

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091319\
 Data File : VN057978.D
 Acq On : 12 Sep 2019 18:59
 Operator : JC/SP
 Sample : K4859-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-GW200-B4-091119

Quant Time: Sep 13 04:48:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	251576	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	423051	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	376161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	211483	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	296401	58.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.34%	
35) Dibromofluoromethane	7.58	113	87309	22.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	44.72%	
50) Toluene-d8	10.09	98	784112	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	
62) 4-Bromofluorobenzene	12.41	95	269574	46.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.32%	

Target Compounds

					Qvalue	
3) Chloromethane	2.04	50	914	0.258	ug/l #	85
5) Bromomethane	2.55	94	239	Below Cal		81
11) Tert butyl alcohol	4.77	59	207	0.336	ug/l #	72
16) Acetone	3.80	43	41028	24.562	ug/l	97
17) Carbon Disulfide	4.03	76	970	0.390	ug/l #	75
18) Methyl Acetate	4.31	43	5749	1.291	ug/l #	78
20) Methylene Chloride	4.54	84	1081	Below Cal		85
25) 2-Butanone	6.83	43	4343	1.796	ug/l	96
28) Bromochloromethane	7.36	49	9603	2.861	ug/l #	19
30) Chloroform	7.36	83	106458	15.153	ug/l	99
31) Cyclohexane	7.65	56	6541	Below Cal	#	28
36) 1,1-Dichloropropene	7.65	75	22909	4.669	ug/l #	49
38) Carbon Tetrachloride	7.65	117	25932	5.789	ug/l #	16
40) Benzene	8.03	78	5503	0.373	ug/l	98
43) Isopropyl Acetate	8.27	43	300006	35.193	ug/l #	56
44) Trichloroethene	8.83	130	1240	0.342	ug/l	81
48) Methyl methacrylate	9.17	41	2030	0.469	ug/l #	30
51) 4-Methyl-2-Pentanone	9.98	43	8975	1.779	ug/l	98
52) Toluene	10.15	92	8456	0.909	ug/l	97
59) 2-Hexanone	10.76	43	3166	0.837	ug/l	96
60) Dibromochloromethane	10.63	129	12405	3.390	ug/l #	11
64) Tetrachloroethene	10.63	164	13419	4.832	ug/l	98
67) Ethyl Benzene	11.51	91	7852	0.455	ug/l #	77
68) m/p-Xylenes	11.62	106	6469	1.024	ug/l	92
69) o-Xylene	11.95	106	16475	2.622	ug/l	99
70) Styrene	11.97	104	2587	0.239	ug/l #	25
76) 1,2,3-Trichloropropane	12.41	75	148243	30.987	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	148243	109.042	ug/l #	6
84) 1,2,4-Trimethylbenzene	13.05	105	5156	0.366	ug/l	88
92) 1,2-Dibromo-3-Chloropropan	14.28	75	235	0.258	ug/l #	6
93) 1,2,4-Trichlorobenzene	14.92	180	2496	0.509	ug/l	93
95) Naphthalene	15.13	128	53699	2.856	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	3166	1.723	ug/l	88

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QLast Update : Tue Sep 10 03:02:13 2019
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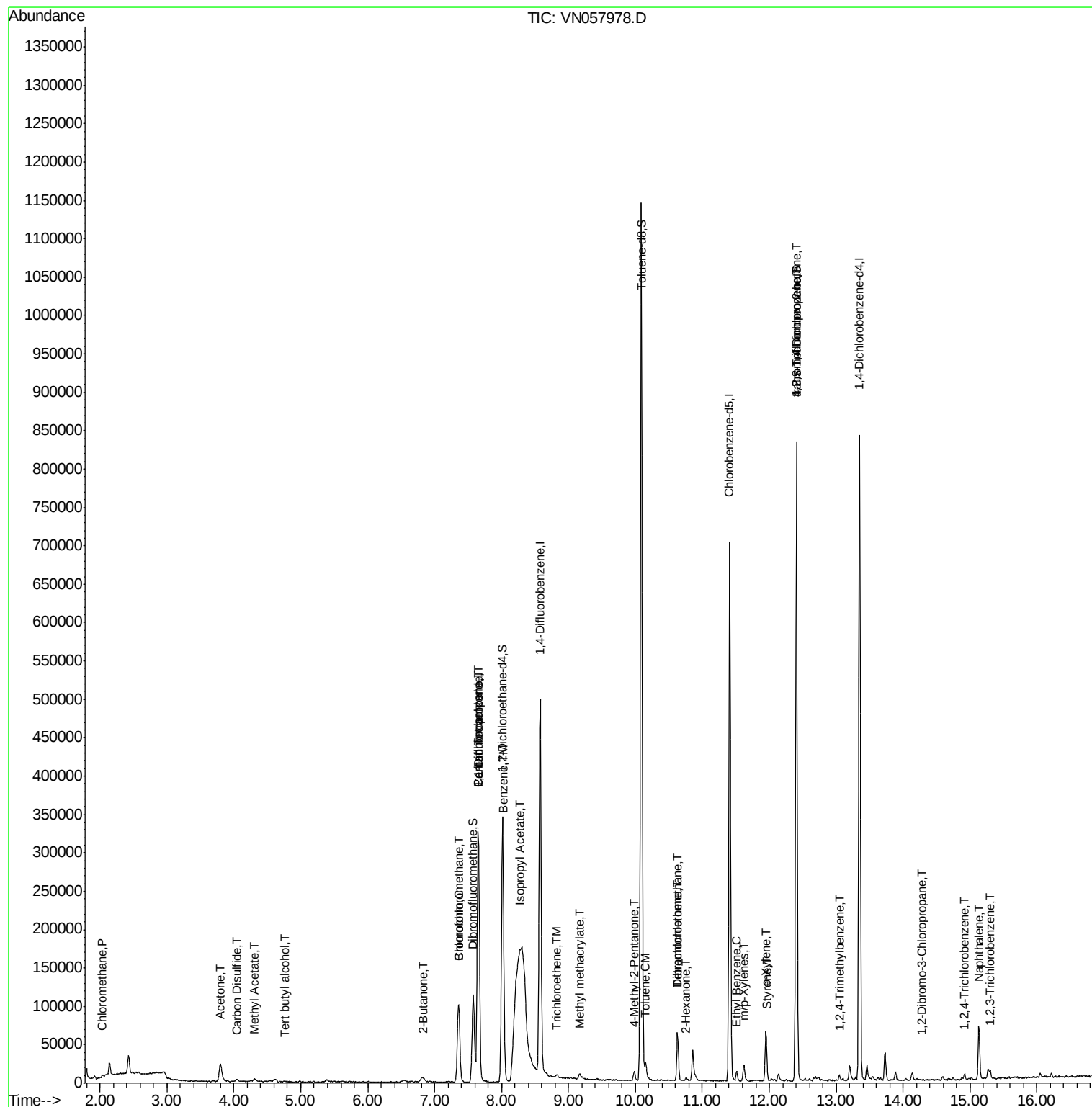
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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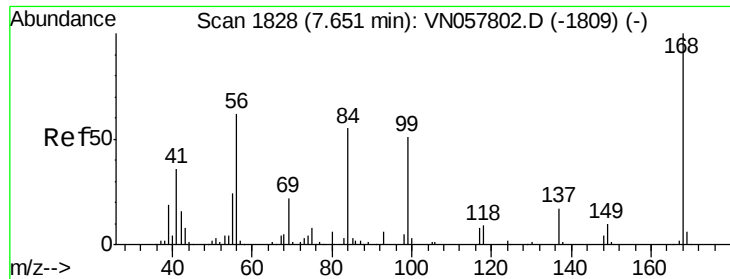
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN091319\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057978.D

Acq: 12 Sep 2019 18:59

Instrument :

MSVOA_N

ClientSampleId :

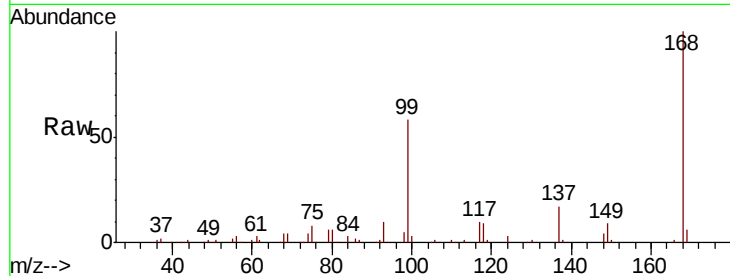
IDW-GW200-B4-091119

Tgt Ion:168 Resp: 251576

Ion Ratio Lower Upper

168 100

99 58.5 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VN057978.D (-1735) (-)

Ion 98.90 (98.60 to 99.60): VN057978.D (-1735) (-)

7.65

120000

100000

80000

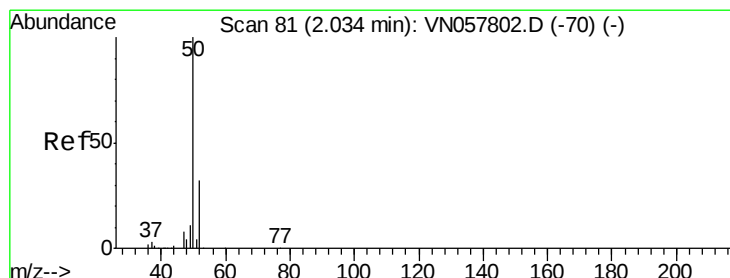
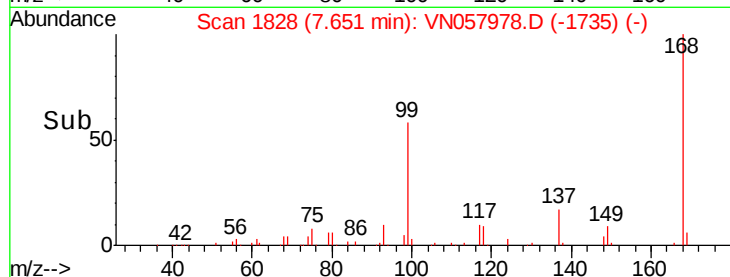
60000

40000

20000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#3

Chloromethane

Concen: 0.258 ug/l

RT: 2.04 min Scan# 84

Delta R.T. 0.01 min

Lab File: VN057978.D

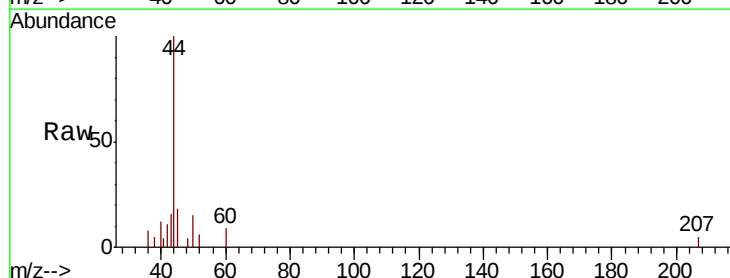
Acq: 12 Sep 2019 18:59

Tgt Ion: 50 Resp: 914

Ion Ratio Lower Upper

50 100

52 40.4 25.5 38.3#



Abundance Ion 49.90 (49.60 to 50.60): VN057978.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN057978.D (-1) (-)

2.04

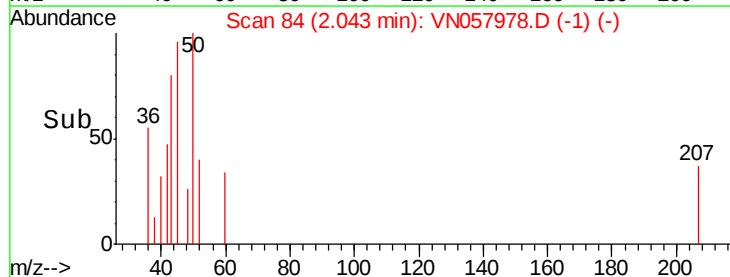
600

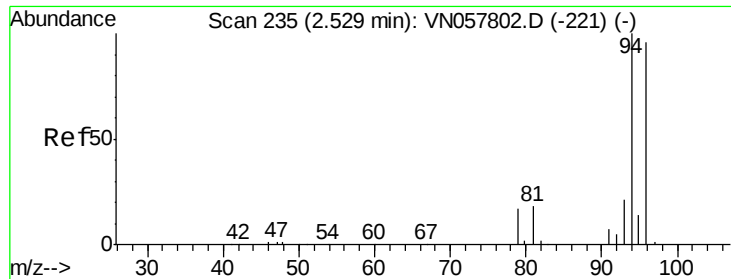
400

200

0

Time--> 2.00 2.02 2.04 2.06

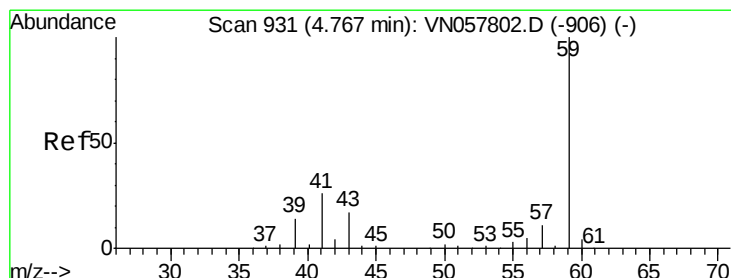
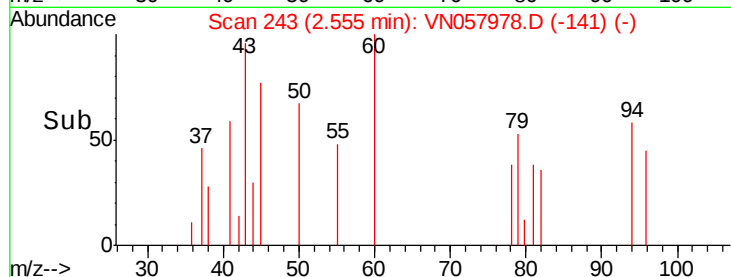
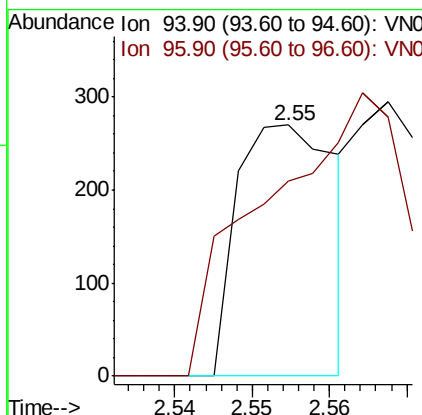
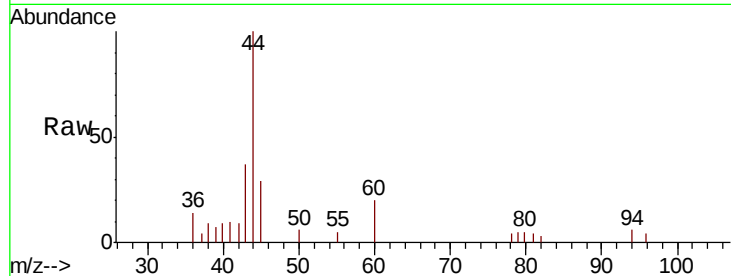




