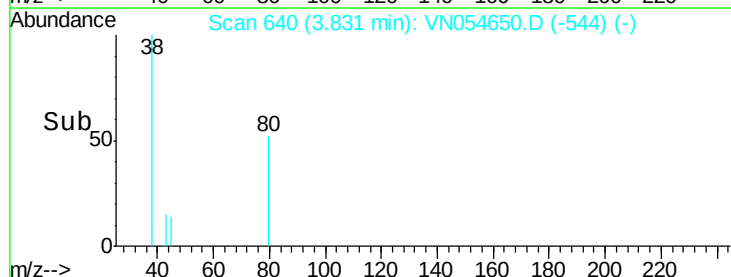
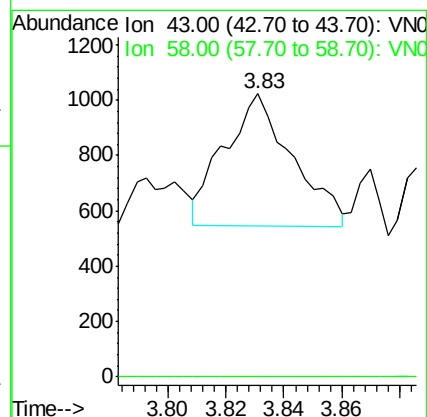
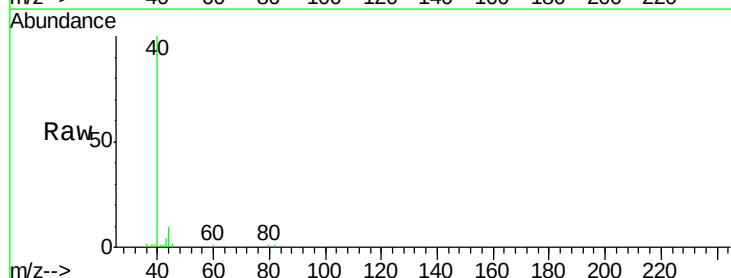
Acq: 24 Mar 2019 16:07

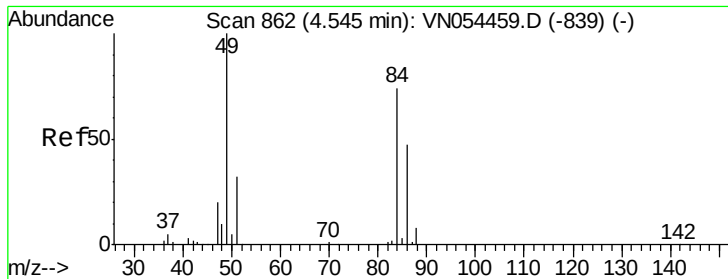
Tgt Ion: 43 Resp: 771

Ion Ratio Lower Upper

43 100

58 0.0 29.9 44.9#





#20

Methylene Chloride

Concen: 0.331 ug/l

RT: 4.54 min Scan# 859

Delta R.T. -0.01 min

Lab File: VN054650.D

Acq: 24 Mar 2019 16:07

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 84 Resp: 2018

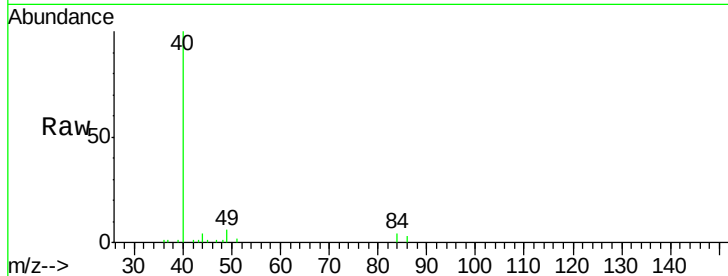
Ion	Ratio	Lower	Upper
84	100		
49	119.0	89.7	134.5
51	46.4	28.2	42.4
86	63.7	50.8	76.2

84 100

49 119.0 89.7 134.5

51 46.4 28.2 42.4

86 63.7 50.8 76.2



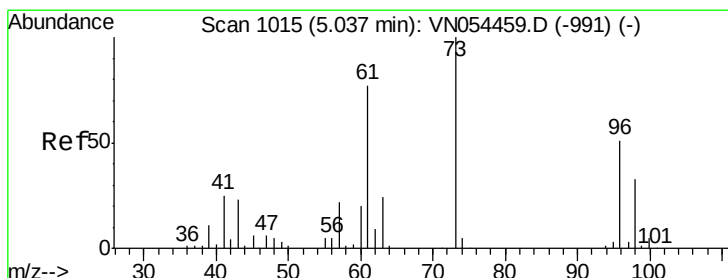
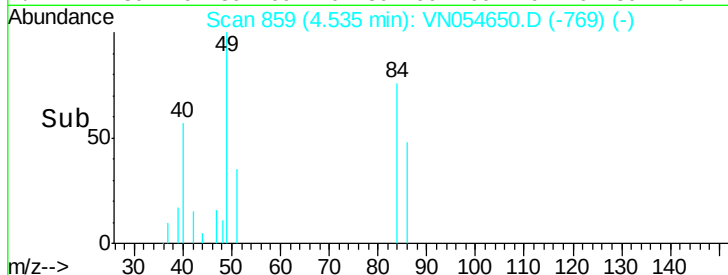
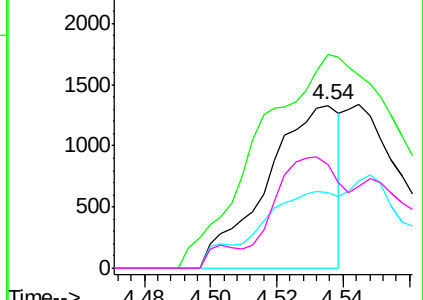
Abundance

Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#21

trans-1,2-Dichloroethene

Concen: 3.495 ug/l

RT: 5.03 min Scan# 1012

Delta R.T. -0.01 min

Lab File: VN054650.D

Acq: 24 Mar 2019 16:07

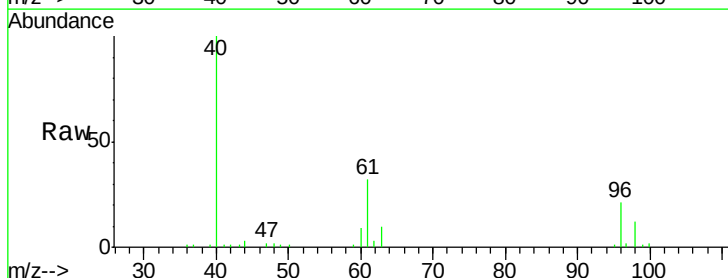
Tgt Ion: 96 Resp: 19021

Ion	Ratio	Lower	Upper
96	100		
61	154.5	102.8	154.2
98	57.3	50.0	75.0

96 100

61 154.5 102.8 154.2

98 57.3 50.0 75.0

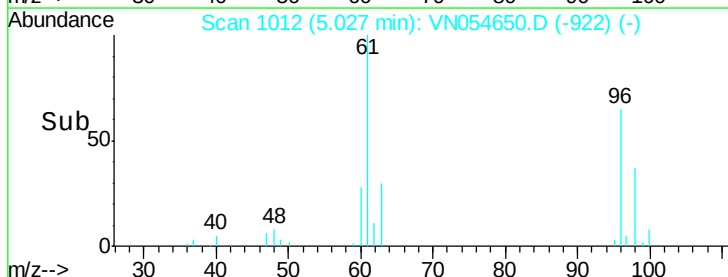
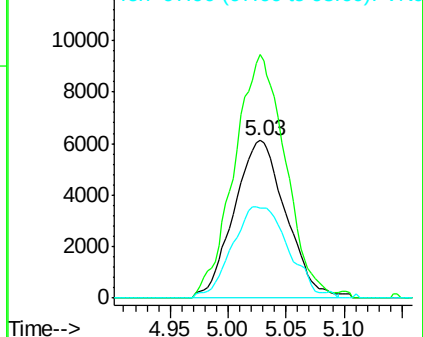


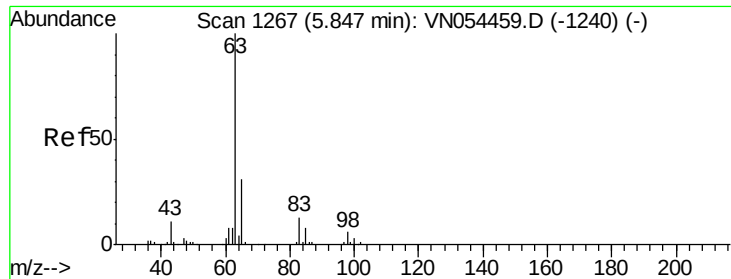
Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

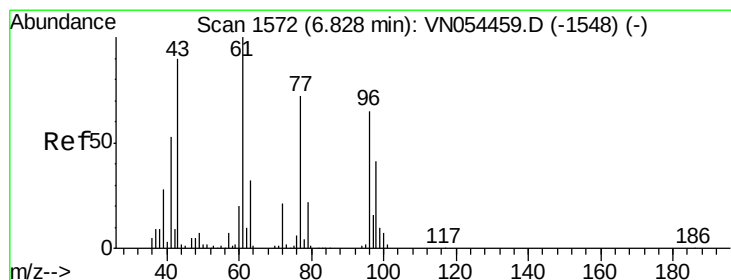
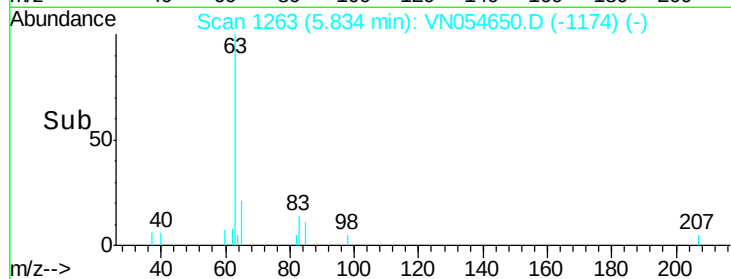
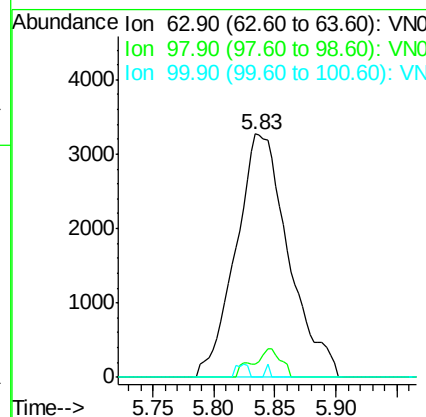
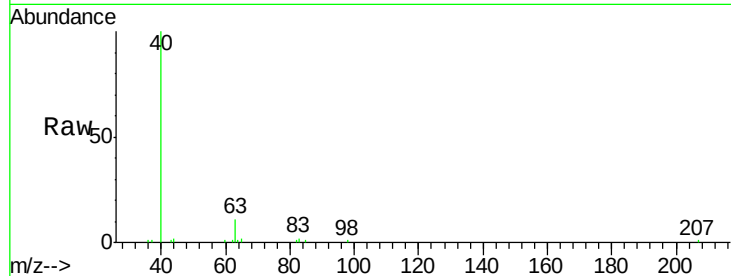




#24
 1,1-Dichloroethane
 Concen: 0.916 ug/l
 RT: 5.83 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: VN054650.D
 Acq: 24 Mar 2019 16:07