#5
Bromomethane
Concen: Below Cal
RT: 2.55 min Scan# 243
Delta R.T. 0.03 min
Lab File: VN057978.D
Acq: 12 Sep 2019 18:59

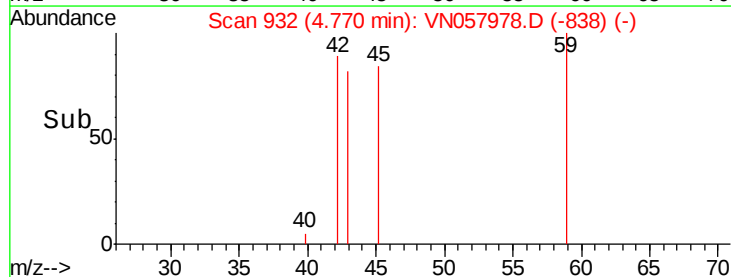
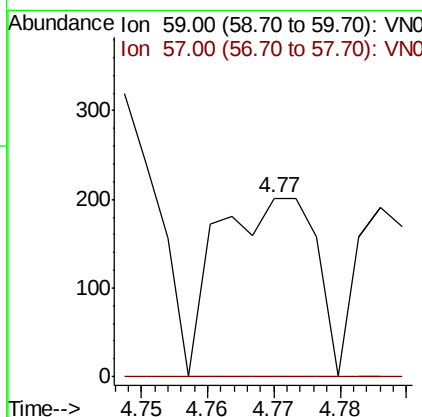
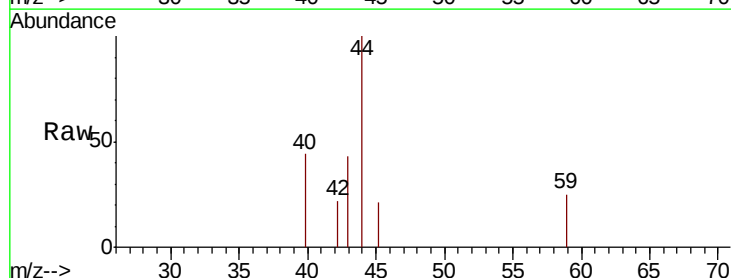
Instrument :
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ClientSampleId :
IDW-GW200-B4-091119

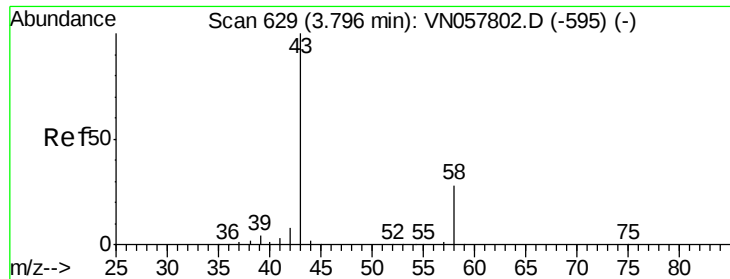
Tgt Ion: 94 Resp: 239
Ion Ratio Lower Upper
94 100
96 77.4 77.0 115.4



#11
Tert butyl alcohol
Concen: 0.336 ug/l
RT: 4.77 min Scan# 932
Delta R.T. 0.00 min
Lab File: VN057978.D
Acq: 12 Sep 2019 18:59

Tgt Ion: 59 Resp: 207
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#





#16

Acetone

Concen: 24.562 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN057978.D

Acq: 12 Sep 2019 18:59

Instrument :

MSVOA_N

ClientSampleId :

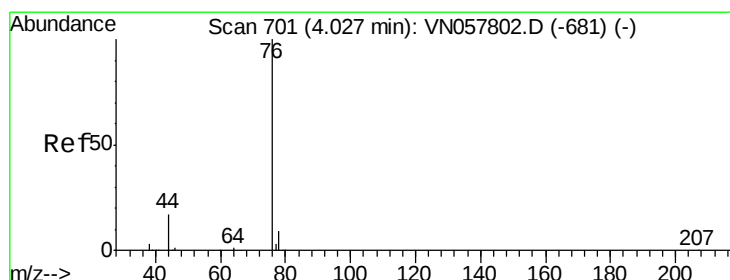
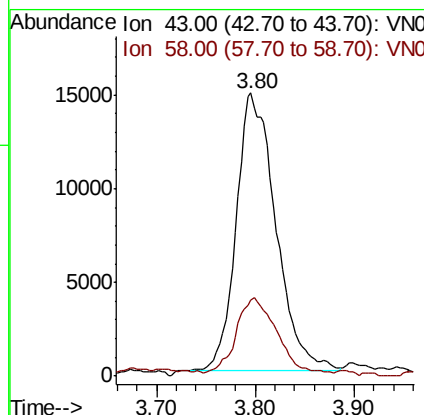
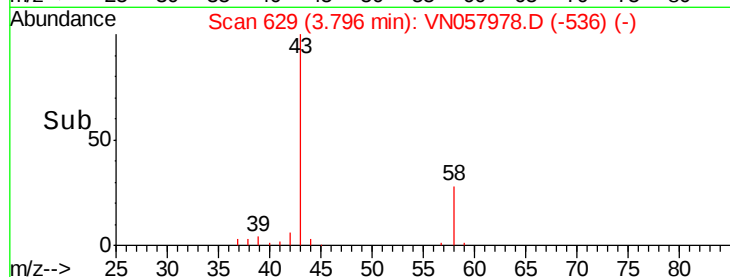
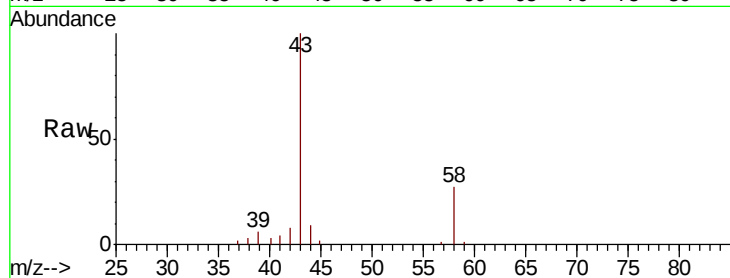
IDW-GW200-B4-091119

Tgt Ion: 43 Resp: 41028

Ion Ratio Lower Upper

43 100

58 25.9 22.2 33.2



#17

Carbon Disulfide

Concen: 0.390 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN057978.D

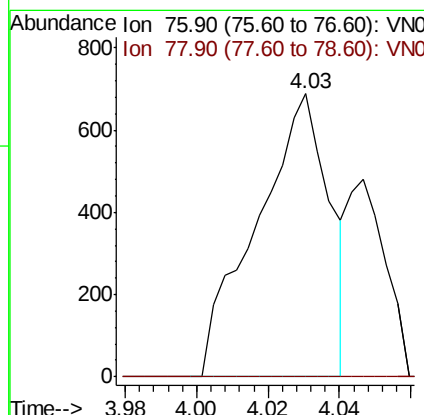
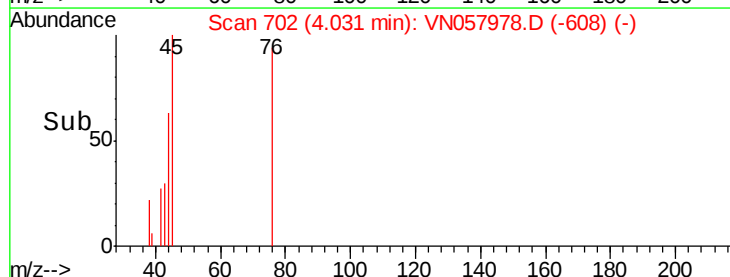
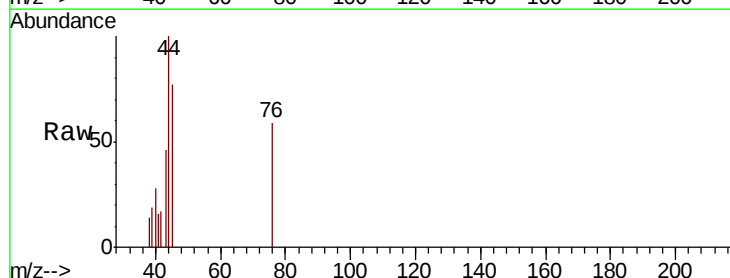
Acq: 12 Sep 2019 18:59

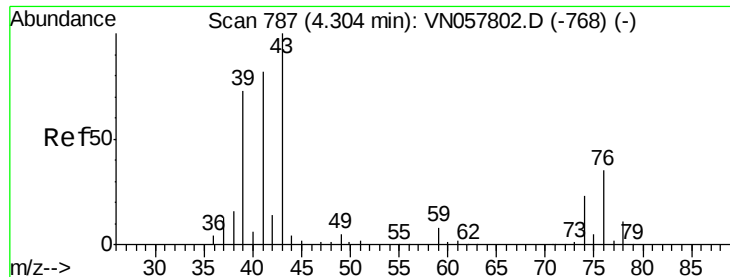
Tgt Ion: 76 Resp: 970

Ion Ratio Lower Upper

76 100

78 0.0 7.1 10.7#

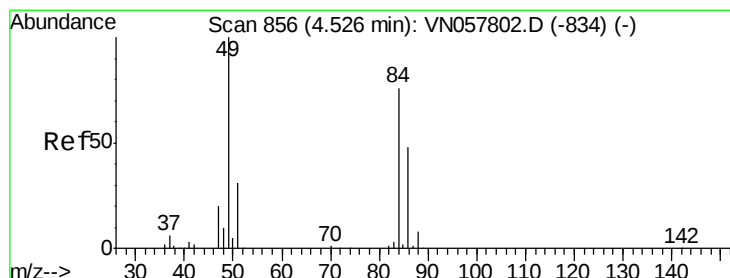
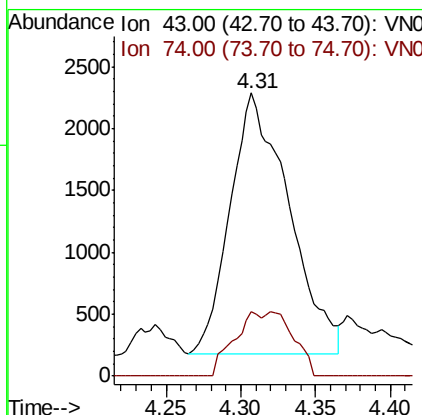
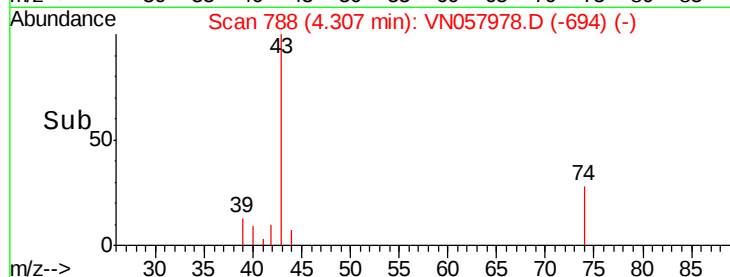
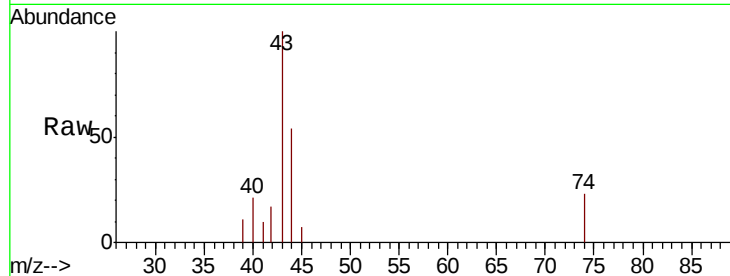




#18
Methyl Acetate
Concen: 1.291 ug/l
RT: 4.31 min Scan# 788
Delta R.T. 0.00 min
Lab File: VN057978.D
Acq: 12 Sep 2019 18:59

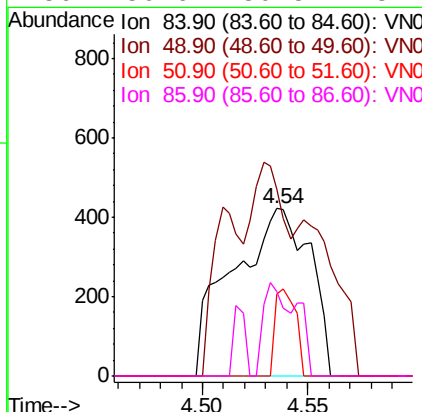
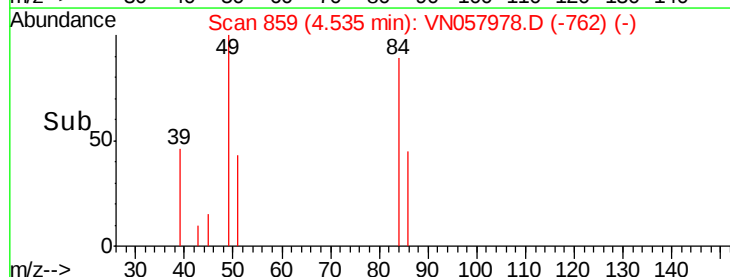
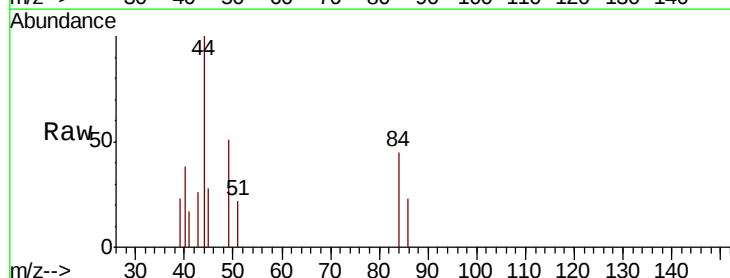
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ClientSampleId :
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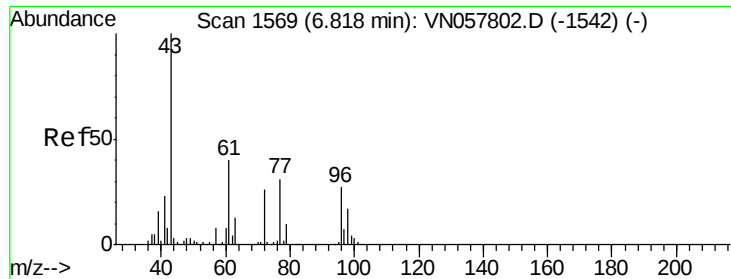
Tgt Ion: 43 Resp: 5749
Ion Ratio Lower Upper
43 100
74 11.7 17.9 26.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.54 min Scan# 859
Delta R.T. 0.01 min
Lab File: VN057978.D
Acq: 12 Sep 2019 18:59

Tgt Ion: 84 Resp: 1081
Ion Ratio Lower Upper
84 100
49 112.1 104.8 157.2
51 48.7 33.0 49.4
86 50.6 50.5 75.7

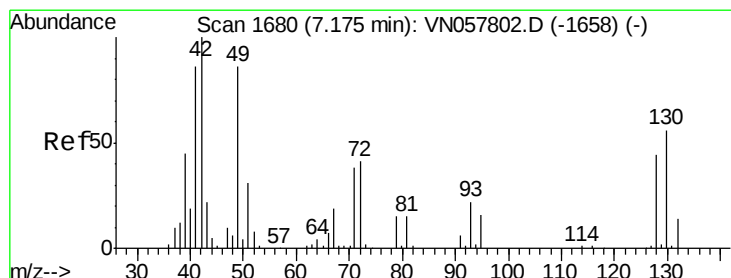
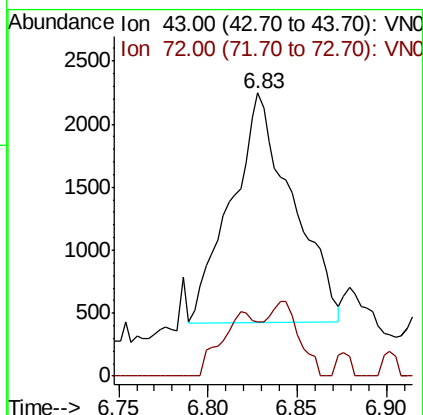
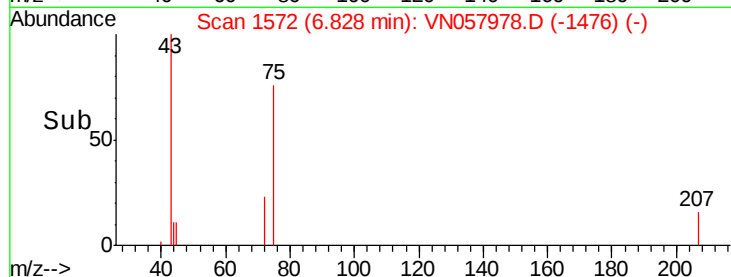
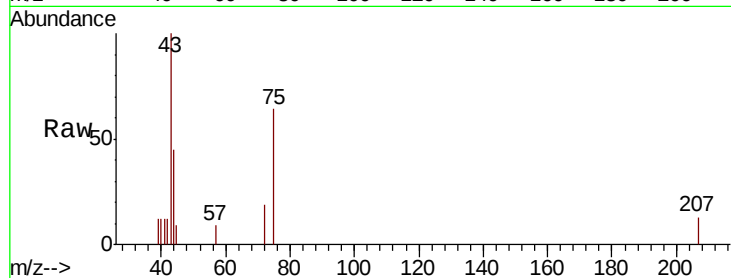




#25
 2-Butanone
 Concen: 1.796 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: VN057978.D
 Acq: 12 Sep 2019 18:59

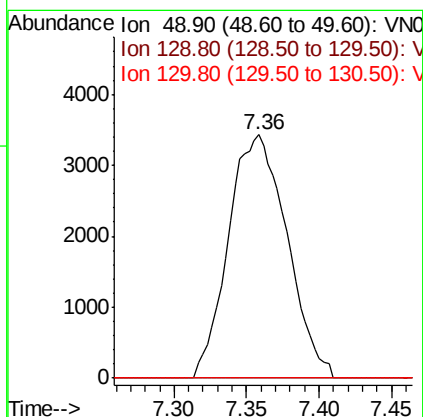
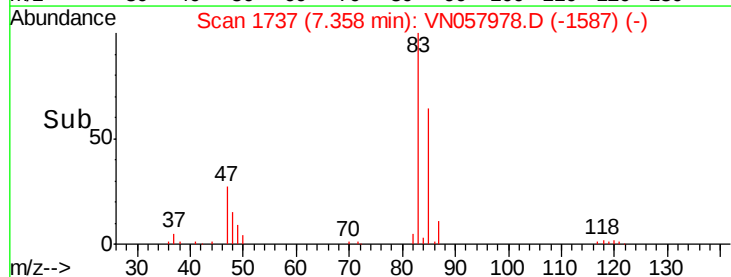
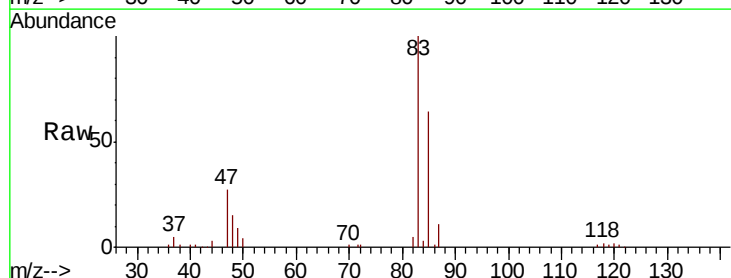
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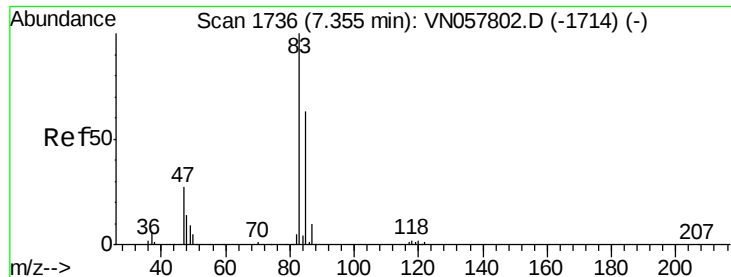
Tgt Ion: 43 Resp: 4343
 Ion Ratio Lower Upper
 43 100
 72 23.5 20.6 30.8



#28
 Bromochloromethane
 Concen: 2.861 ug/l
 RT: 7.36 min Scan# 1737
 Delta R.T. 0.18 min
 Lab File: VN057978.D
 Acq: 12 Sep 2019 18:59

Tgt Ion: 49 Resp: 9603
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 0.0 53.0 79.6#

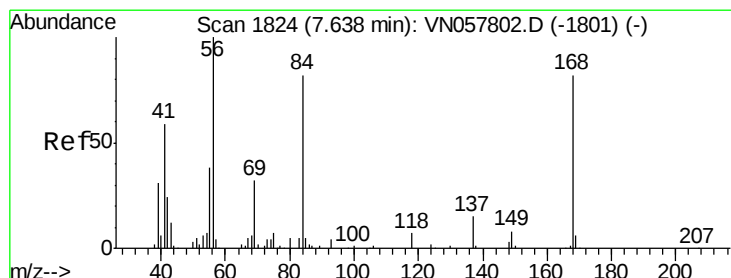
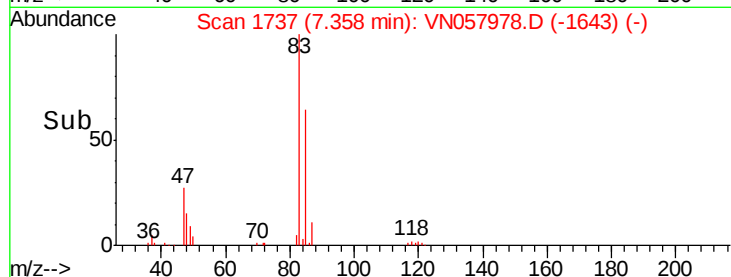
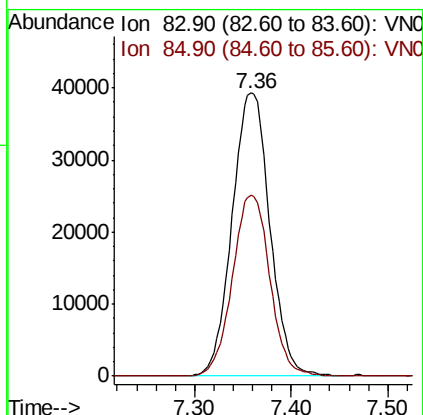
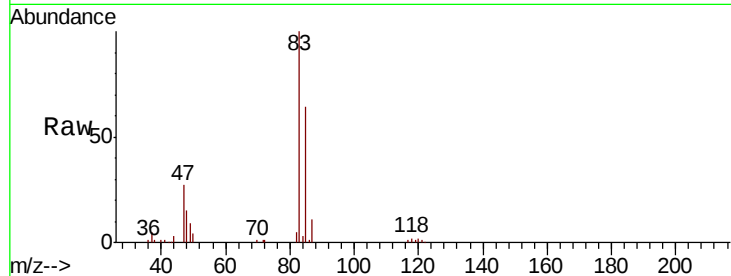




#30
Chloroform
Concen: 15.153 ug/l
RT: 7.36 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN057978.D
Acq: 12 Sep 2019 18:59

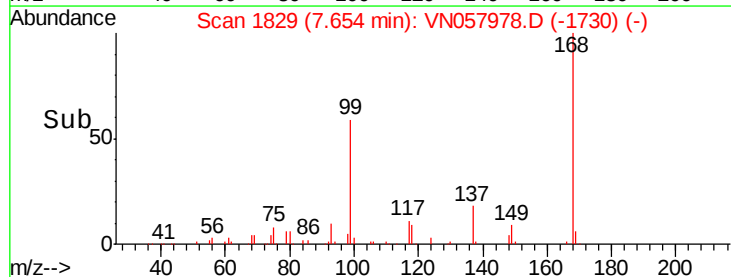
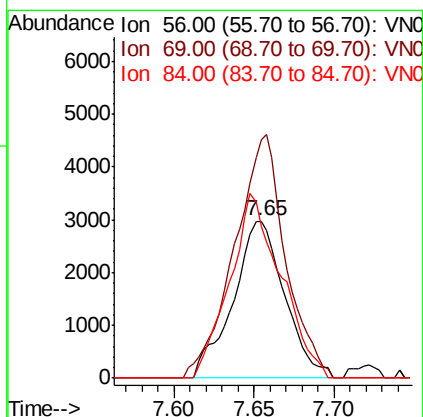
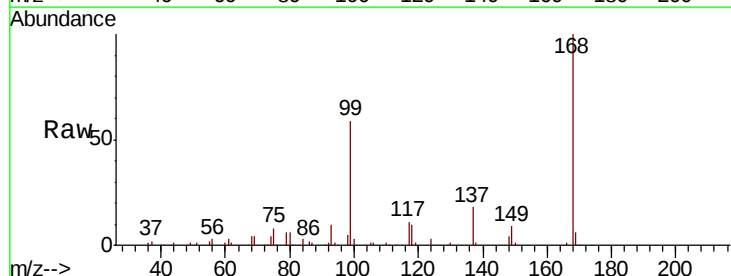
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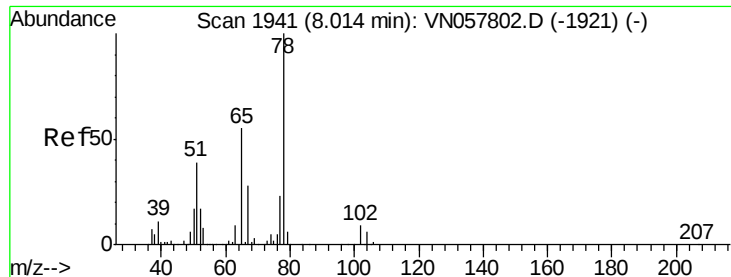
Tgt Ion: 83 Resp: 106458
Ion Ratio Lower Upper
83 100
85 63.7 50.6 75.8



#31
Cyclohexane
Concen: Below Cal
RT: 7.65 min Scan# 1829
Delta R.T. 0.02 min
Lab File: VN057978.D
Acq: 12 Sep 2019 18:59

Tgt Ion: 56 Resp: 6541
Ion Ratio Lower Upper
56 100
69 152.1 25.9 38.9#
84 96.7 65.6 98.4

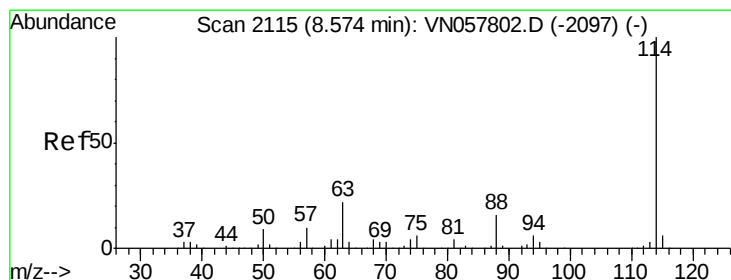
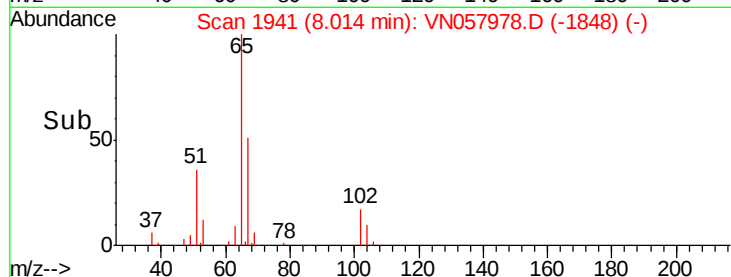
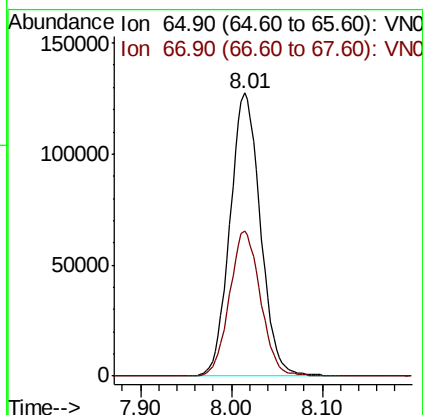
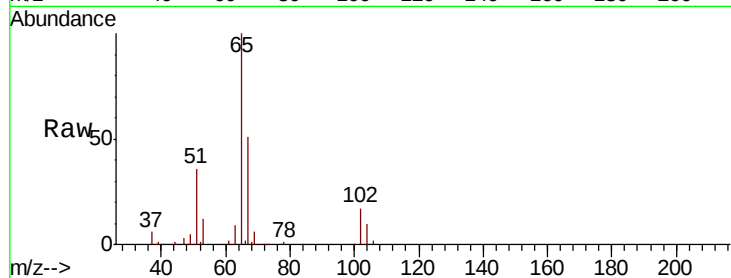




#33
 1,2-Dichloroethane-d4
 Concen: 58.169 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057978.D
 Acq: 12 Sep 2019 18:59