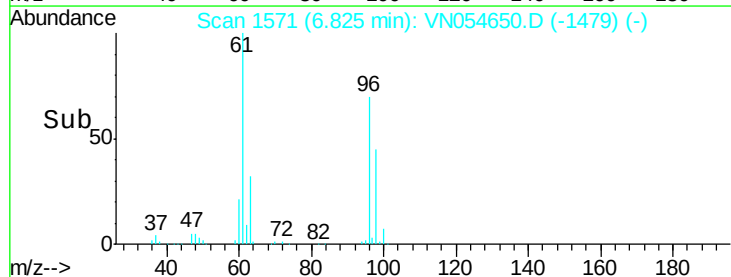
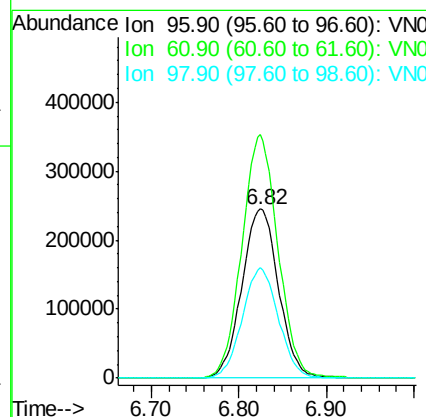
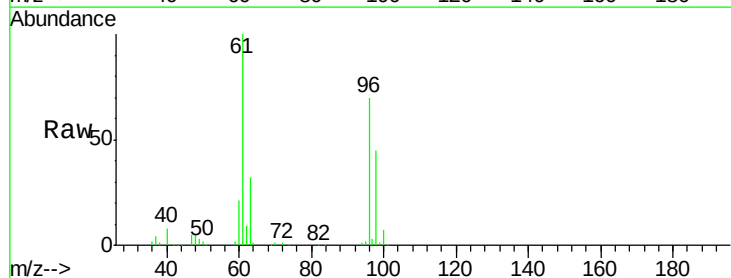
Instrument :
 MSVOA_N
 ClientSampleId :

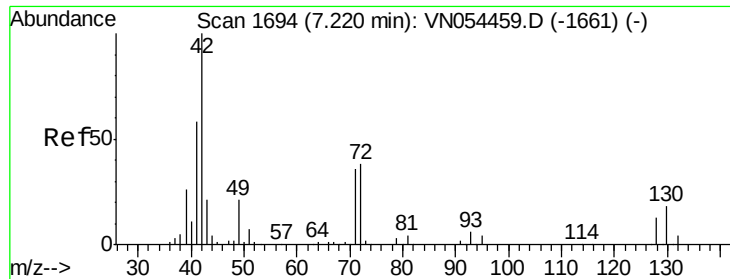
Tot Ion: 63 Resp: 9764
 Ion Ratio Lower Upper
 63 100
 98 5.3 3.5 10.5
 100 0.0 2.0 6.0#



#27
 cis-1,2-Dichloroethene
 Concen: 109.800 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: VN054650.D
 Acq: 24 Mar 2019 16:07

Tgt Ion: 96 Resp: 712729
 Ion Ratio Lower Upper
 96 100
 61 141.6 0.0 273.0
 98 64.1 0.0 130.6





#29

Tetrahydrofuran

Concen: 0.305 ug/l

RT: 7.23 min Scan# 1698

Delta R.T. 0.01 min

Lab File: VN054650.D

Acq: 24 Mar 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

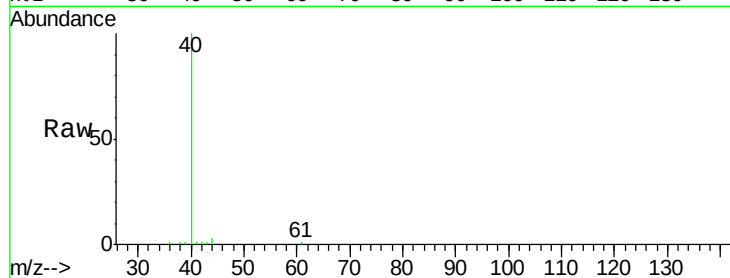
Tot Ion: 42 Resp: 524

Ion Ratio Lower Upper

42 100

72 0.0 37.8 56.6#

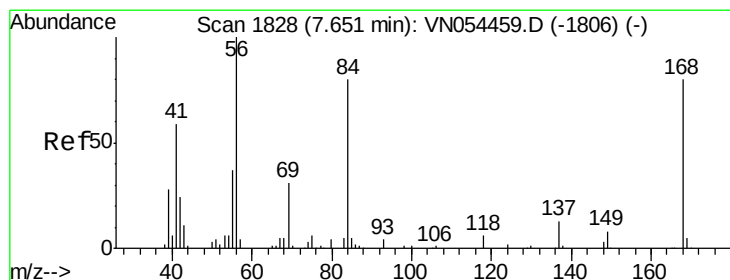
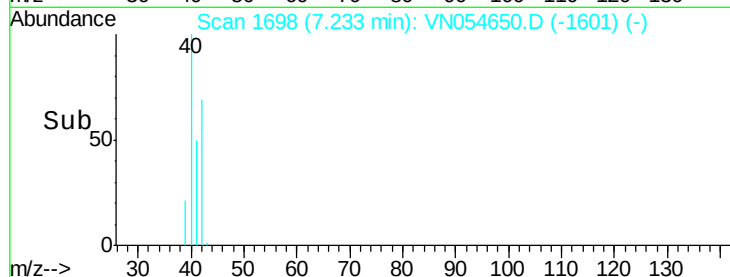
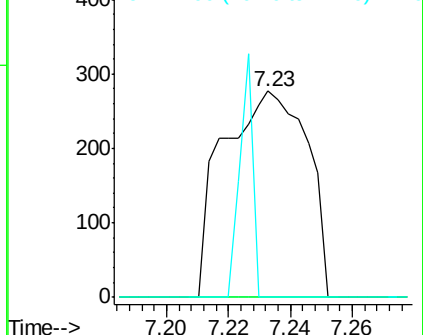
71 17.7 36.2 54.2#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: Below Cal

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN054650.D

Acq: 24 Mar 2019 16:07

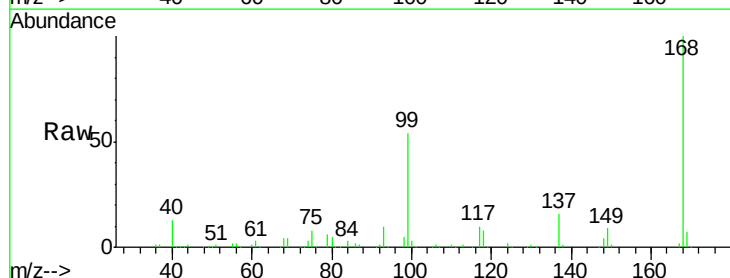
Tgt Ion: 56 Resp: 11401

Ion Ratio Lower Upper

56 100

69 177.4 27.8 41.6#

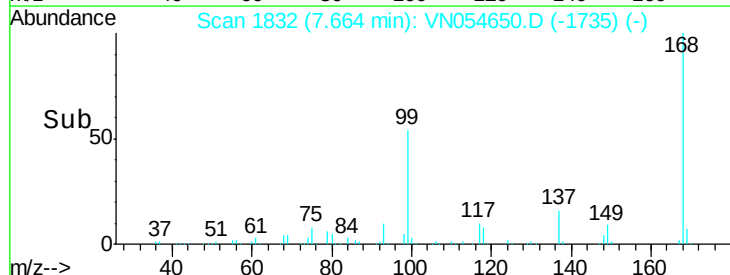
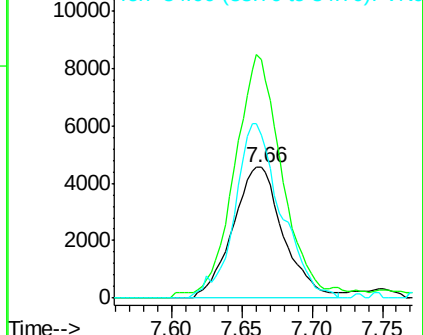
84 124.9 74.6 111.8#

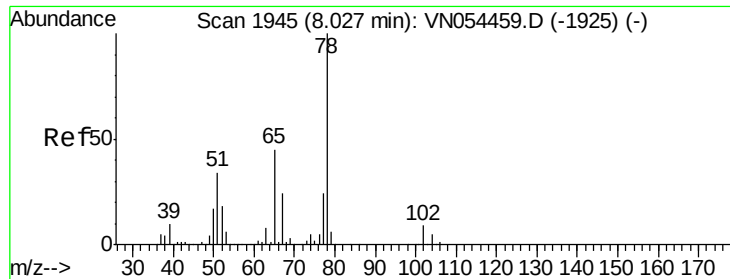


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

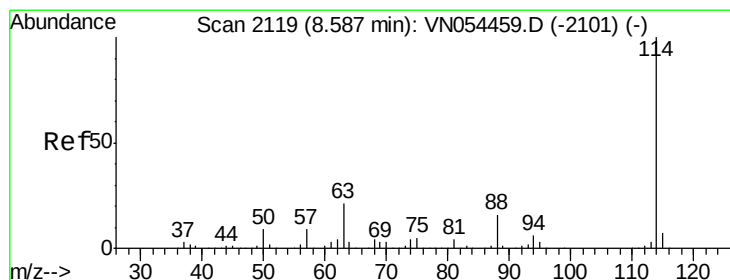
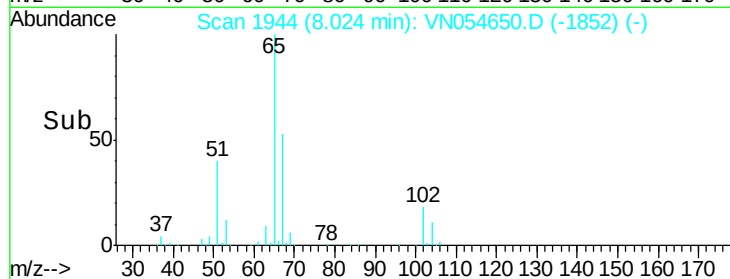
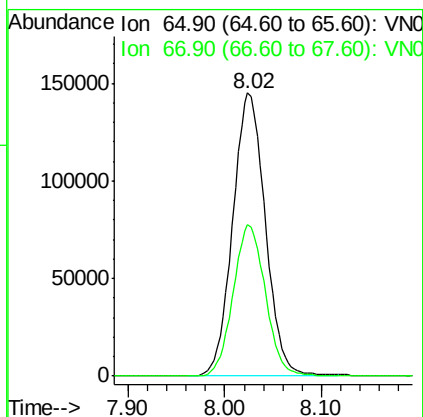
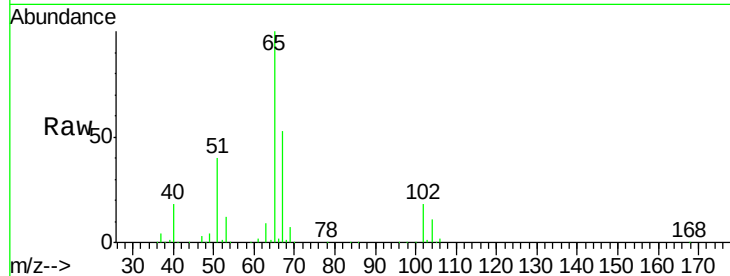




#33
 1,2-Dichloroethane-d4
 Concen: 49.477 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN054650.D
 Acq: 24 Mar 2019 16:07