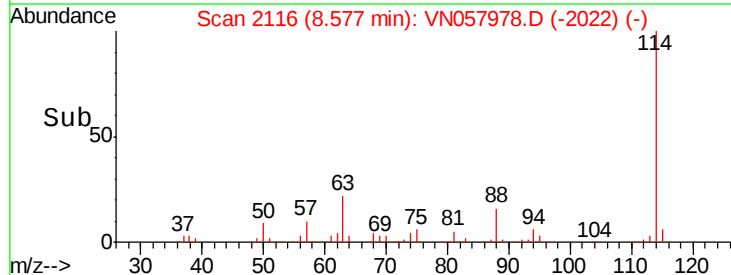
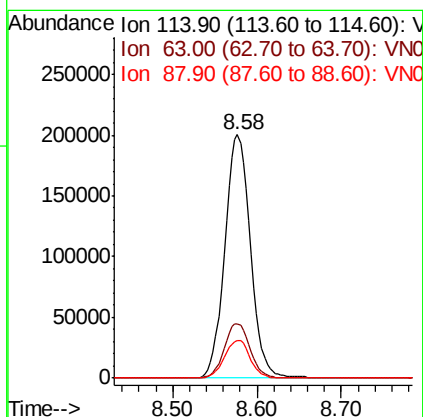
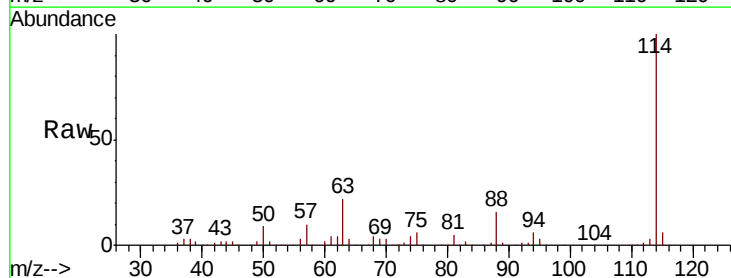
Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-GW200-B4-091119

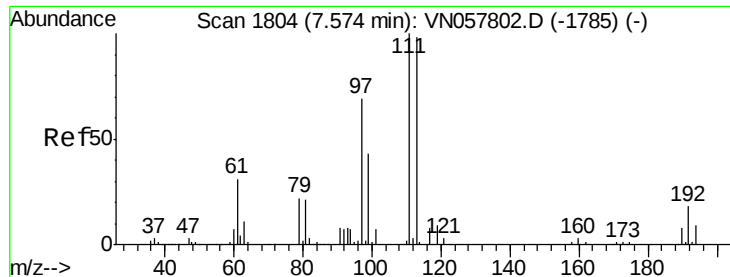
Tgt Ion: 65 Resp: 296401
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057978.D
 Acq: 12 Sep 2019 18:59

Tgt Ion: 114 Resp: 423051
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 44.0
 88 15.6 0.0 31.4

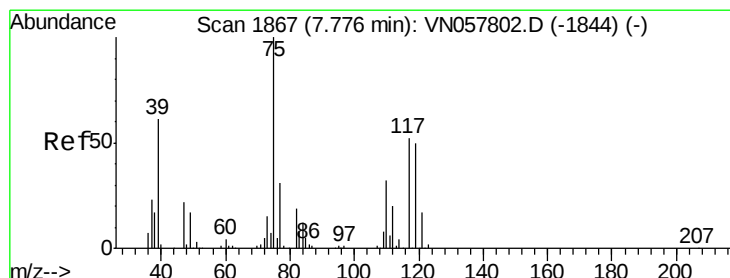
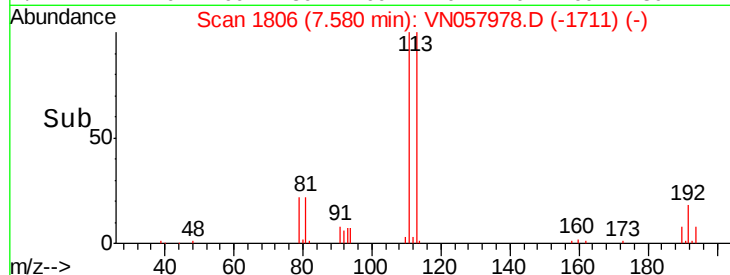
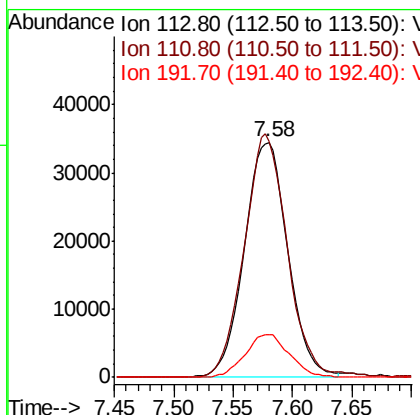
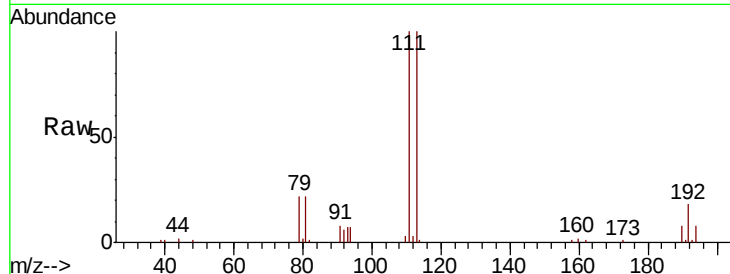




#35
 Dibromofluoromethane
 Concen: 22.361 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. 0.01 min
 Lab File: VN057978.D
 Acq: 12 Sep 2019 18:59

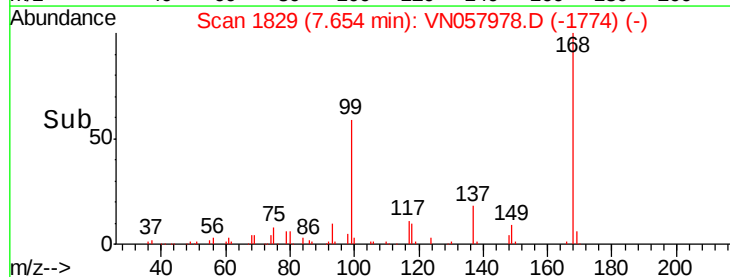
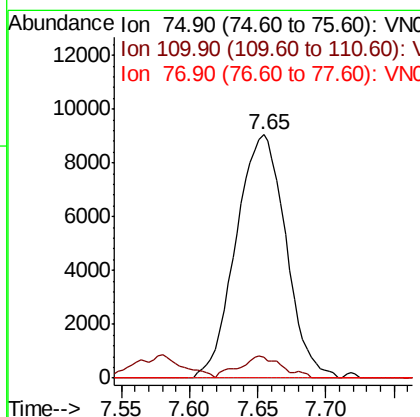
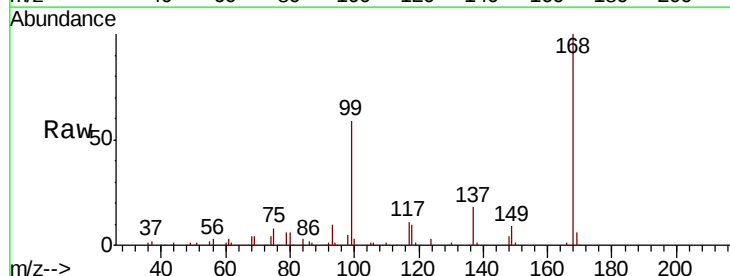
Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-GW200-B4-091119

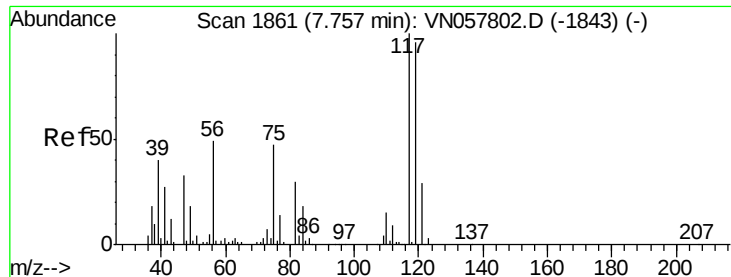
Tgt Ion: 113 Resp: 87309
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.3 121.9
 192 18.4 14.6 22.0



#36
 1,1-Dichloropropene
 Concen: 4.669 ug/l
 RT: 7.65 min Scan# 1829
 Delta R.T. -0.12 min
 Lab File: VN057978.D
 Acq: 12 Sep 2019 18:59

Tgt Ion: 75 Resp: 22909
 Ion Ratio Lower Upper
 75 100
 110 7.3 16.3 48.9#
 77 0.0 25.0 37.4#

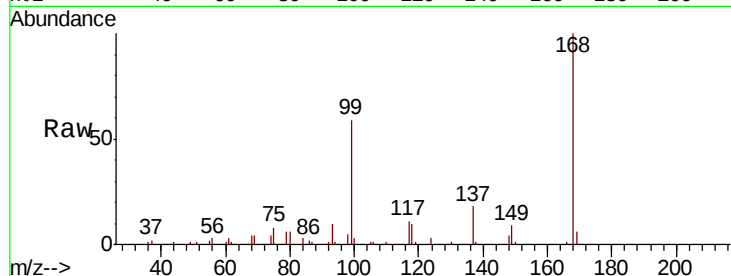




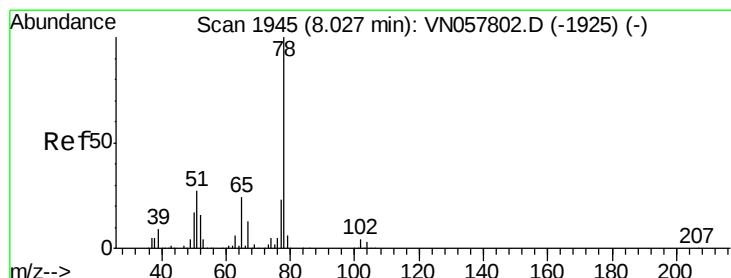
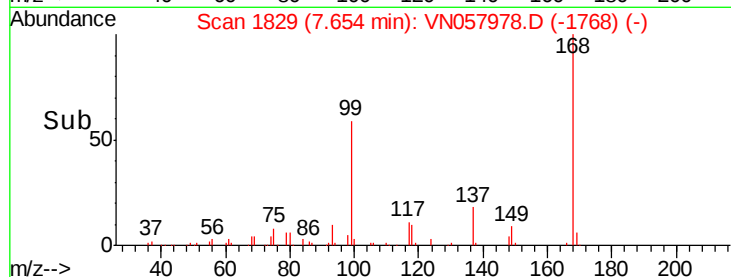
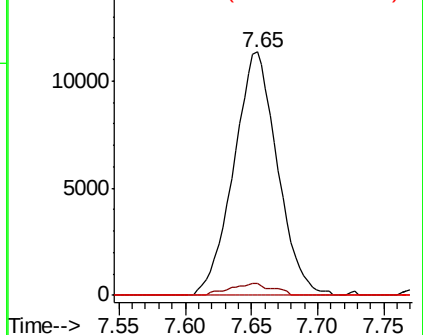
#38
Carbon Tetrachloride
Concen: 5.789 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.10 min
Lab File: VN057978.D
Acq: 12 Sep 2019 18:59

Instrument :
MSVOA_N
ClientSampleId :
IDW-GW200-B4-091119

Tgt Ion:117 Resp: 25932
Ion Ratio Lower Upper
117 100
119 5.0 76.9 115.3#
121 0.0 23.4 35.2#

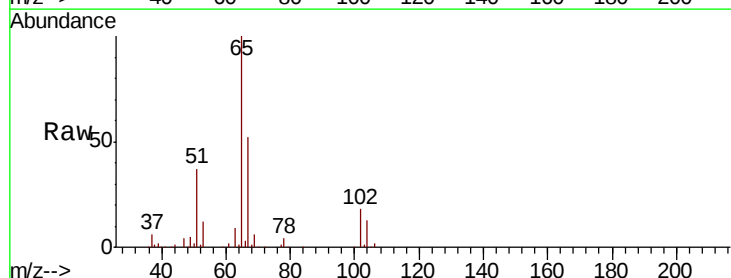


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

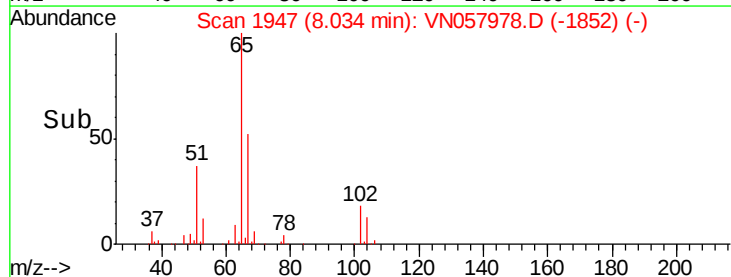
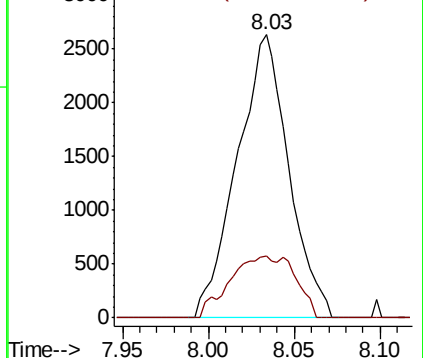


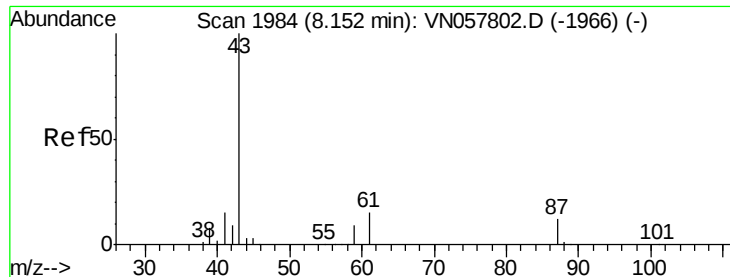
#40
Benzene
Concen: 0.373 ug/l
RT: 8.03 min Scan# 1947
Delta R.T. 0.01 min
Lab File: VN057978.D
Acq: 12 Sep 2019 18:59

Tgt Ion: 78 Resp: 5503
Ion Ratio Lower Upper
78 100
77 22.0 18.3 27.5



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





#43

Isopropyl Acetate

Concen: 35.193 ug/l

RT: 8.27 min Scan# 2021

Delta R.T. 0.12 min

Lab File: VN057978.D

Acq: 12 Sep 2019 18:59

Instrument :

MSVOA_N

ClientSampleId :

IDW-GW200-B4-091119

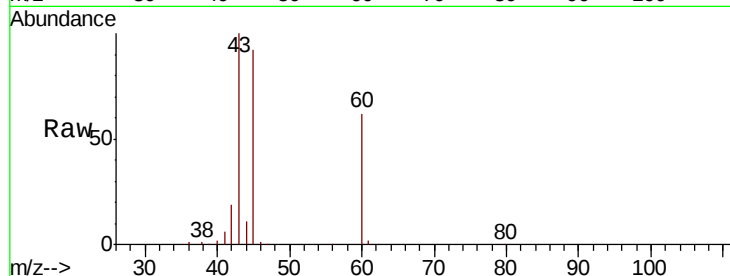
Tgt Ion: 43 Resp: 300006

Ion Ratio Lower Upper

43 100

61 0.0 20.1 30.1#

87 0.0 9.5 14.3#

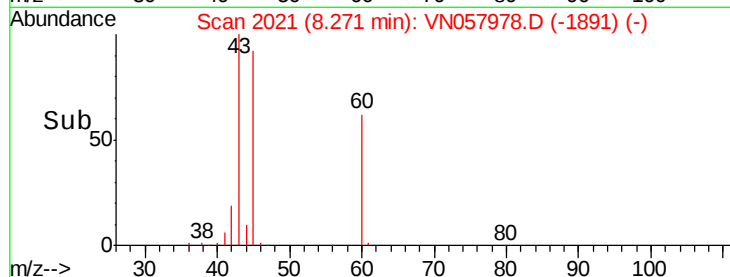


Abundance Ion 43.00 (42.70 to 43.70): VN057978.D (-2021) (-)