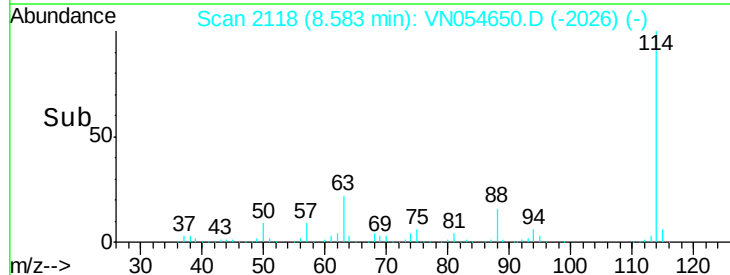
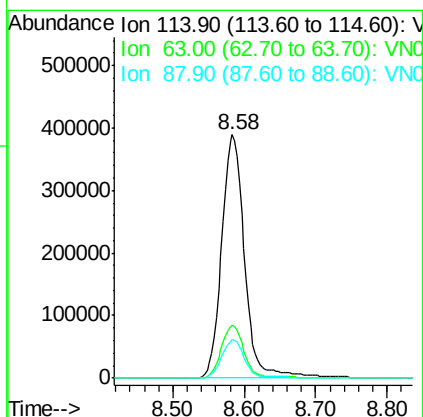
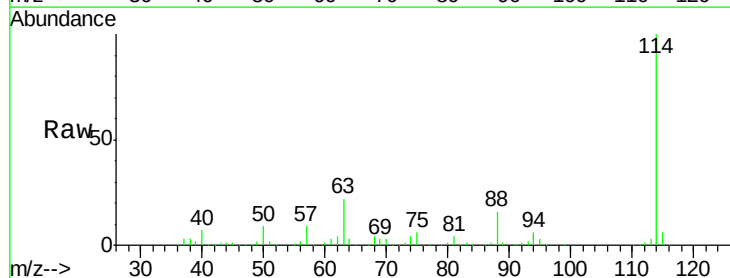
Instrument :
 MSVOA_N
 ClientSampleId :

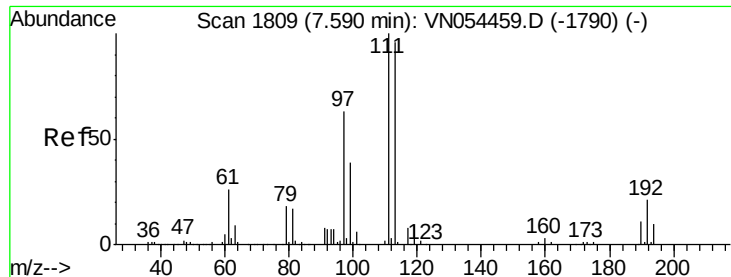
Tot Ion: 65 Resp: 340044
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN054650.D
 Acq: 24 Mar 2019 16:07

Tgt Ion: 114 Resp: 869459
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 35.2
 88 15.8 0.0 30.2

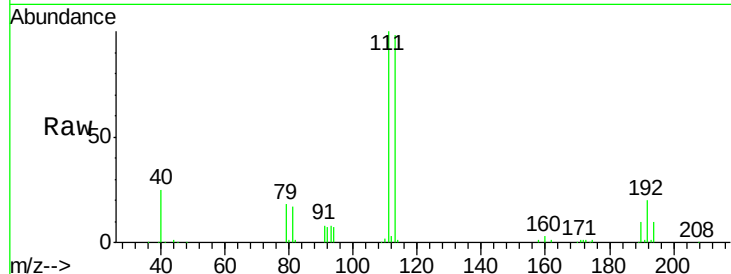




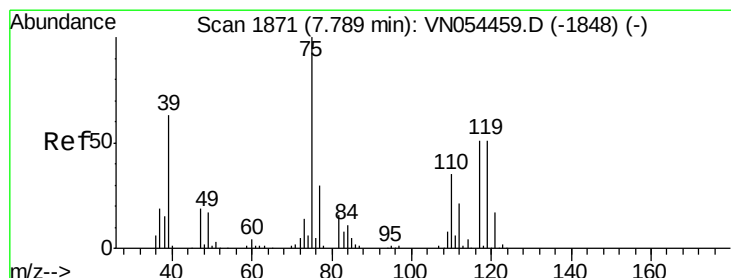
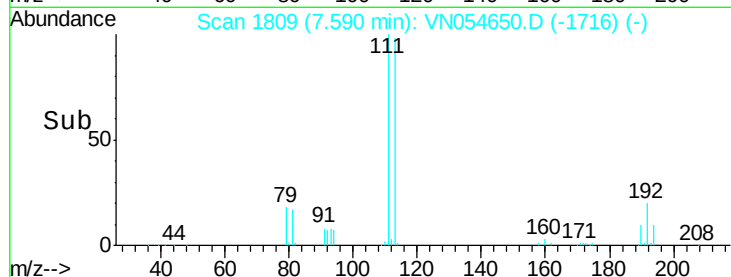
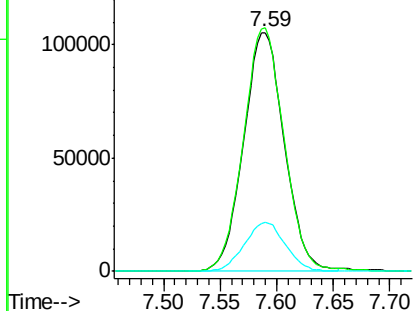
#35
 Dibromofluoromethane
 Concen: 46.981 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN054650.D
 Acq: 24 Mar 2019 16:07

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:113 Resp: 263161
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.2 123.4
 192 20.7 19.2 28.8

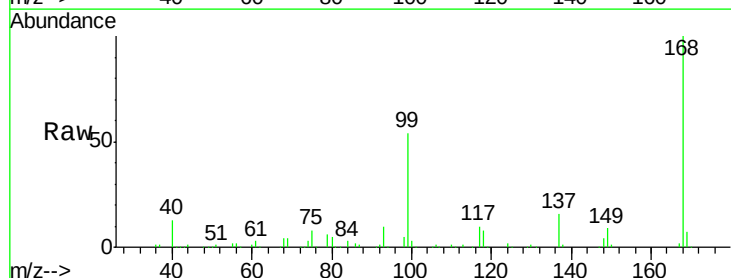


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

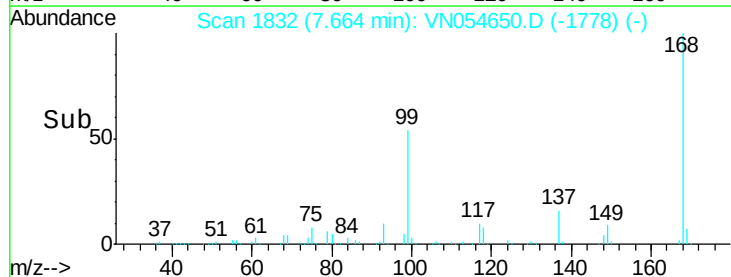
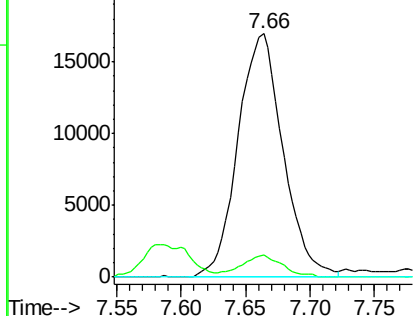


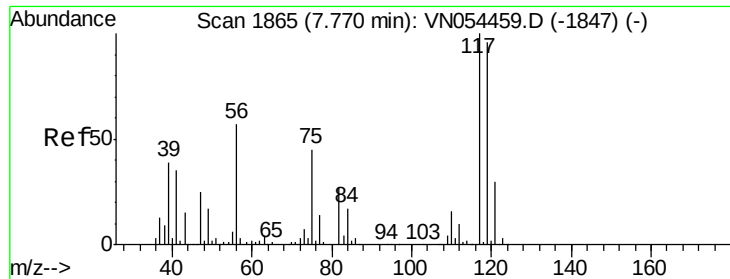
#36
 1,1-Dichloropropene
 Concen: 5.080 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN054650.D
 Acq: 24 Mar 2019 16:07

Tgt Ion: 75 Resp: 41298
 Ion Ratio Lower Upper
 75 100
 110 8.2 19.1 57.5#
 77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

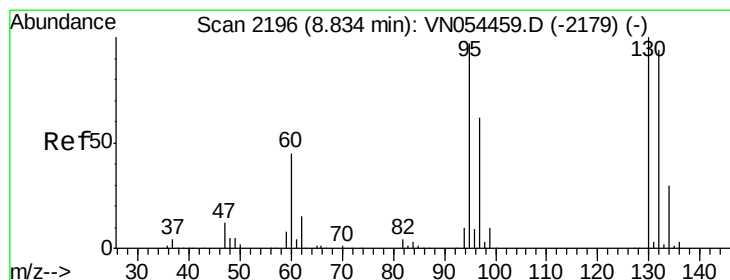
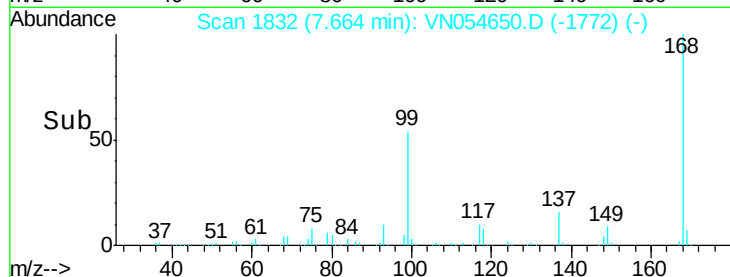
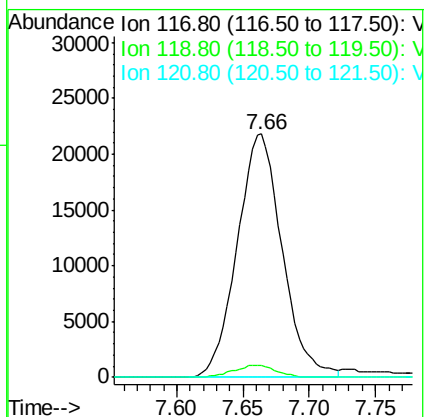
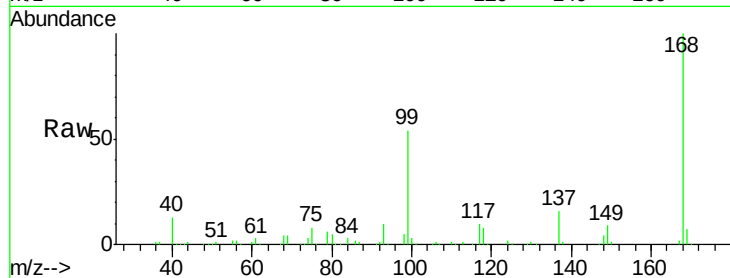




#38
Carbon Tetrachloride
Concen: 6.515 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN054650.D
Acq: 24 Mar 2019 16:07

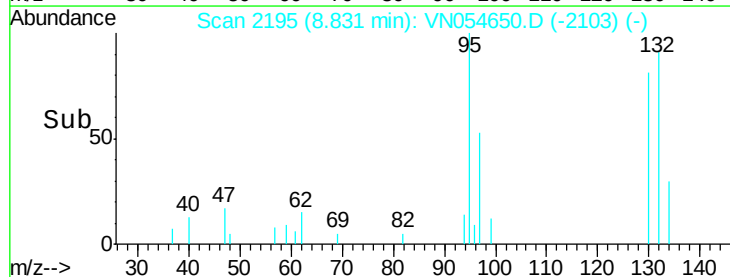
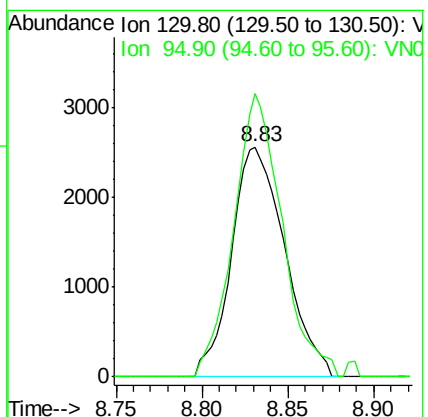
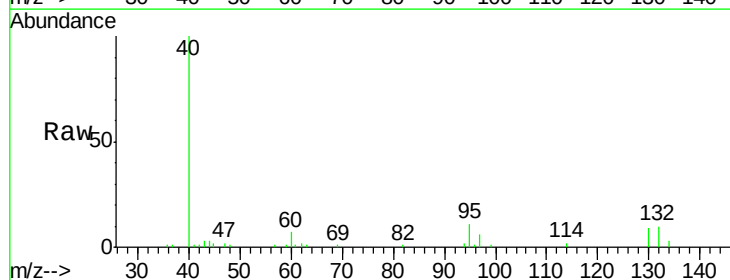
Instrument :
MSVOA_N
ClientSampled :

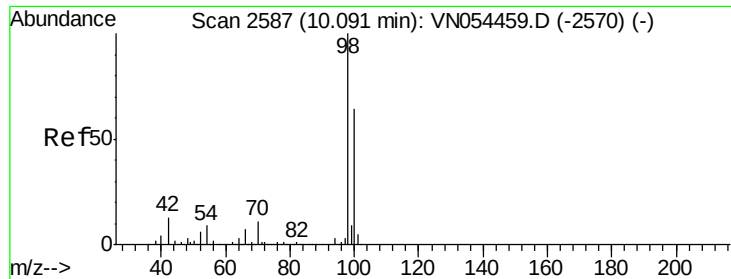
Tot Ion:117 Resp: 51466
Ion Ratio Lower Upper
117 100
119 4.8 76.3 114.5#
121 0.0 24.6 36.8#



#44
Trichloroethene
Concen: 0.855 ug/l
RT: 8.83 min Scan# 2195
Delta R.T. -0.00 min
Lab File: VN054650.D
Acq: 24 Mar 2019 16:07

Tgt Ion:130 Resp: 5526
Ion Ratio Lower Upper
130 100
95 123.1 0.0 185.2

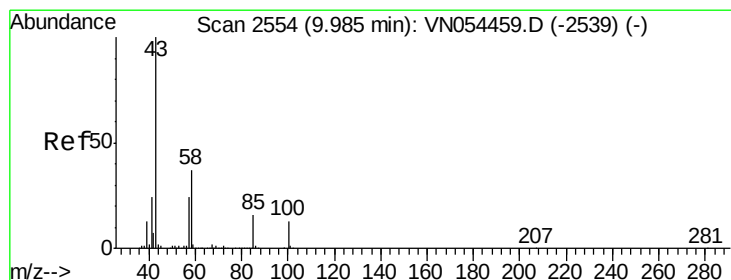
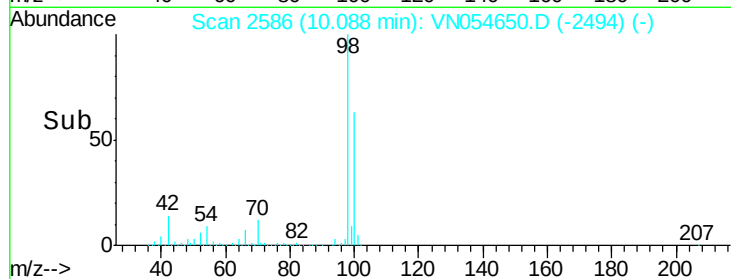
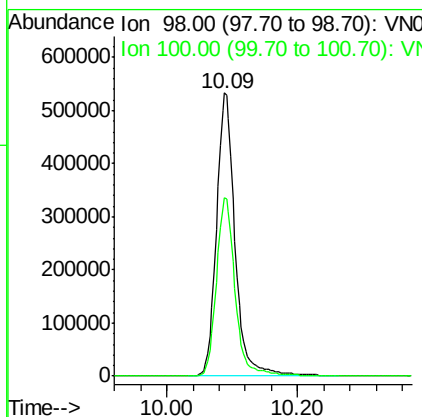
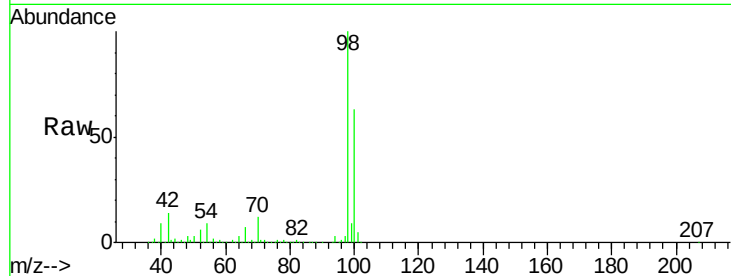




#50
Toluene-d8
Concen: 50.250 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN054650.D
Acq: 24 Mar 2019 16:07

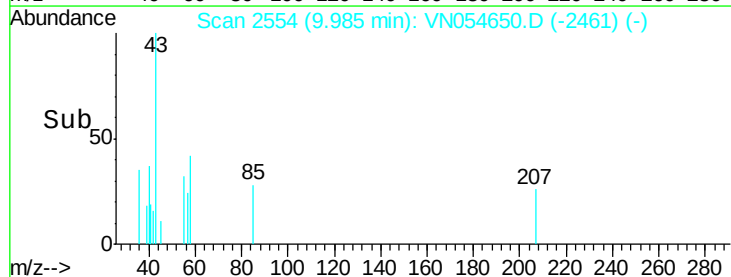
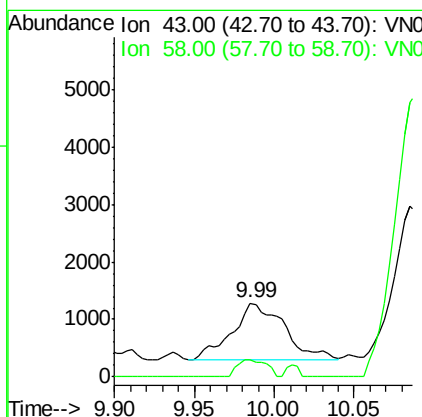
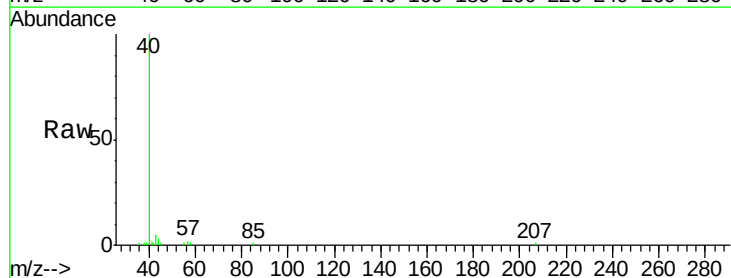
Instrument :
MSVOA_N
ClientSampled :

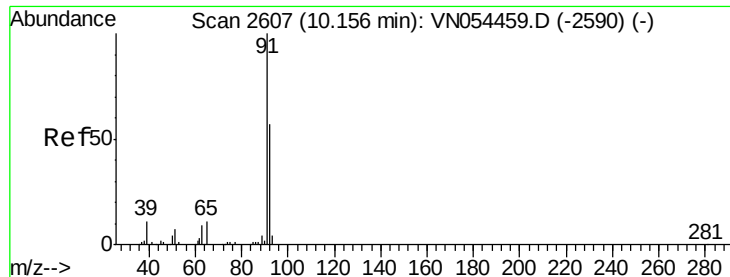
Tot Ion: 98 Resp: 1058178
Ion Ratio Lower Upper
98 100
100 63.8 51.2 76.8



#51
4-Methyl-2-Pentanone
Concen: 0.418 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN054650.D
Acq: 24 Mar 2019 16:07

Tgt Ion: 43 Resp: 2260
Ion Ratio Lower Upper
43 100
58 16.1 31.8 47.6#





#52

Toluene

Concen: 0.212 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN054650.D

Acq: 24 Mar 2019 16:07

Instrument :

MSVOA_N

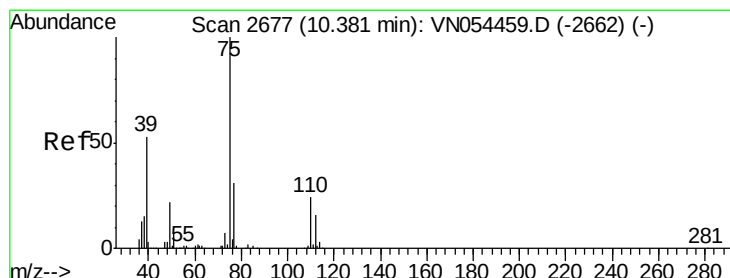
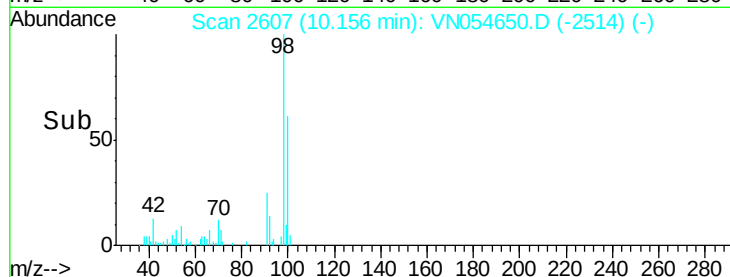
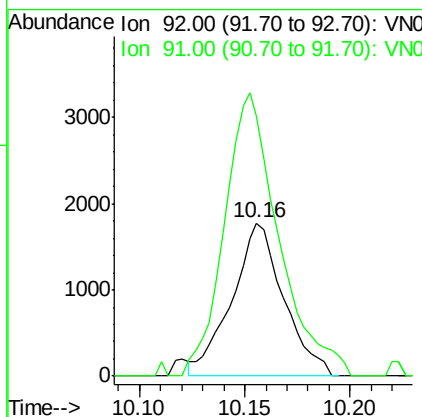
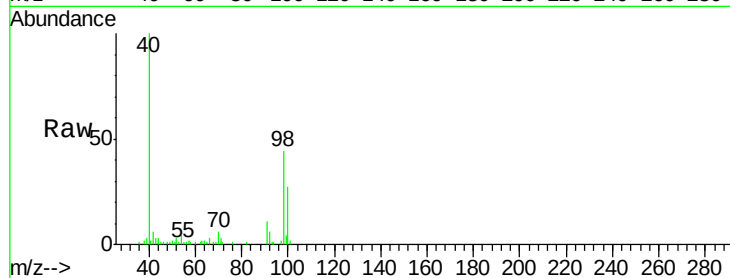
ClientSampled :

Tot Ion: 92 Resp: 3035

Ion Ratio Lower Upper

92 100

91 193.6 140.7 211.1



#53

t-1,3-Dichloropropene

Concen: 2.255 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.29 min

Lab File: VN054650.D

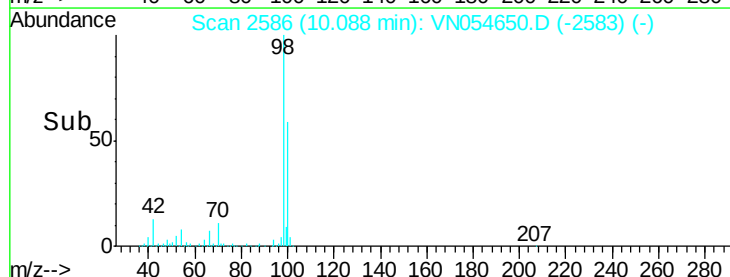
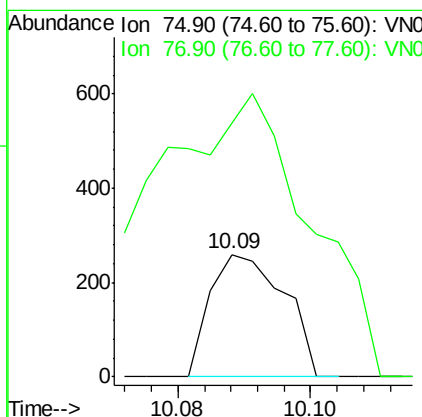
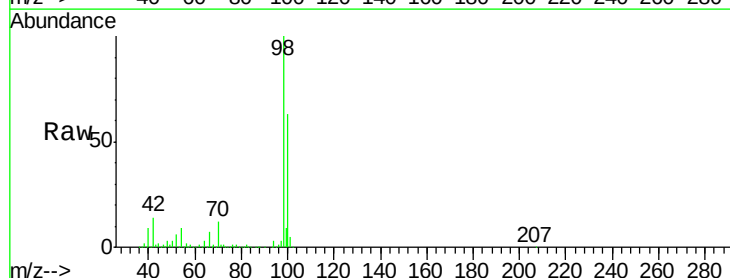
Acq: 24 Mar 2019 16:07