Ion 61.00 (60.70 to 61.70): VN057978.D (-2021) (-)

Ion 87.00 (86.70 to 87.70): VN057978.D (-2021) (-)

Time-->



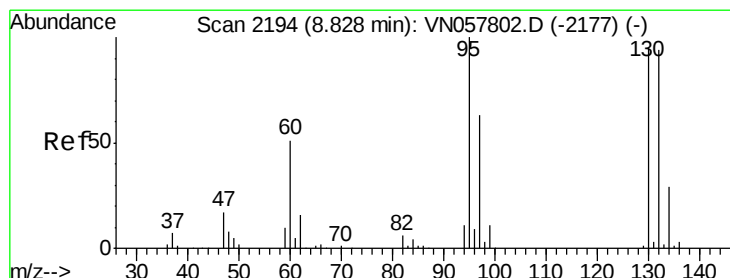
Abundance

Ion 43.00 (42.70 to 43.70): VN057978.D (-2021) (-)

Ion 61.00 (60.70 to 61.70): VN057978.D (-2021) (-)

Ion 87.00 (86.70 to 87.70): VN057978.D (-2021) (-)

Time-->



#44

Trichloroethene

Concen: 0.342 ug/l

RT: 8.83 min Scan# 2195

Delta R.T. 0.00 min

Lab File: VN057978.D

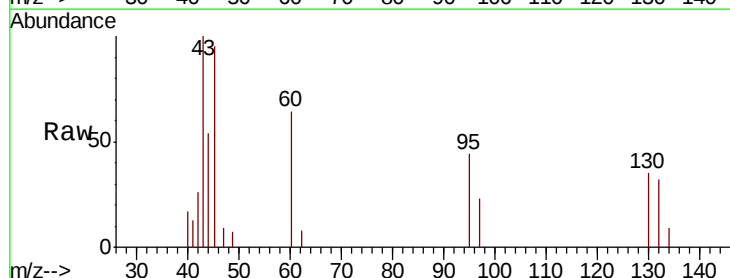
Acq: 12 Sep 2019 18:59

Tgt Ion: 130 Resp: 1240

Ion Ratio Lower Upper

130 100

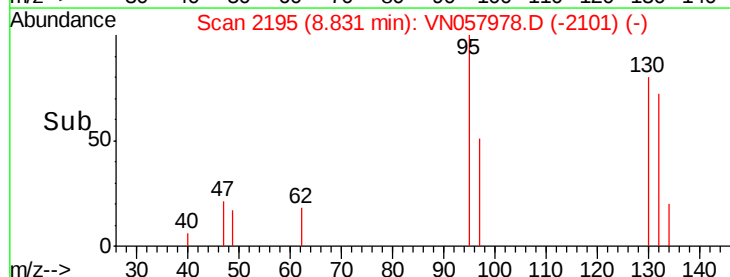
95 124.9 0.0 211.4



Abundance Ion 129.80 (129.50 to 130.50): VN057978.D (-2195) (-)

Ion 94.90 (94.60 to 95.60): VN057978.D (-2195) (-)

Time-->

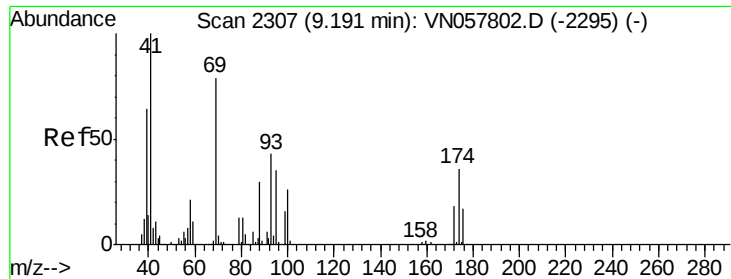


Abundance

Ion 129.80 (129.50 to 130.50): VN057978.D (-2195) (-)

Ion 94.90 (94.60 to 95.60): VN057978.D (-2195) (-)

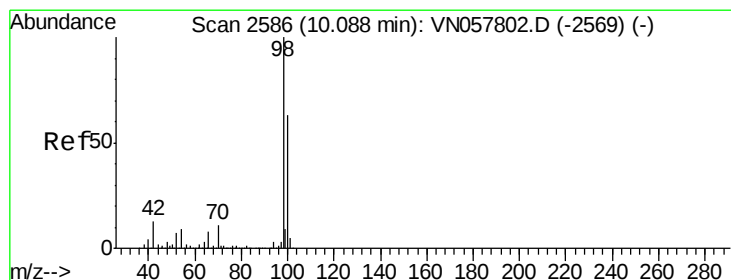
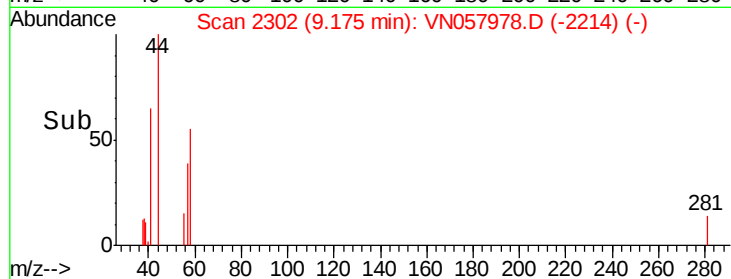
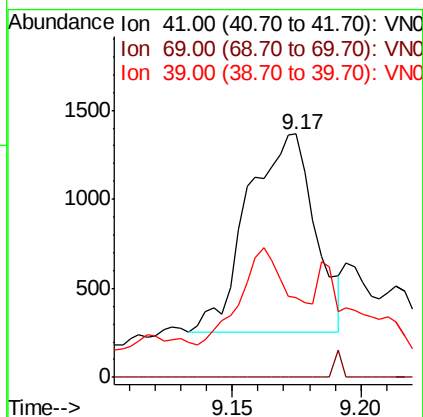
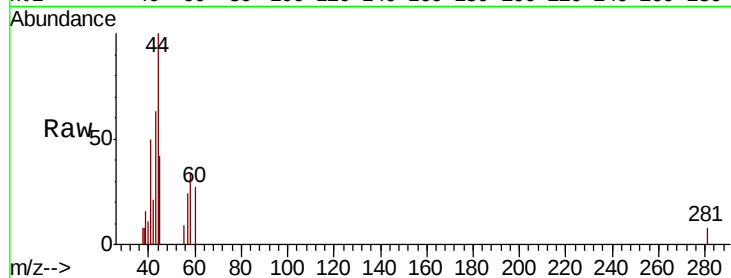
Time-->



#48
Methyl methacrylate
Concen: 0.469 ug/l
RT: 9.17 min Scan# 2302
Delta R.T. -0.02 min
Lab File: VN057978.D
Acq: 12 Sep 2019 18:59

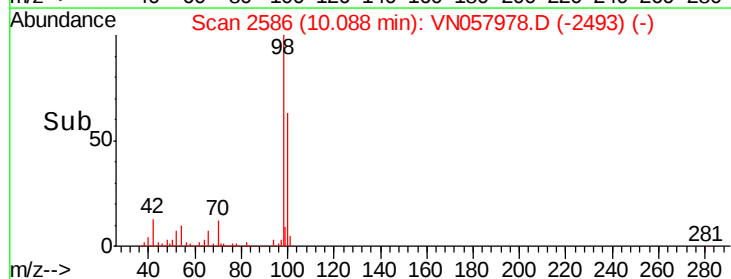
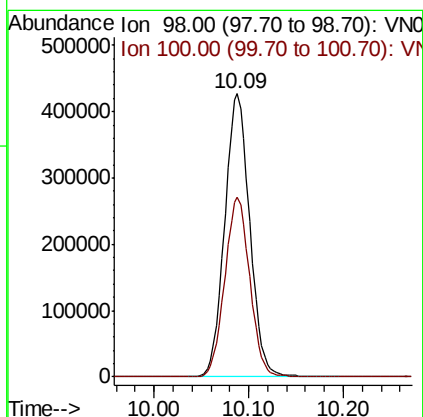
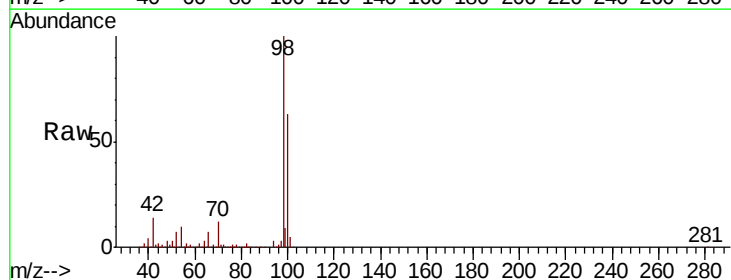
Instrument :
MSVOA_N
ClientSampleId :
IDW-GW200-B4-091119

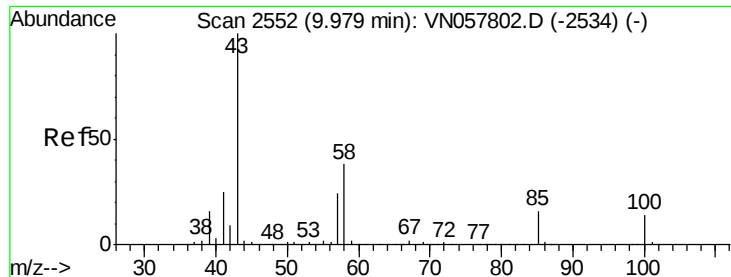
Tgt Ion: 41 Resp: 2030
Ion Ratio Lower Upper
41 100
69 1.4 62.7 94.1#
39 26.8 52.7 79.1#



#50
Toluene-d8
Concen: 51.723 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN057978.D
Acq: 12 Sep 2019 18:59

Tgt Ion: 98 Resp: 784112
Ion Ratio Lower Upper
98 100
100 63.4 50.3 75.5





#51

4-Methyl-2-Pentanone

Concen: 1.779 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN057978.D

Acq: 12 Sep 2019 18:59

Instrument :

MSVOA_N

ClientSampleId :

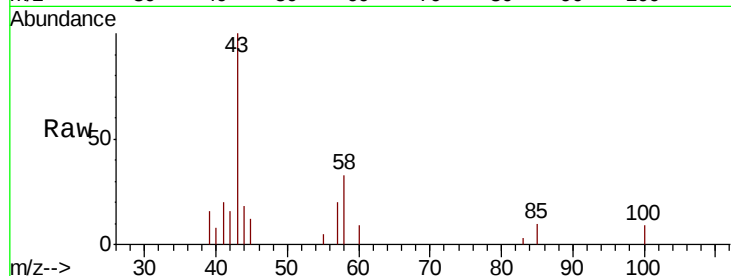
IDW-GW200-B4-091119

Tgt Ion: 43 Resp: 8975

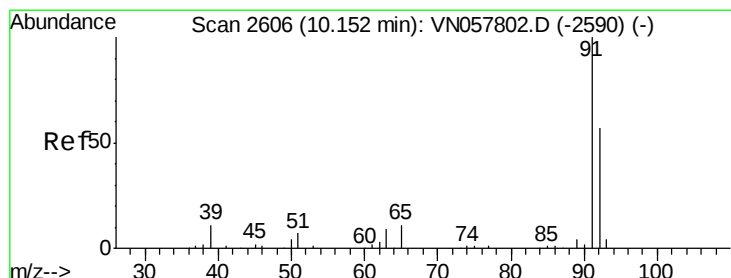
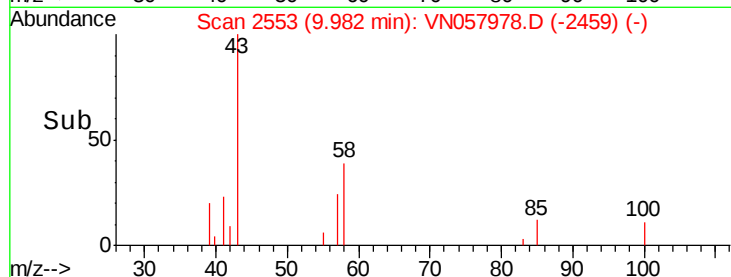
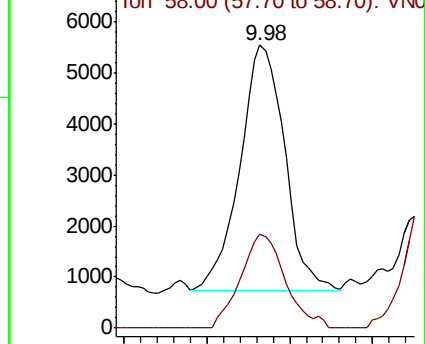
Ion Ratio Lower Upper

43 100

58 38.5 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-2534) (-)



#52

Toluene

Concen: 0.909 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN057978.D

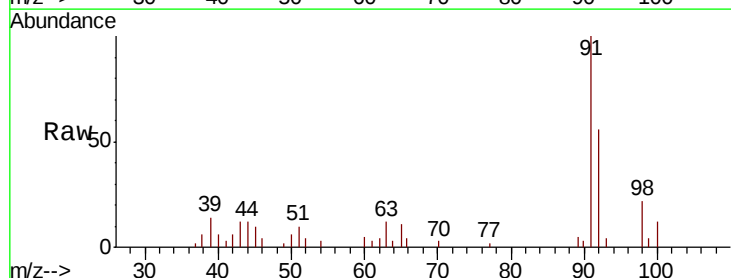
Acq: 12 Sep 2019 18:59

Tgt Ion: 92 Resp: 8456

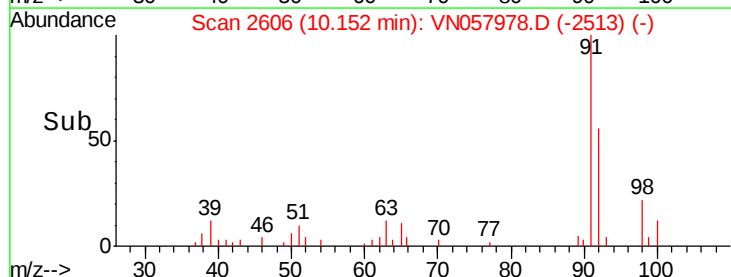
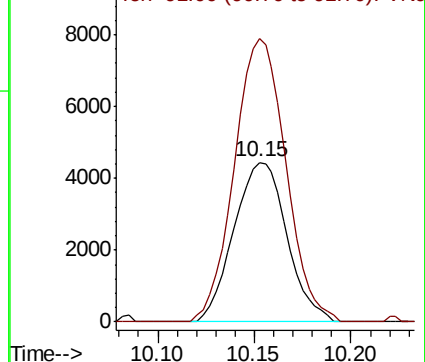
Ion Ratio Lower Upper