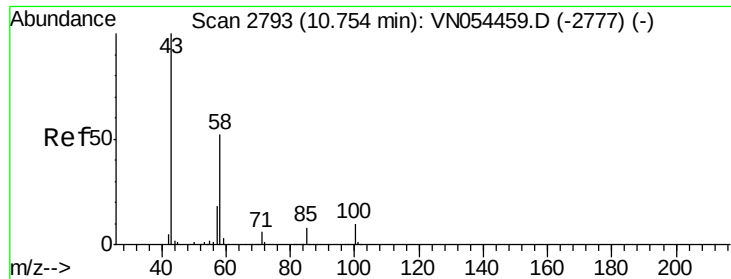
Tgt Ion: 75 Resp: 200

Ion Ratio Lower Upper

75 100

77 97.7 25.8 38.8#

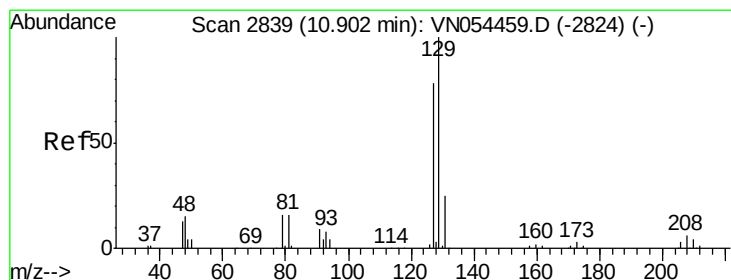
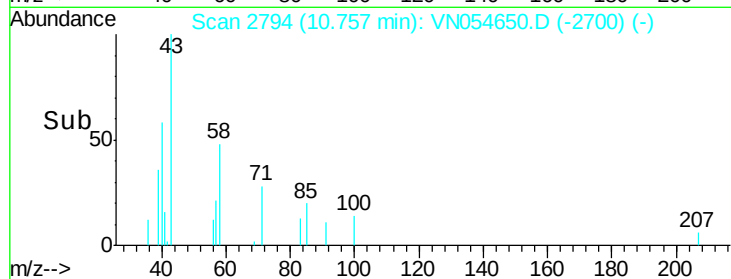
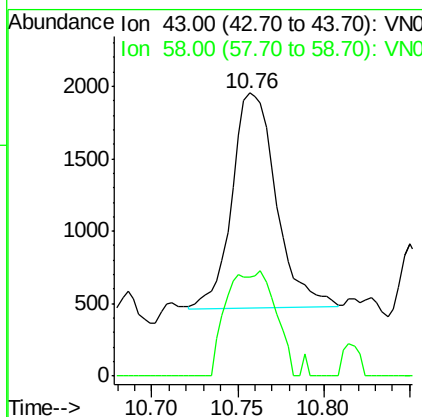
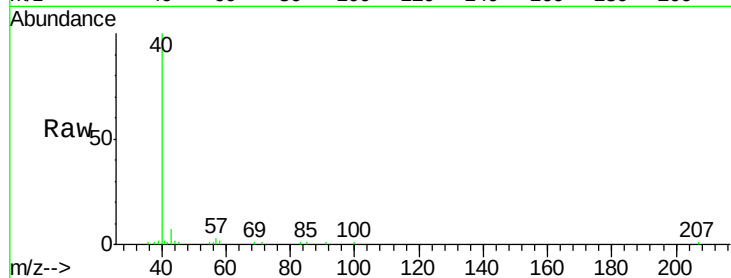




#59
2-Hexanone
Concen: 0.756 ug/l
RT: 10.76 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN054650.D
Acq: 24 Mar 2019 16:07

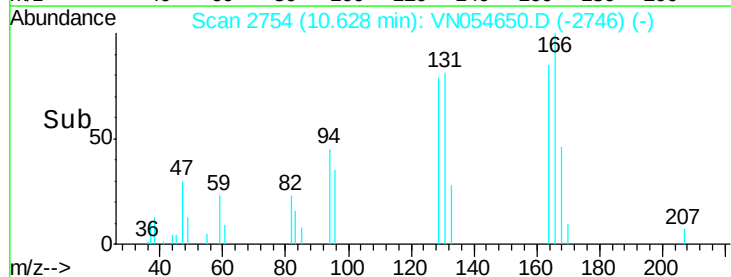
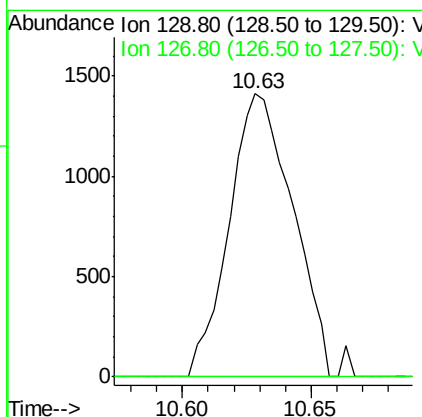
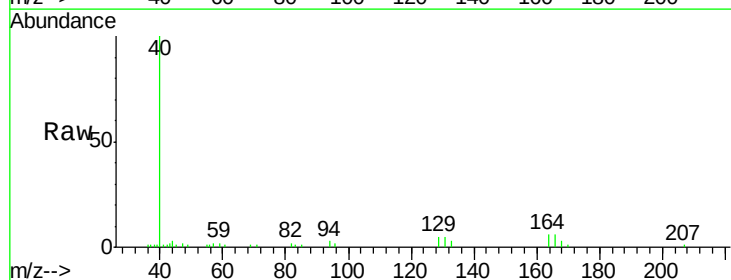
Instrument :
MSVOA_N
ClientSampled :

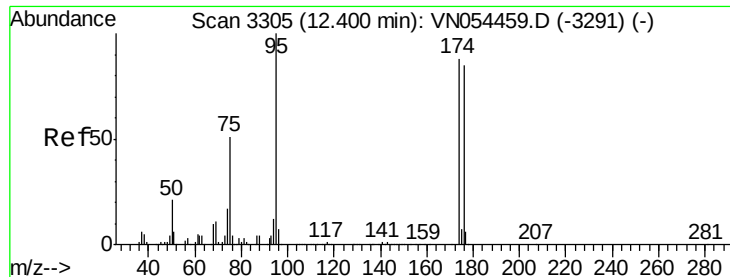
Tot Ion: 43 Resp: 2671
Ion Ratio Lower Upper
43 100
58 54.4 28.0 83.9



#60
Dibromochloromethane
Concen: 0.445 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.27 min
Lab File: VN054650.D
Acq: 24 Mar 2019 16:07

Tgt Ion: 129 Resp: 2431
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#





#62

4-Bromofluorobenzene

Concen: 47.529 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054650.D

Acq: 24 Mar 2019 16:07

Instrument :

MSVOA_N

ClientSampled :

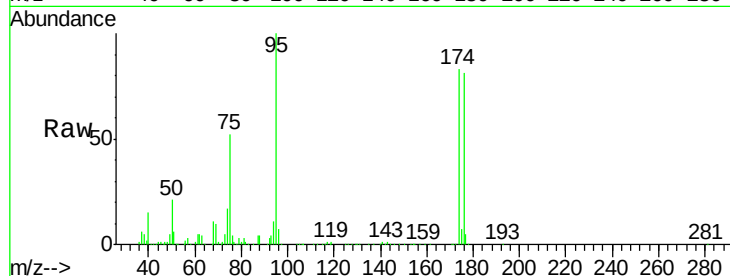
Tot Ion: 95 Resp: 340582

Ion Ratio Lower Upper

95 100

174 83.4 0.0 191.0

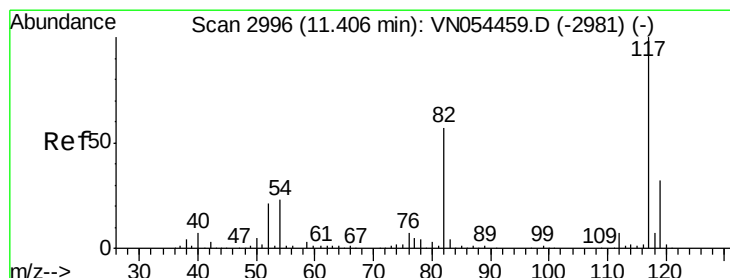
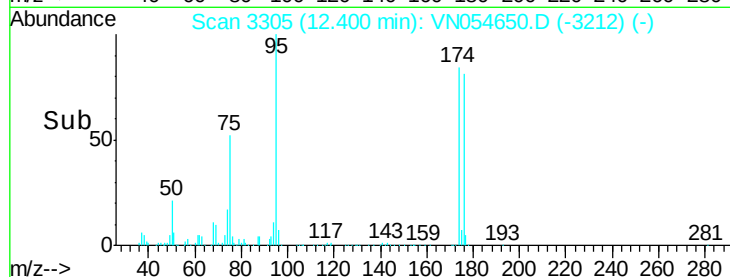
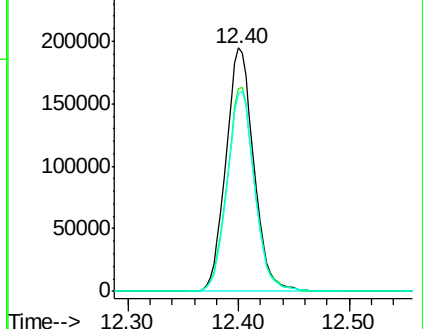
176 81.3 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054459.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN054459.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054459.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054650.D

Acq: 24 Mar 2019 16:07

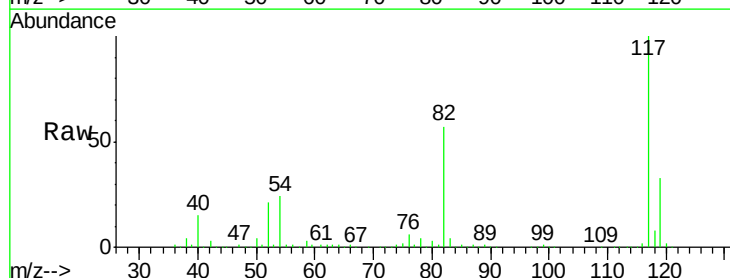
Tgt Ion: 117 Resp: 742055

Ion Ratio Lower Upper

117 100

82 57.3 40.0 60.0

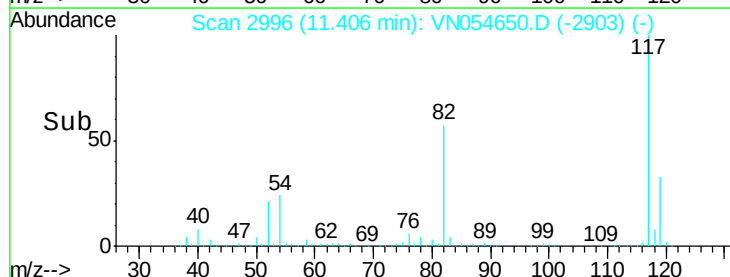
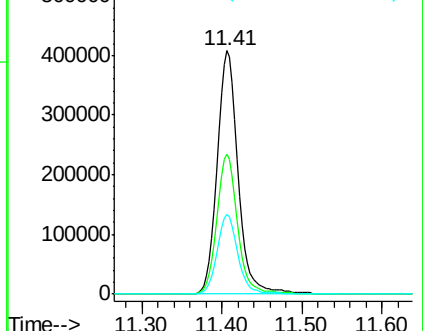
119 32.8 25.8 38.6