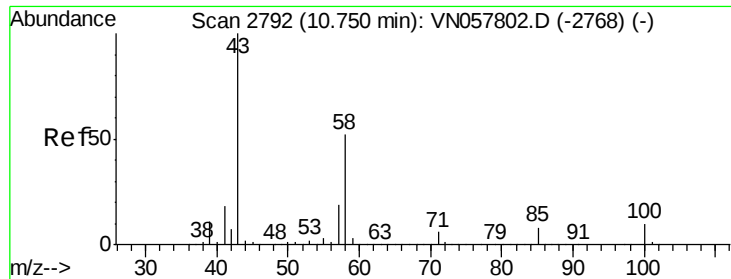
92 100

91 172.5 141.0 211.6



Abundance Ion 92.00 (91.70 to 92.70): VN057802.D (-2590) (-)

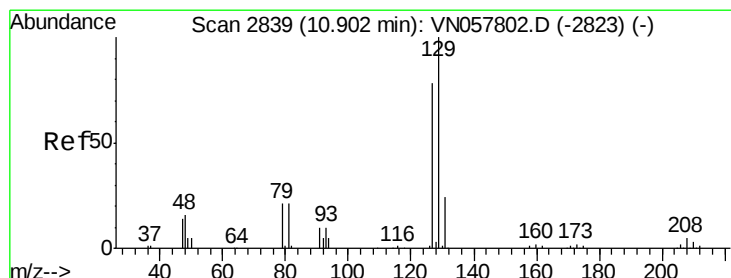
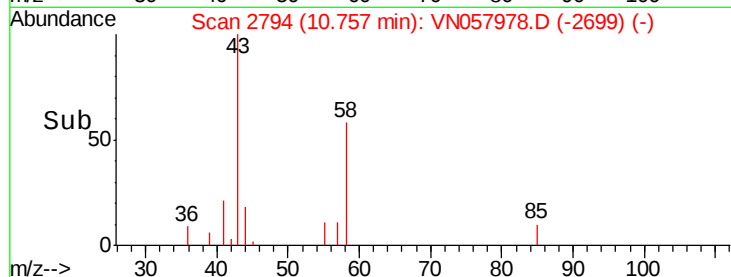
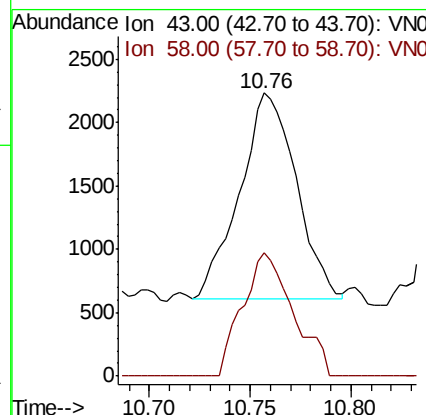
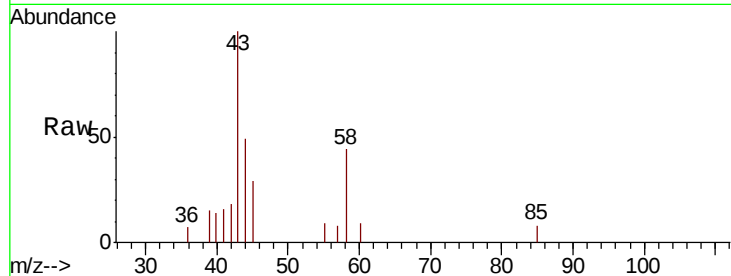




#59
2-Hexanone
Concen: 0.837 ug/l
RT: 10.76 min Scan# 2794
Delta R.T. 0.01 min
Lab File: VN057978.D
Acq: 12 Sep 2019 18:59

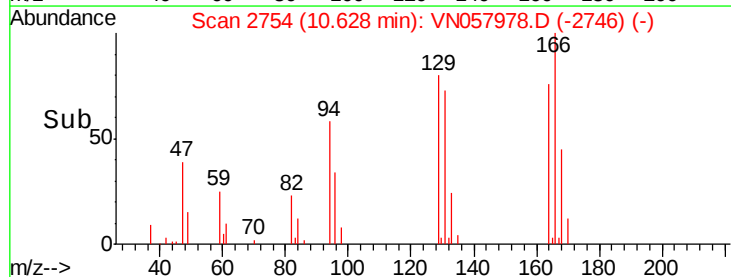
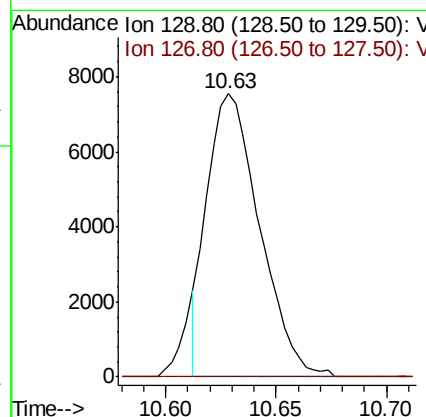
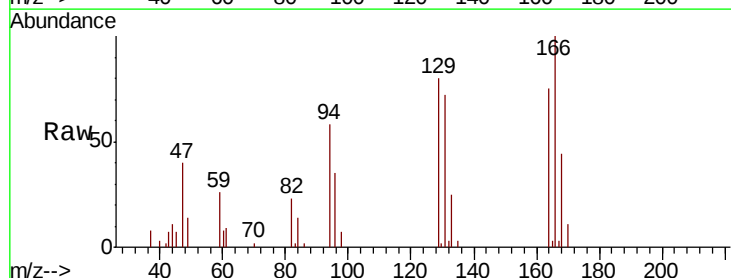
Instrument :
MSVOA_N
ClientSampleId :
IDW-GW200-B4-091119

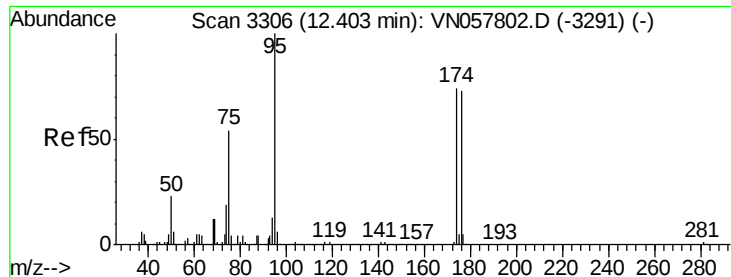
Tgt Ion: 43 Resp: 3166
Ion Ratio Lower Upper
43 100
58 53.8 25.6 76.8



#60
Dibromochloromethane
Concen: 3.390 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.27 min
Lab File: VN057978.D
Acq: 12 Sep 2019 18:59

Tgt Ion: 129 Resp: 12405
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#





#62

4-Bromofluorobenzene

Concen: 46.662 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN057978.D

Acq: 12 Sep 2019 18:59

Instrument :

MSVOA_N

ClientSampleId :

IDW-GW200-B4-091119

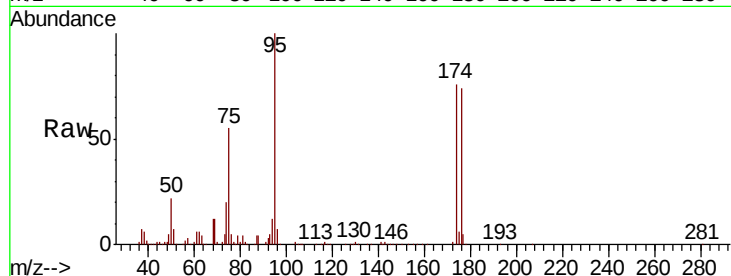
Tgt Ion: 95 Resp: 269574

Ion Ratio Lower Upper

95 100

174 74.7 0.0 150.2

176 73.1 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN057802.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN057802.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN057802.D (-3291) (-)

12.41

150000

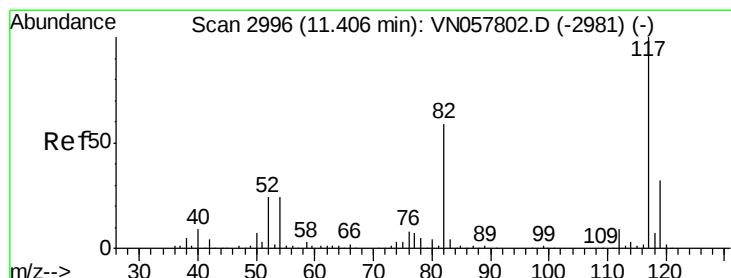
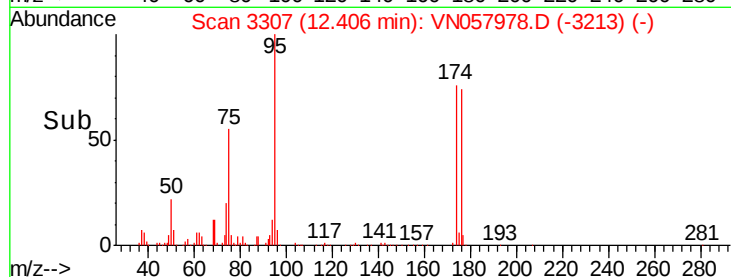
100000

50000

0

12.35 12.40 12.45

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN057978.D

Acq: 12 Sep 2019 18:59

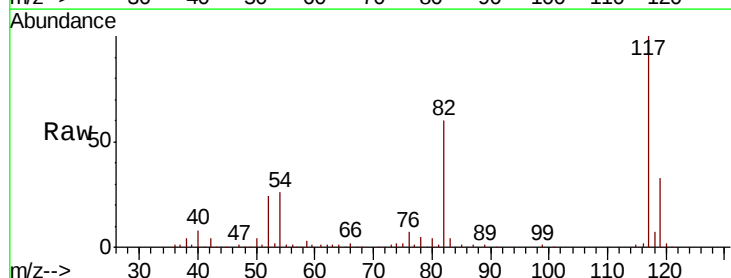
Tgt Ion: 117 Resp: 376161

Ion Ratio Lower Upper

117 100

82 60.2 47.2 70.8

119 32.6 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): VN057802.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN057802.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN057802.D (-2981) (-)

11.41

300000

250000

200000

150000

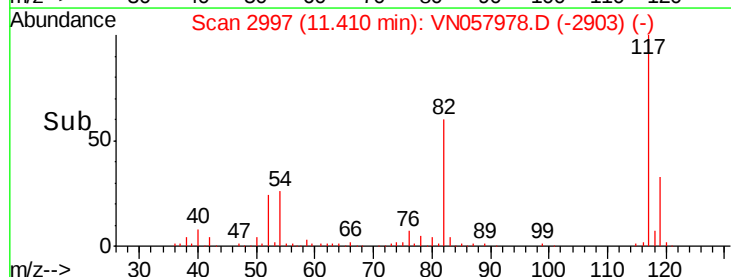
100000

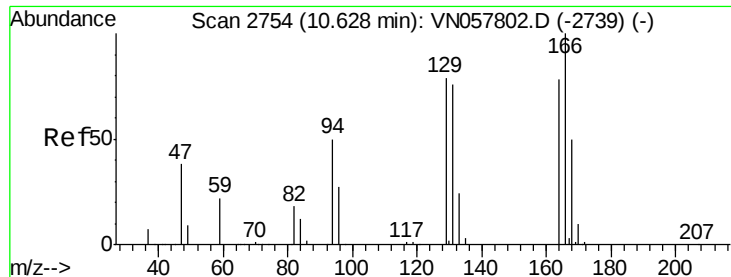
50000

0

11.30 11.40 11.50

Time-->





#64

Tetrachloroethene

Concen: 4.832 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN057978.D

Acq: 12 Sep 2019 18:59

Instrument :

MSVOA_N

ClientSampleId :

IDW-GW200-B4-091119

Tgt Ion:164 Resp: 13419

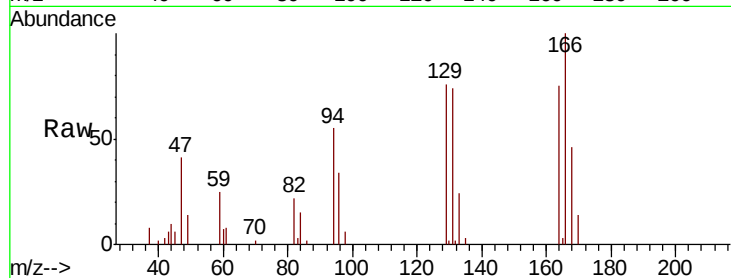
Ion Ratio Lower Upper

164 100

166 133.0 102.2 153.2

129 100.6 80.8 121.2

131 98.1 77.4 116.2

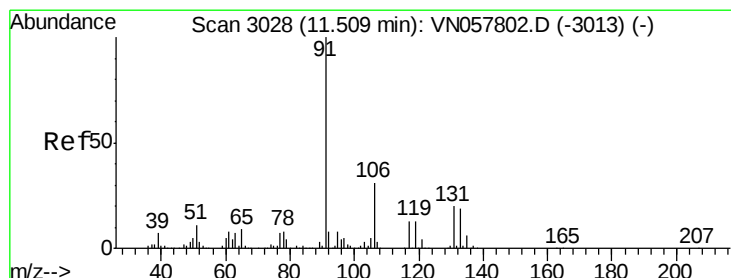
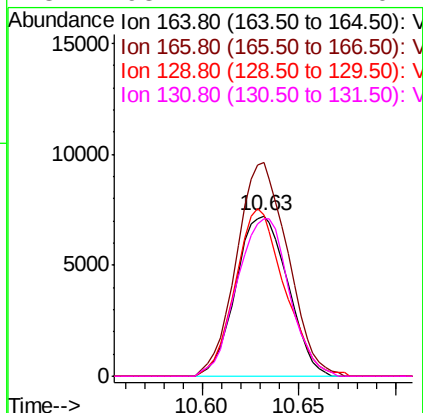
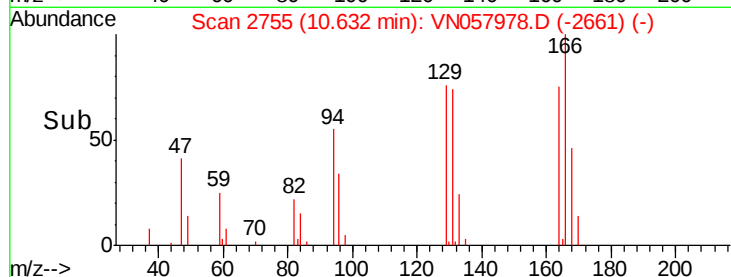


Abundance Ion 163.80 (163.50 to 164.50): V

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



#67

Ethyl Benzene

Concen: 0.455 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN057978.D

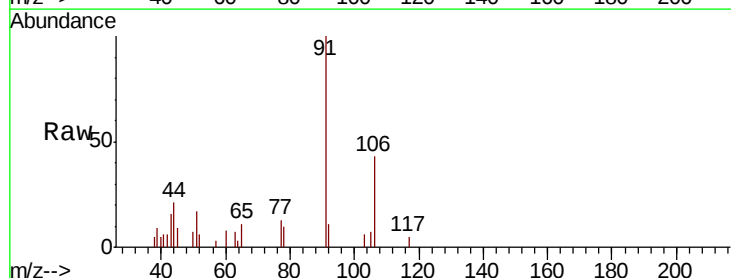
Acq: 12 Sep 2019 18:59

Tgt Ion: 91 Resp: 7852

Ion Ratio Lower Upper

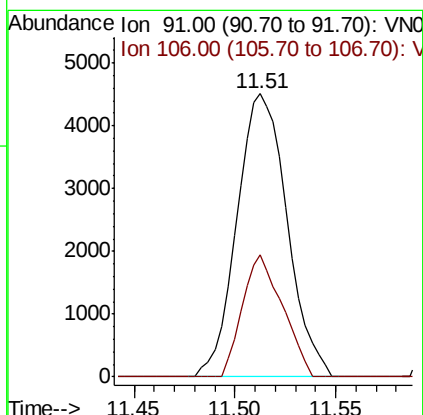
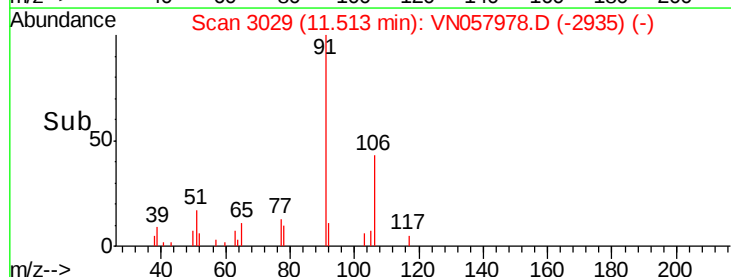
91 100

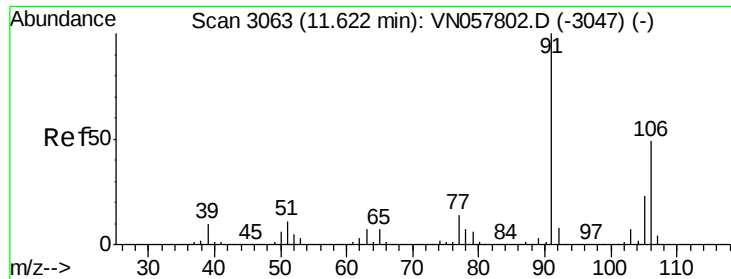
106 43.2 24.4 36.6#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

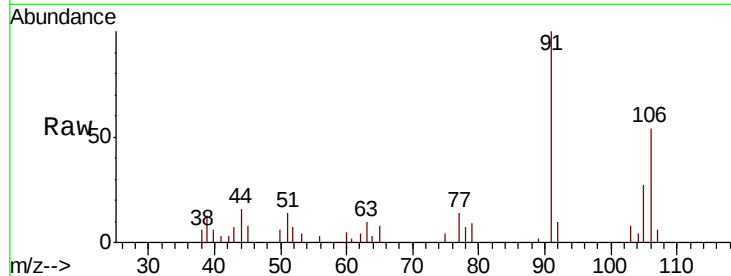




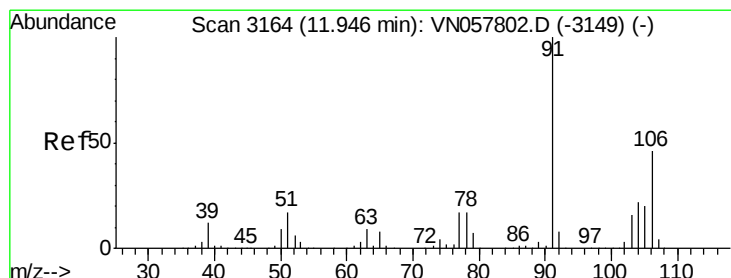
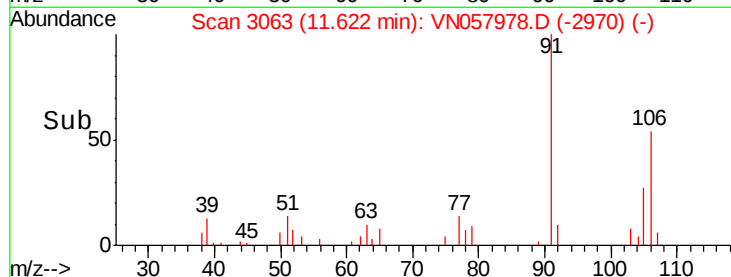
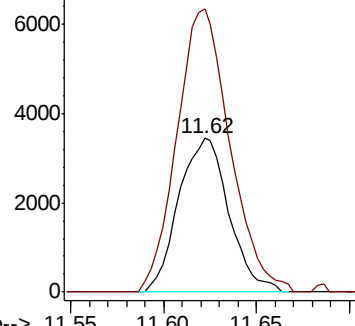
#68
m/p-Xylenes
Concen: 1.024 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN057978.D
Acq: 12 Sep 2019 18:59

Instrument :
MSVOA_N
ClientSampleId :
IDW-GW200-B4-091119

Tgt Ion:106 Resp: 6469
Ion Ratio Lower Upper
106 100
91 194.4 165.8 248.6

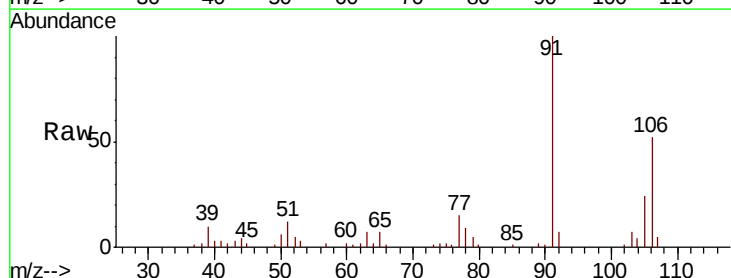


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

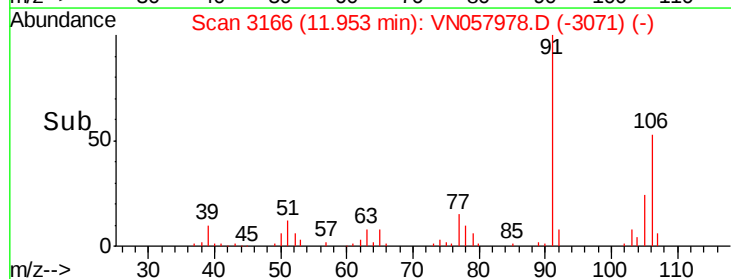
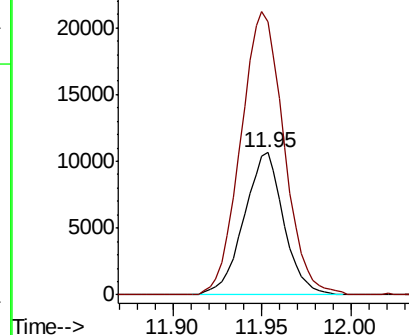


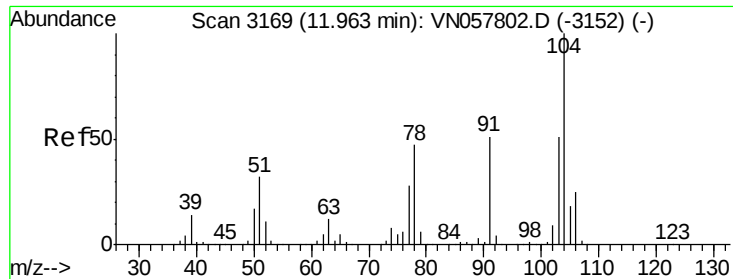
#69
o-Xylene
Concen: 2.622 ug/l
RT: 11.95 min Scan# 3166
Delta R.T. 0.01 min
Lab File: VN057978.D
Acq: 12 Sep 2019 18:59

Tgt Ion:106 Resp: 16475
Ion Ratio Lower Upper
106 100
91 216.4 108.7 326.1



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

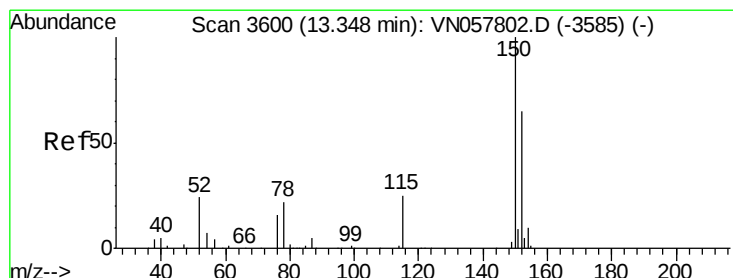
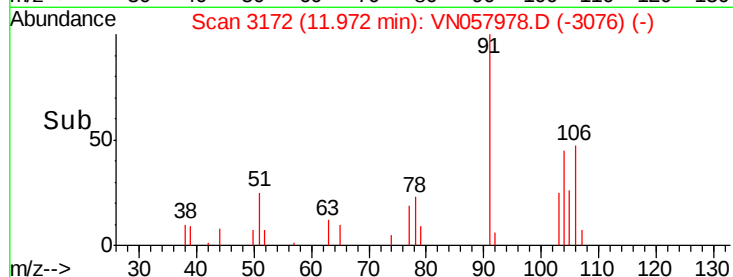
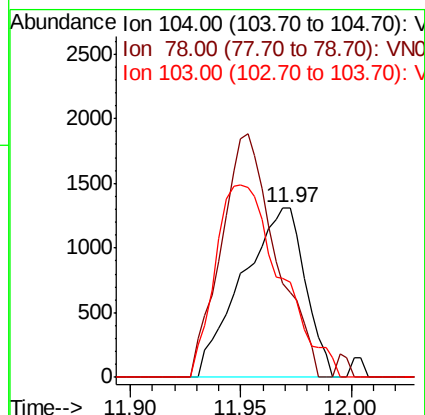
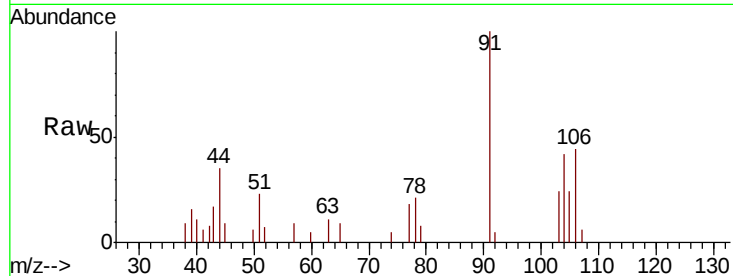




#70
Styrene
Concen: 0.239 ug/l
RT: 11.97 min Scan# 3172
Delta R.T. 0.01 min
Lab File: VN057978.D
Acq: 12 Sep 2019 18:59

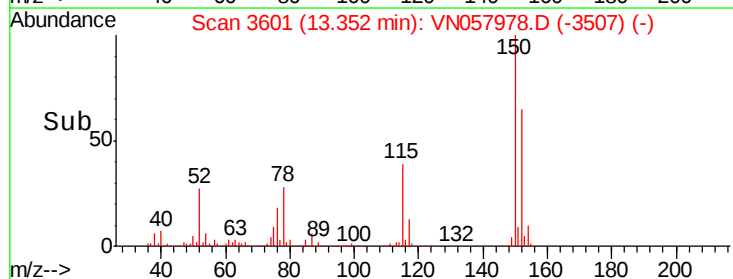
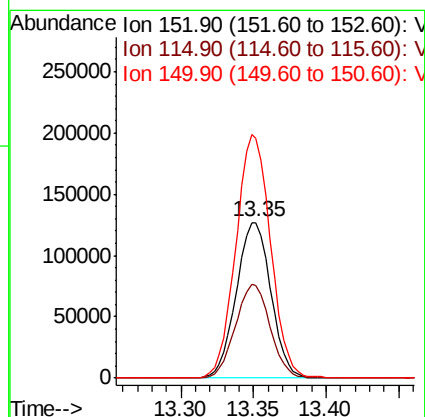
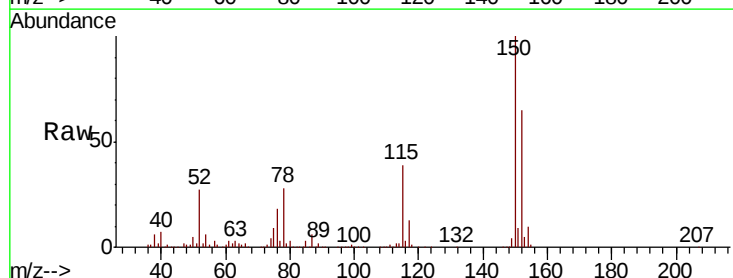
Instrument :
MSVOA_N
ClientSampleId :
IDW-GW200-B4-091119

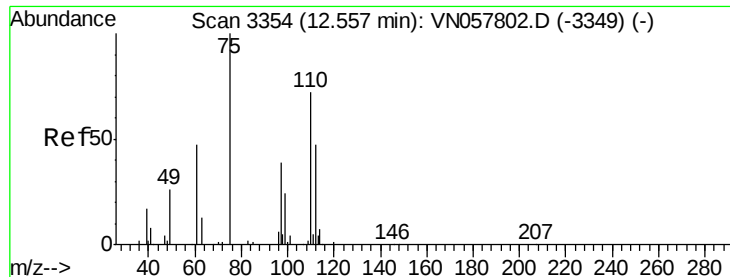
Tgt Ion: 104 Resp: 2587
Ion Ratio Lower Upper
104 100
78 0.0 41.3 61.9#
103 0.0 43.7 65.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN057978.D
Acq: 12 Sep 2019 18:59

Tgt Ion: 152 Resp: 211483
Ion Ratio Lower Upper
152 100
115 60.1 30.3 91.0
150 156.4 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 30.987 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN057978.D

Acq: 12 Sep 2019 18:59

Instrument :

MSVOA_N

ClientSampleId :

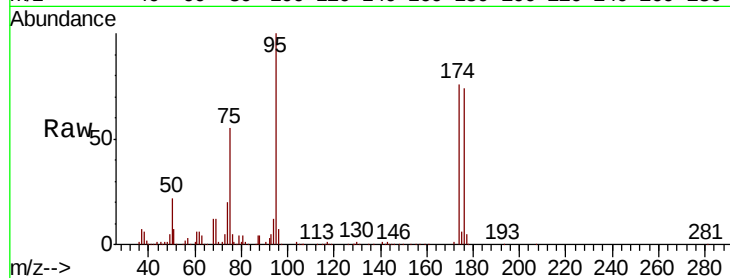
IDW-GW200-B4-091119

Tgt Ion: 75 Resp: 148243

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.41

100000

80000

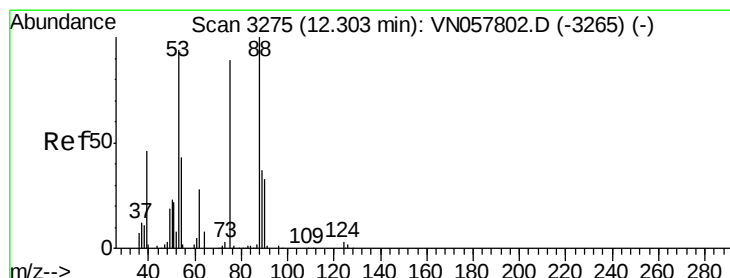
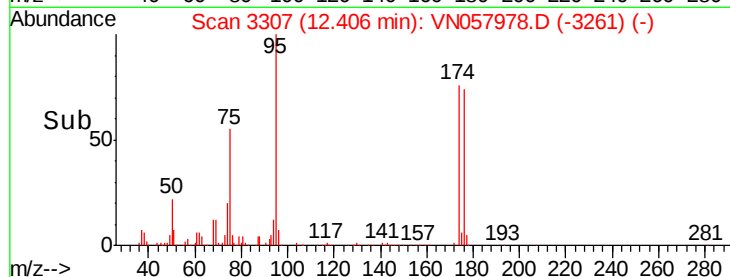
60000