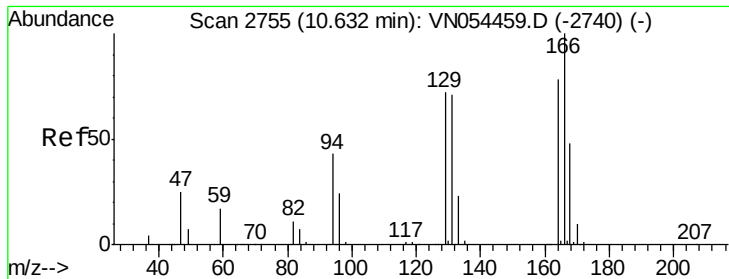


Abundance Ion 116.90 (116.60 to 117.60): VN054459.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN054459.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN054459.D (-2981) (-)





#64

Tetrachloroethene

Concen: 0.438 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. -0.00 min

Lab File: VN054650.D

Acq: 24 Mar 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:164 Resp: 2695

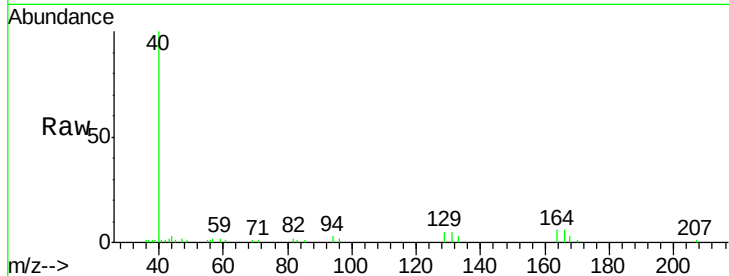
Ion Ratio Lower Upper

164 100

166 117.2 103.9 155.9

129 92.8 71.1 106.7

131 94.7 68.2 102.4

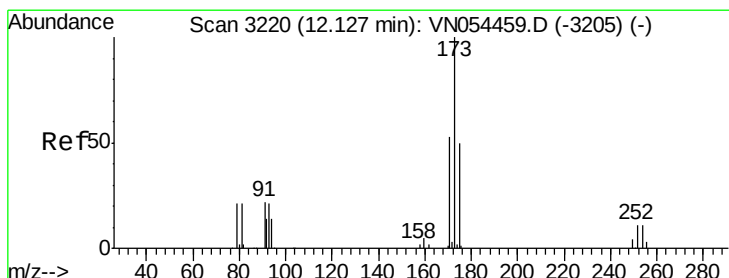
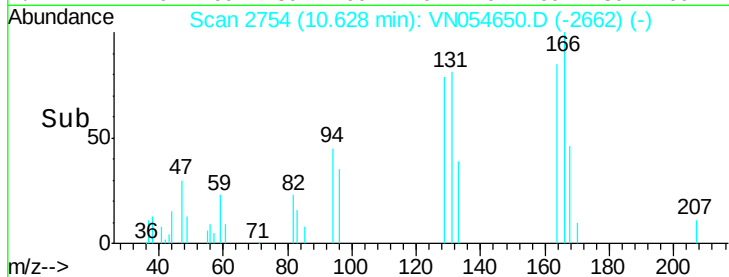
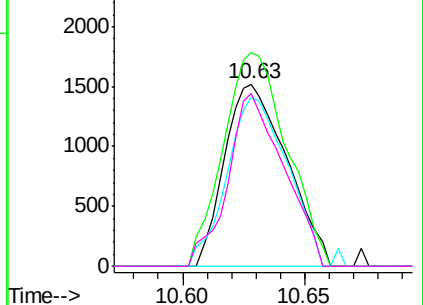


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#71

Bromoform

Concen: 2.286 ug/l

RT: 12.38 min Scan# 3300

Delta R.T. 0.26 min

Lab File: VN054650.D

Acq: 24 Mar 2019 16:07

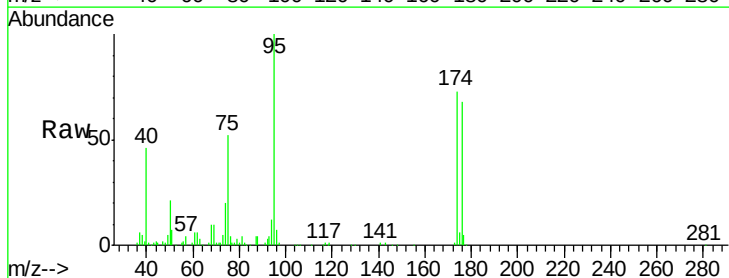
Tgt Ion:173 Resp: 257

Ion Ratio Lower Upper

173 100

175 7257.6 24.4 73.2#

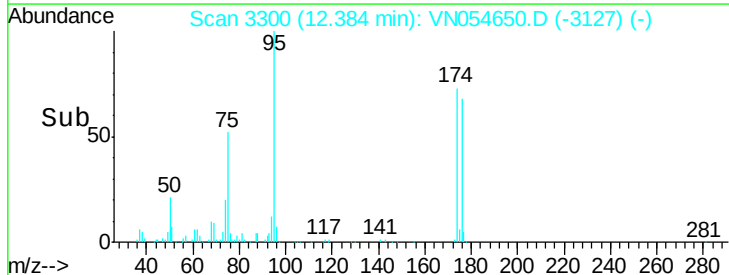
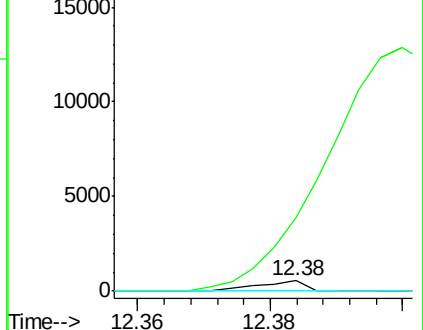
254 0.0 0.1 0.1#

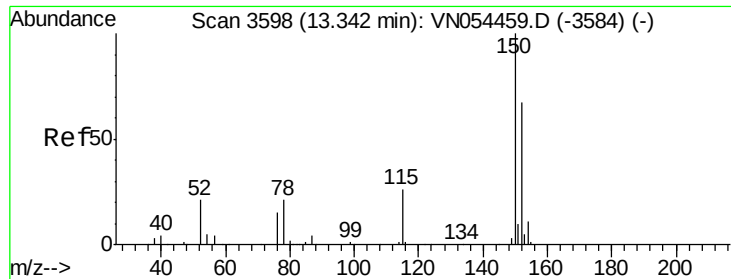


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



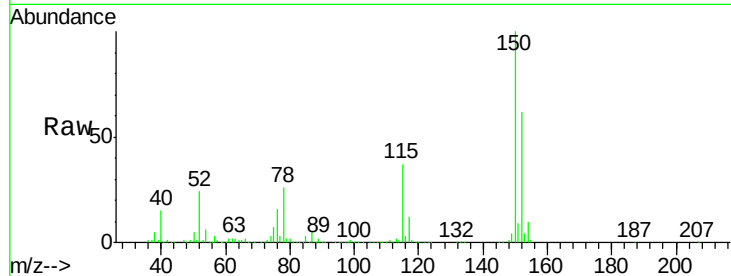


#72

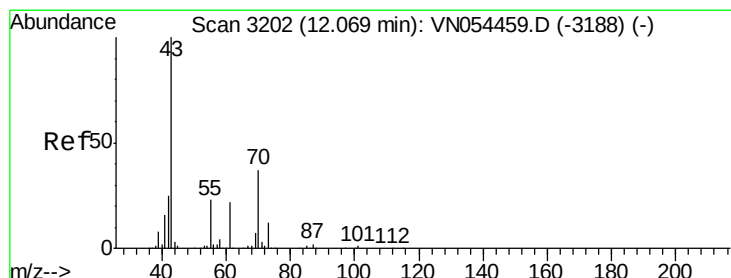
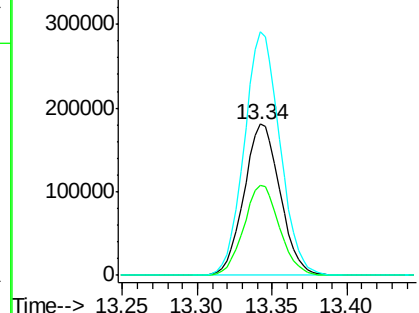
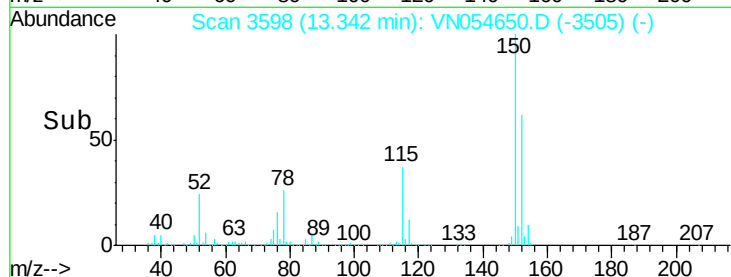
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054650.D
Acq: 24 Mar 2019 16:07

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:152 Resp: 302938
Ion Ratio Lower Upper
152 100
115 59.0 27.2 81.6
150 159.5 0.0 349.2



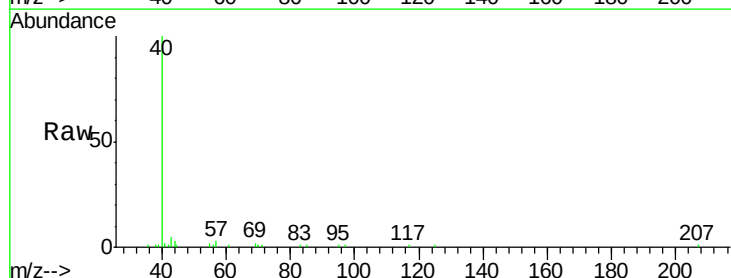
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



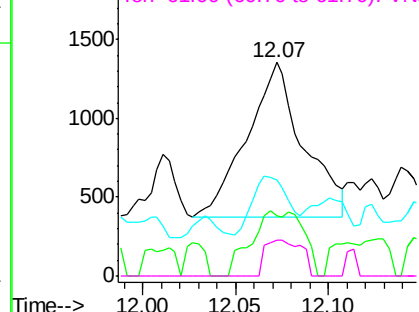
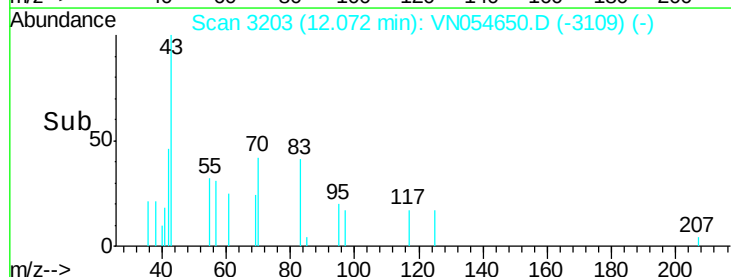
#74

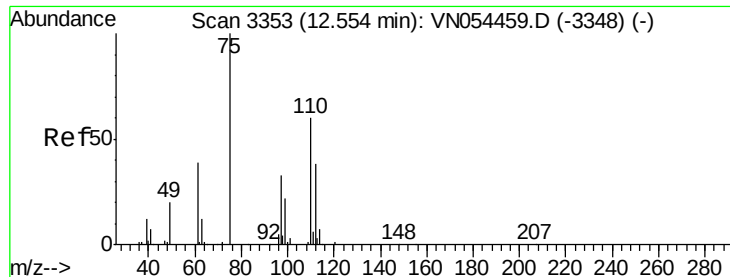
N-ethyl acetate
Concen: 0.295 ug/l
RT: 12.07 min Scan# 3203
Delta R.T. 0.00 min
Lab File: VN054650.D
Acq: 24 Mar 2019 16:07

Tgt Ion: 43 Resp: 2074
Ion Ratio Lower Upper
43 100
70 23.7 35.4 53.0#
55 23.7 19.8 29.6
61 15.0 19.8 29.6#



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





#76

1,2,3-Trichloropropane

Concen: 36.573 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054650.D

Acq: 24 Mar 2019 16:07

Instrument :

MSVOA_N

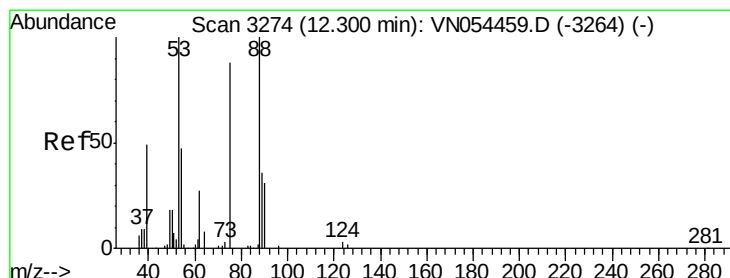
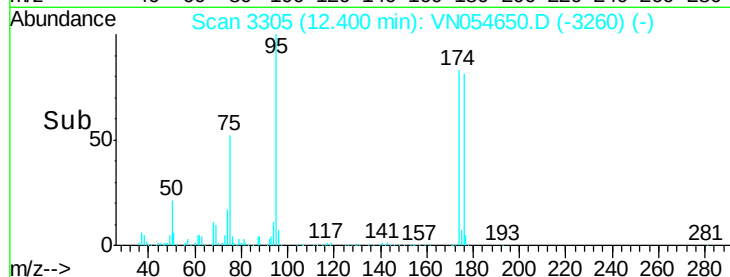
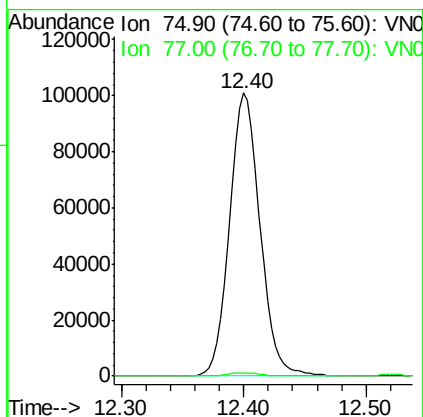
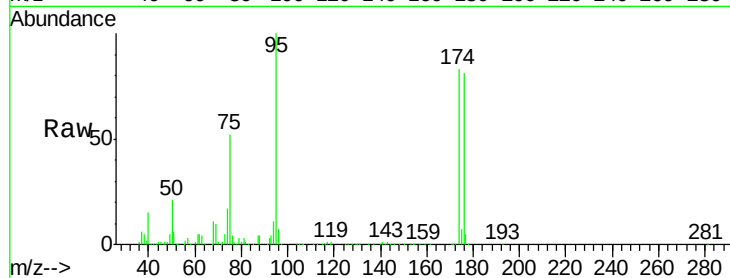
ClientSampled :

Tot Ion: 75 Resp: 175814

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 121.255 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054650.D

Acq: 24 Mar 2019 16:07

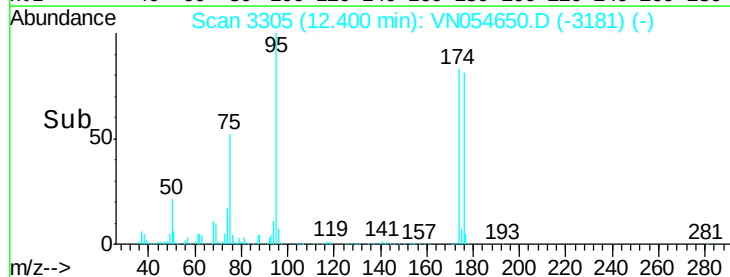
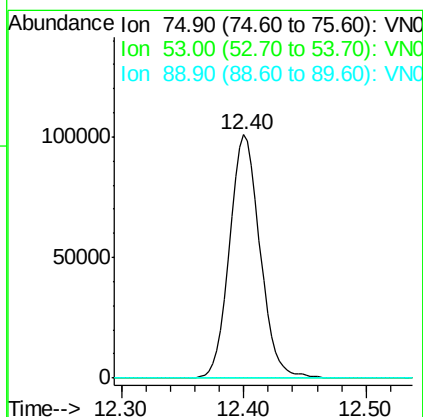
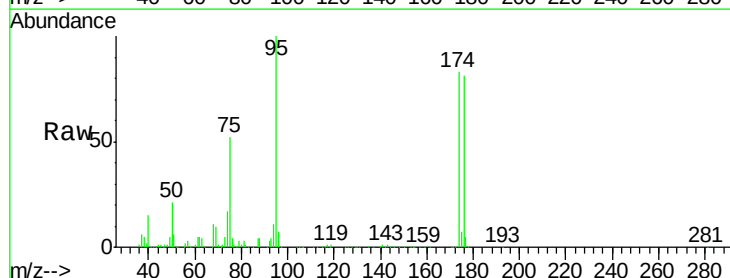
Tgt Ion: 75 Resp: 175814

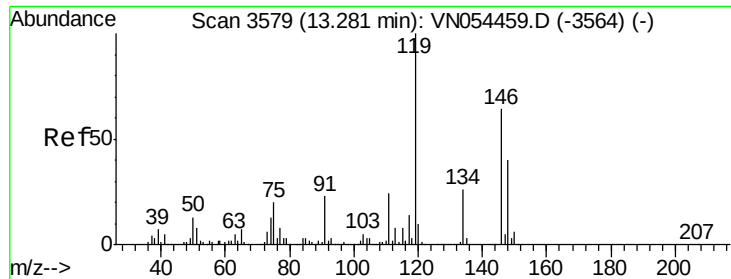
Ion Ratio Lower Upper

75 100

53 0.1 76.2 114.2#

89 0.0 39.2 58.8#

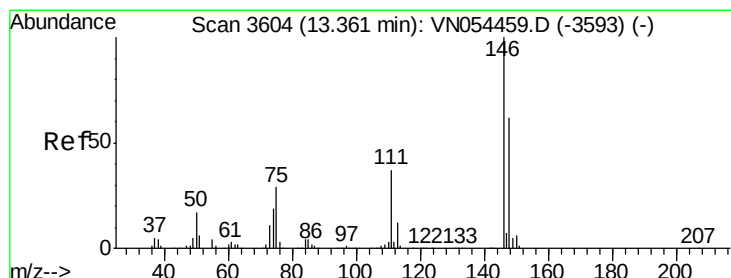
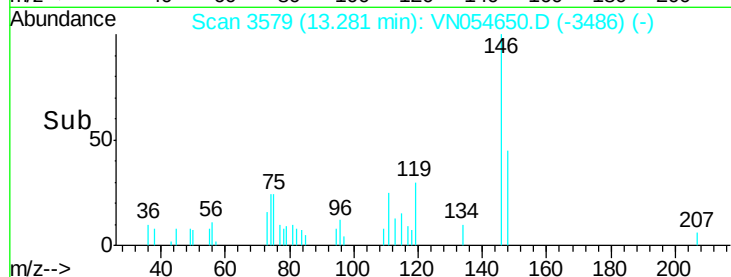
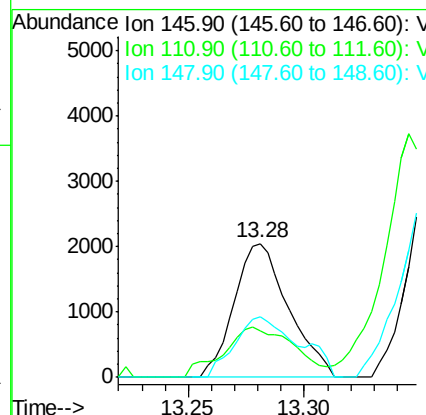
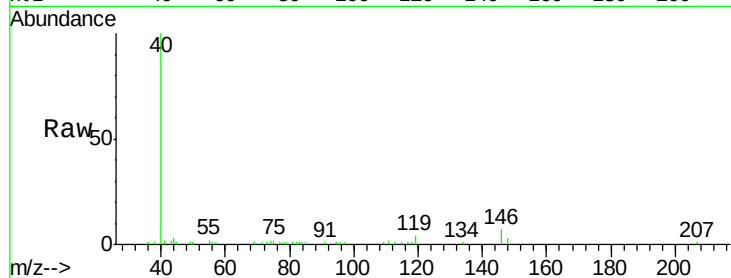




#87
 1,3-Dichlorobenzene
 Concen: 0.332 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN054650.D
 Acq: 24 Mar 2019 16:07

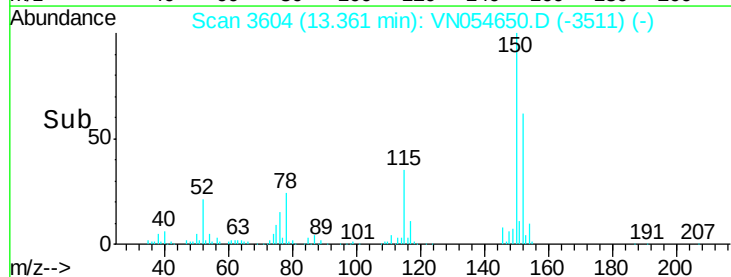
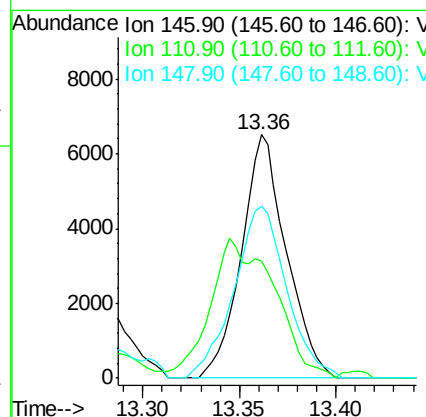
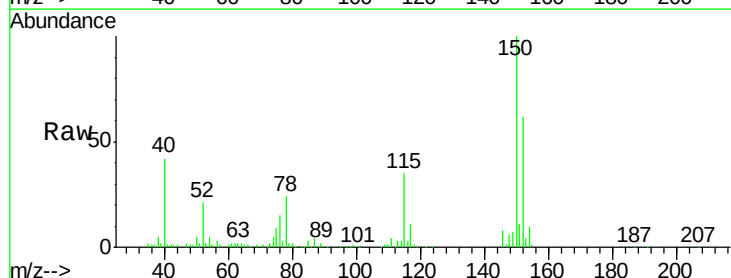
Instrument :
 MSVOA_N
 ClientSampled :

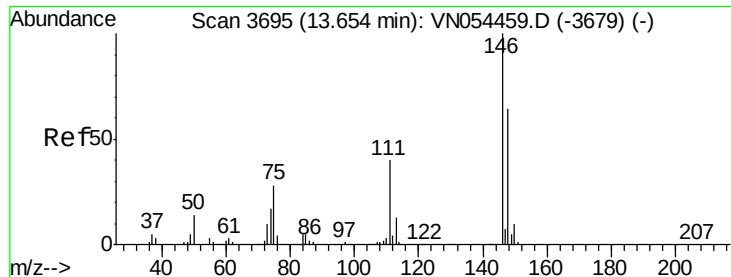
Tot Ion:146 Resp: 3332
 Ion Ratio Lower Upper
 146 100
 111 49.1 18.8 56.3
 148 53.0 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 1.074 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN054650.D
 Acq: 24 Mar 2019 16:07