40000

20000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 109.042 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN057978.D

Acq: 12 Sep 2019 18:59

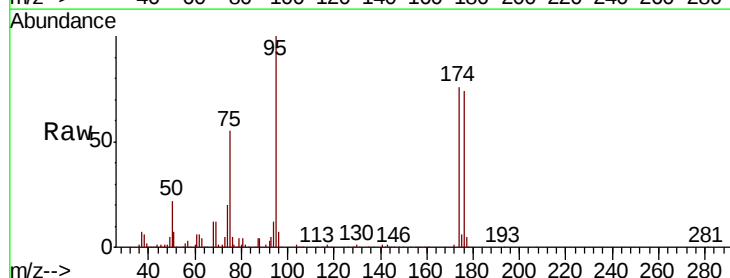
Tgt Ion: 75 Resp: 148243

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 35.3 52.9#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

120000

100000

80000

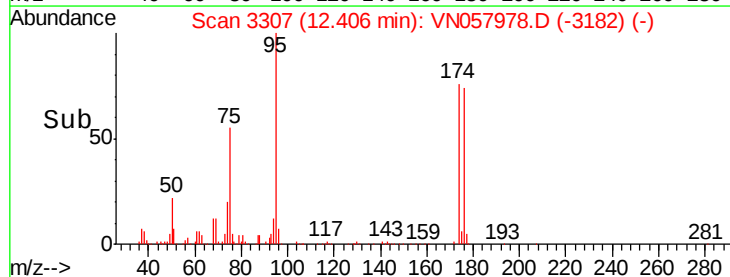
60000

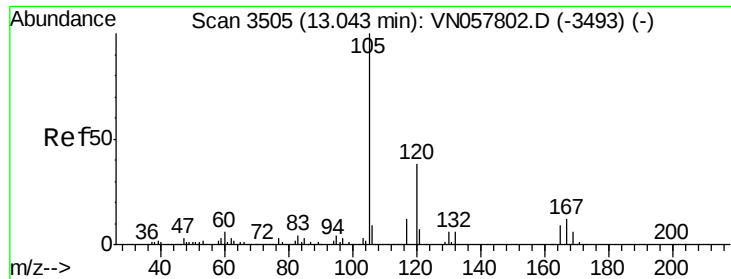
40000

20000

0

Time-->

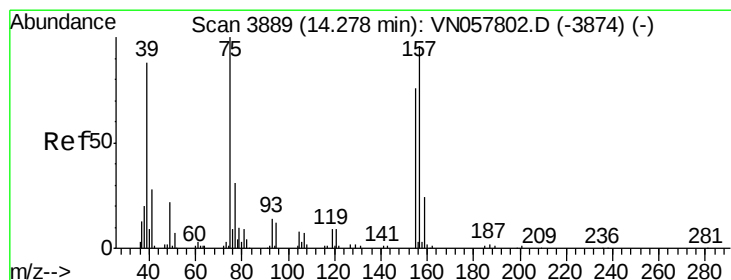
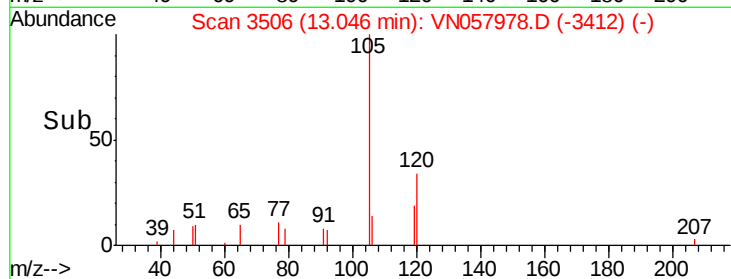
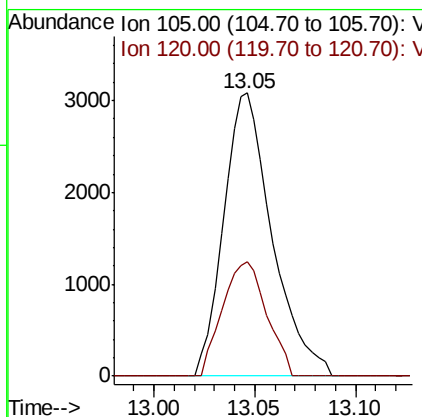
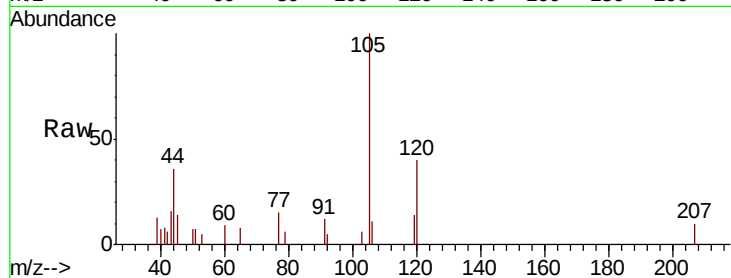




#84
 1,2,4-Trimethylbenzene
 Concen: 0.366 ug/l
 RT: 13.05 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN057978.D
 Acq: 12 Sep 2019 18:59

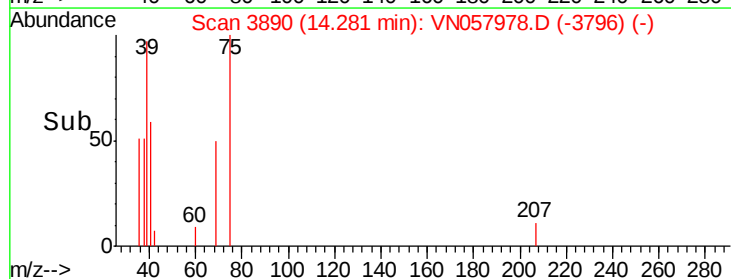
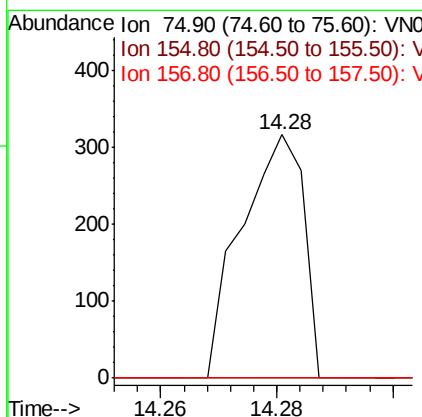
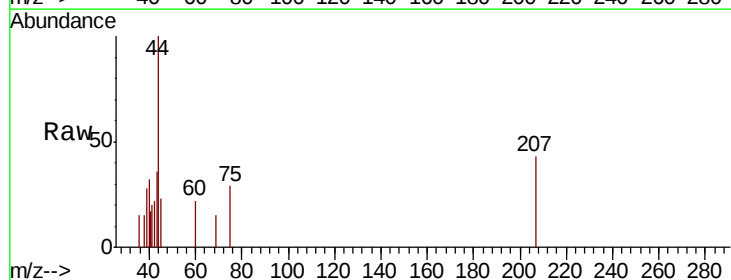
Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-GW200-B4-091119

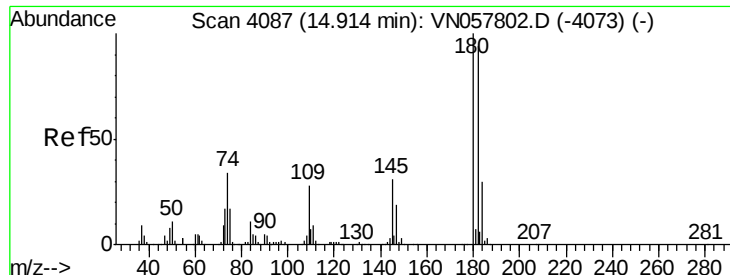
Tgt Ion: 105 Resp: 5156
 Ion Ratio Lower Upper
 105 100
 120 36.8 22.4 67.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.258 ug/l
 RT: 14.28 min Scan# 3890
 Delta R.T. 0.00 min
 Lab File: VN057978.D
 Acq: 12 Sep 2019 18:59

Tgt Ion: 75 Resp: 235
 Ion Ratio Lower Upper
 75 100
 155 0.0 37.3 111.8#
 157 0.0 47.9 143.8#

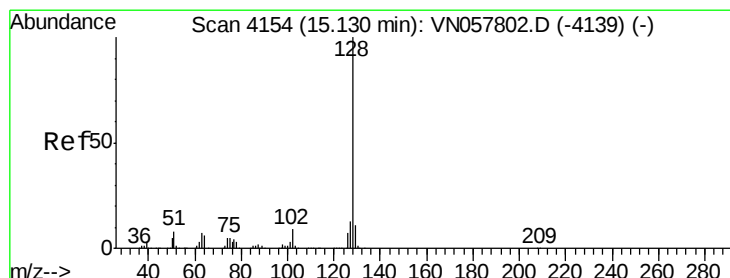
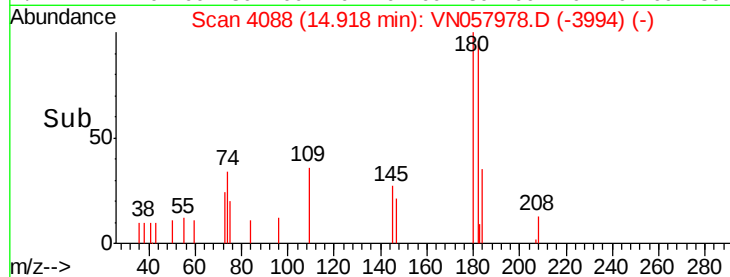
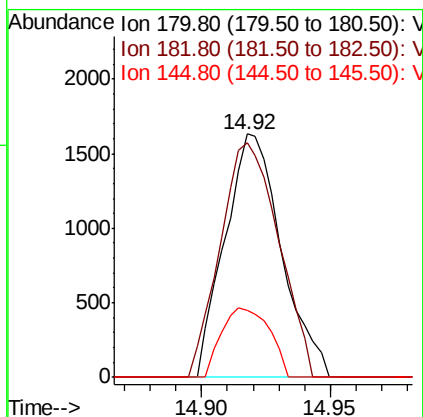
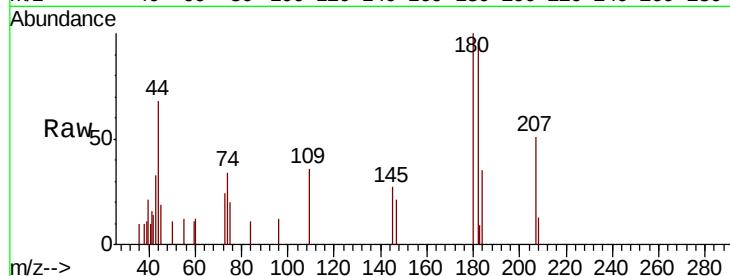




#93
 1,2,4-Trichlorobenzene
 Concen: 0.509 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN057978.D
 Acq: 12 Sep 2019 18:59

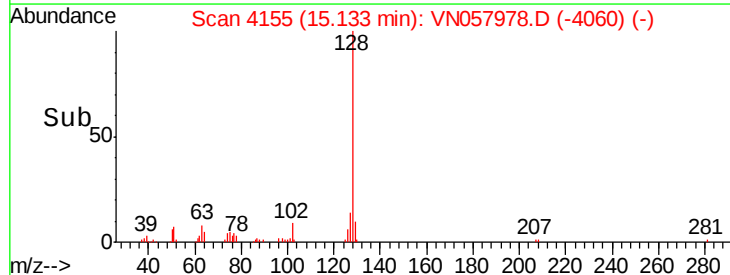
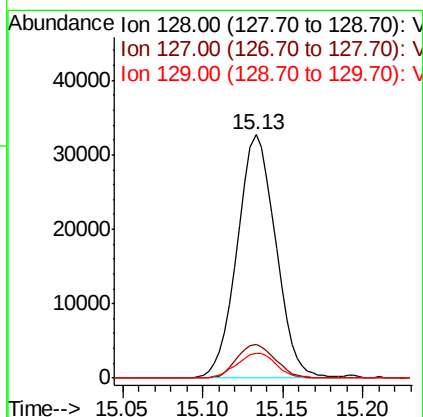
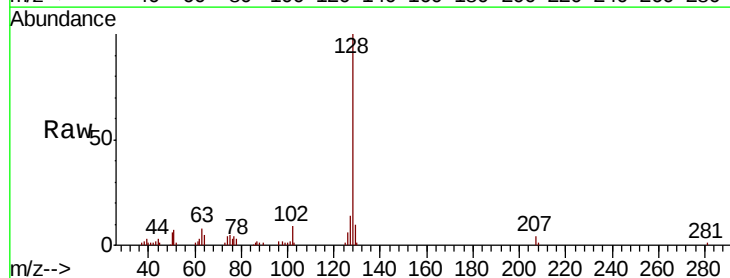
Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-GW200-B4-091119

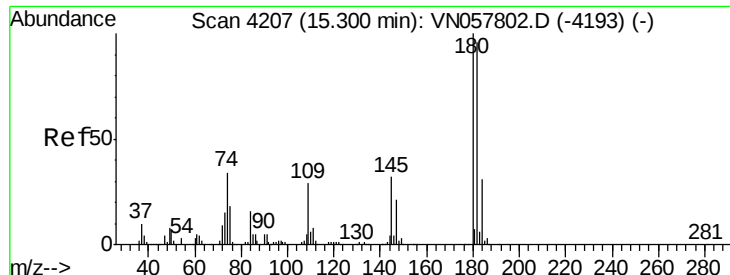
Tgt Ion:180 Resp: 2496
 Ion Ratio Lower Upper
 180 100
 182 99.4 46.9 140.8
 145 24.1 14.9 44.7



#95
 Naphthalene
 Concen: 2.856 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN057978.D
 Acq: 12 Sep 2019 18:59

Tgt Ion:128 Resp: 53699
 Ion Ratio Lower Upper
 128 100
 127 13.6 10.3 15.5
 129 10.6 8.6 12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 1.723 ug/l
 RT: 15.30 min Scan# 4208
 Delta R.T. 0.00 min
 Lab File: VN057978.D
 Acq: 12 Sep 2019 18:59

Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-GW200-B4-091119

Tgt Ion	Ratio	Lower	Upper
180	100		
182	85.3	48.3	144.8
145	25.5	16.3	48.8