Tgt Ion:146 Resp: 10481
 Ion Ratio Lower Upper
 146 100
 111 43.6 18.1 54.1
 148 82.9 32.0 96.0

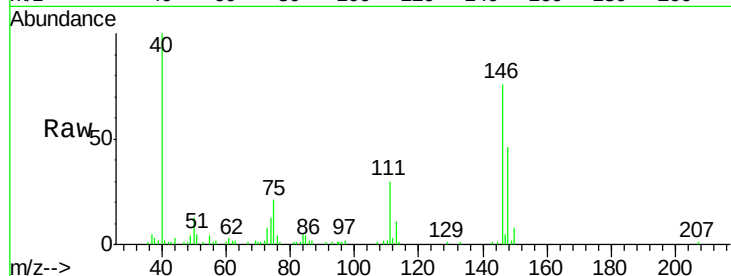




#91
 1,2-Dichlorobenzene
 Concen: 3.841 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN054650.D
 Acq: 24 Mar 2019 16:07

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	19.1	57.3
148	62.0	32.4	97.0

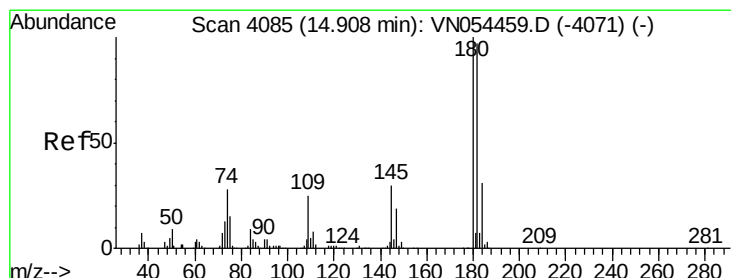
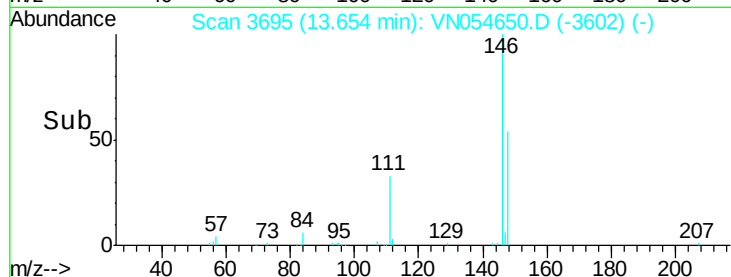
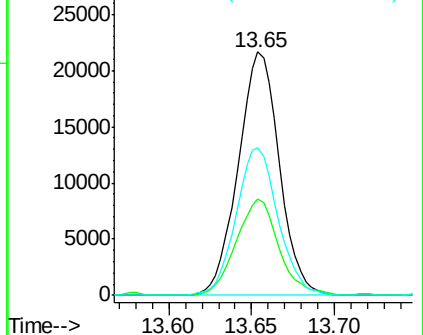


Abundance

Ion 145.90 (145.60 to 146.60): V

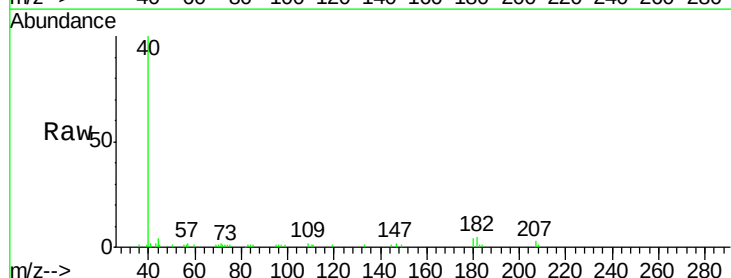
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#93
 1,2,4-Trichlorobenzene
 Concen: 0.440 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN054650.D
 Acq: 24 Mar 2019 16:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	48.0	144.2
145	19.5	14.2	42.8

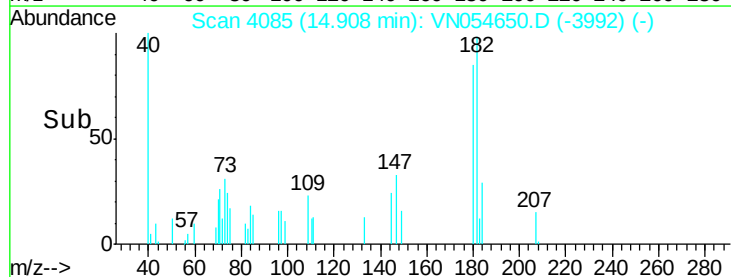
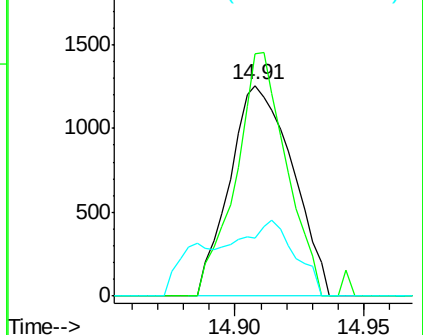


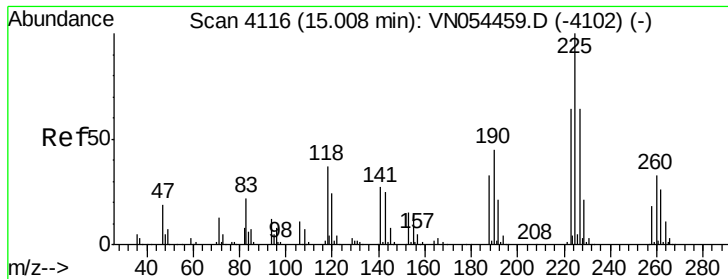
Abundance

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: Below Cal

RT: 15.00 min Scan# 4115

Delta R.T. -0.00 min

Lab File: VN054650.D

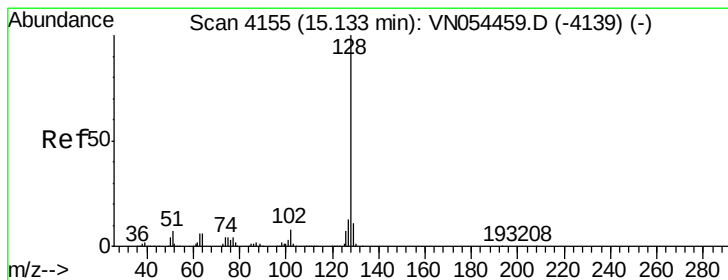
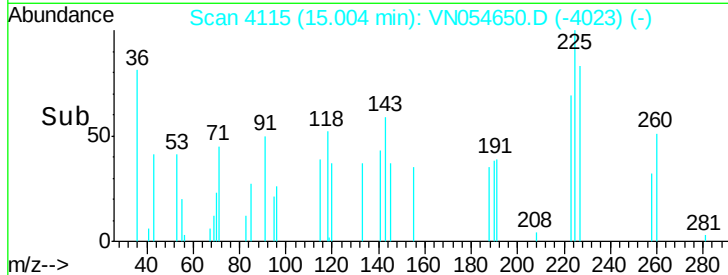
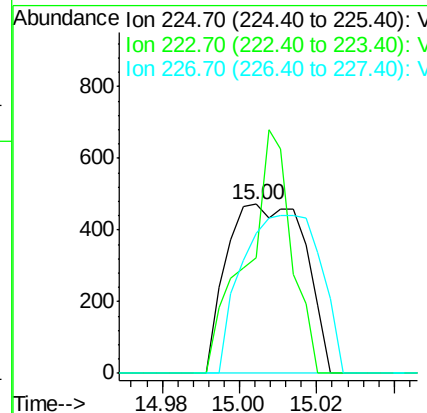
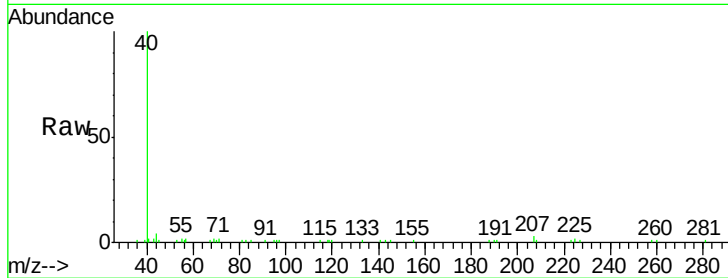
Acq: 24 Mar 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:	225	Resp:	665
Ion	Ratio	Lower	Upper
225	100		
223	82.4	31.1	93.5
227	93.4	31.9	95.9



#95

Naphthalene

Concen: 0.794 ug/l

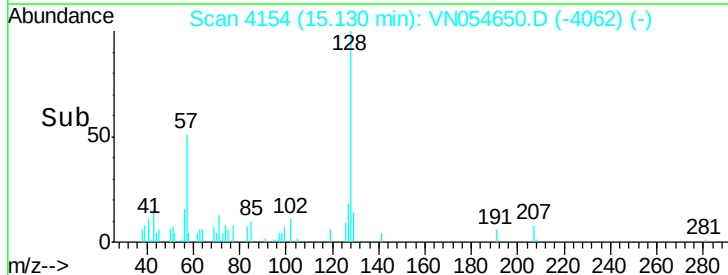
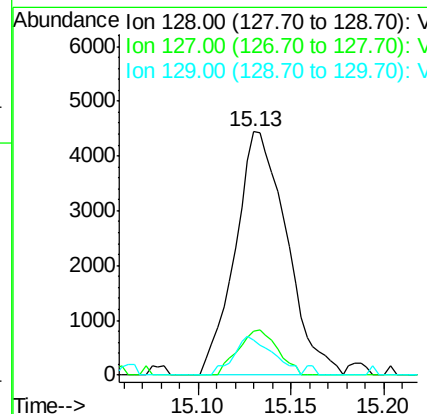
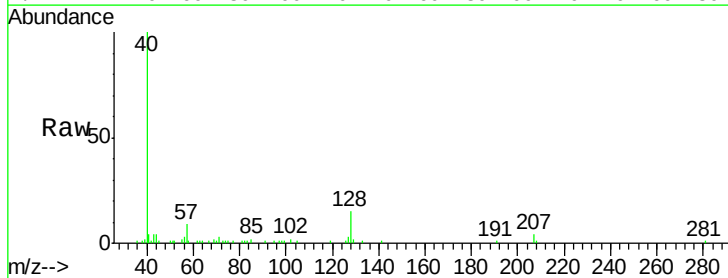
RT: 15.13 min Scan# 4154

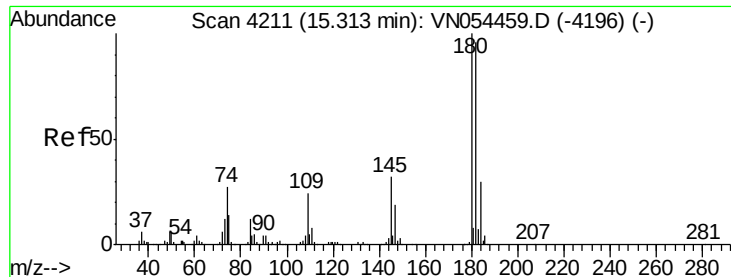
Delta R.T. -0.00 min

Lab File: VN054650.D

Acq: 24 Mar 2019 16:07

Tgt Ion:	128	Resp:	8577
Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.1	15.1
129	11.9	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.482 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. -0.00 min
 Lab File: VN054650.D
 Acq: 24 Mar 2019 16:07

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	90.6	47.5	142.6
145	38.8	14.8	44.3

