

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020321\
 Data File : VX020835.D
 Acq On : 03 Feb 2021 13:09
 Operator : JC/SP
 Sample : M1289-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 152140-MW-2S(OFFSITE)

Quant Time: Feb 04 02:21:22 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:38:15 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

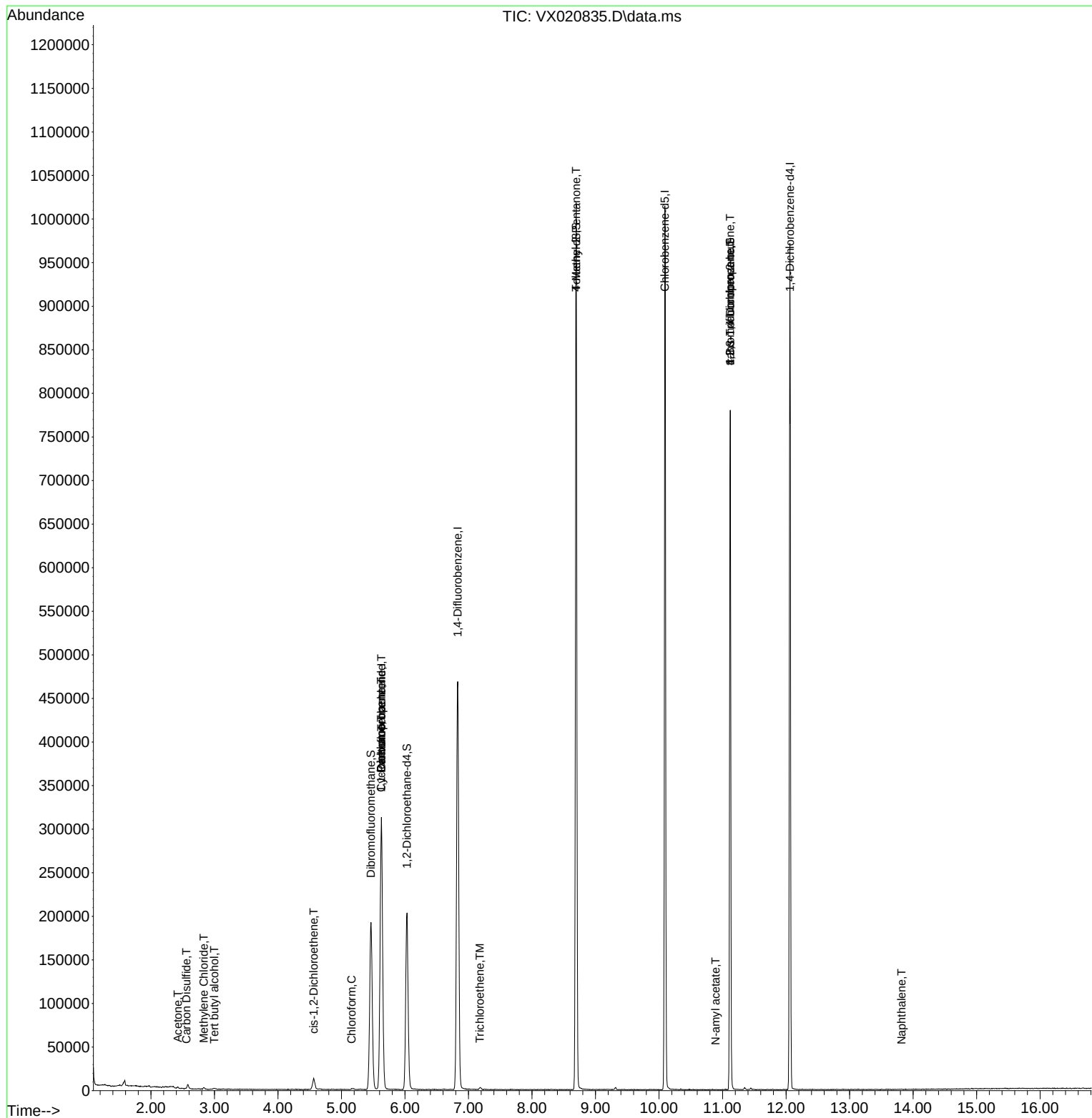
Internal Standards						
1) Pentafluorobenzene	5.629	168	285199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	488264	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	476092	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	203782	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	195682	50.30	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.60%			
35) Dibromofluoromethane	5.464	113	169192	50.59	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.18%			
50) Toluene-d8	8.695	98	600128	48.95	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.90%			
62) 4-Bromofluorobenzene	11.122	95	211858	44.49	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 88.98%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.995	59	901	1.24	ug/l #	73
16) Acetone	2.422	43	2067	1.40	ug/l	100
17) Carbon Disulfide	2.556	76	594	0.97	ug/l #	75
20) Methylene Chloride	2.831	84	830	0.22	ug/l #	90
27) cis-1,2-Dichloroethene	4.562	96	8034	2.14	ug/l	87
30) Chloroform	5.160	83	1404	0.23	ug/l	87
31) Cyclohexane	5.623	56	5672	1.08	ug/l #	13
36) 1,1-Dichloropropene	5.623	75	21269	4.34	ug/l #	50
38) Carbon Tetrachloride	5.629	117	29586	5.74	ug/l #	17
44) Trichloroethene	7.177	130	1099	0.29	ug/l	65
51) 4-Methyl-2-Pentanone	8.695	43	2230	0.48	ug/l #	1
74) N-amyl acetate	10.890	43	23	2.02	ug/l #	38
76) 1,2,3-Trichloropropane	11.122	75	104899	22.19	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	104899	62.20	ug/l #	12
95) Naphthalene	13.817	128	271	2.89	ug/l #	80

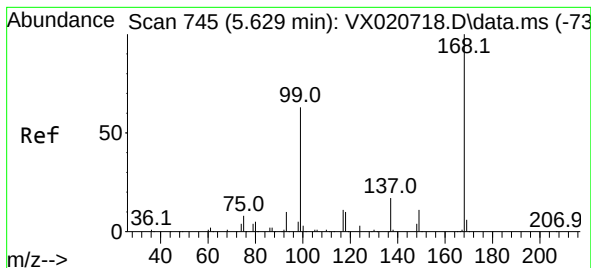
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.629 min Scan# 745

Delta R.T. -0.000 min

Lab File: VX020835.D

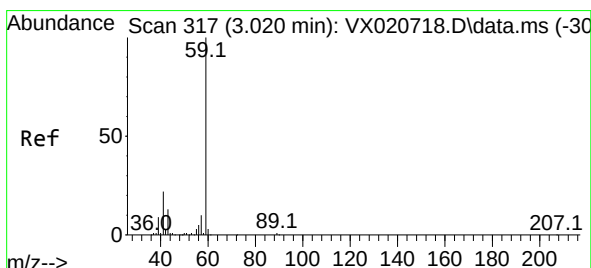
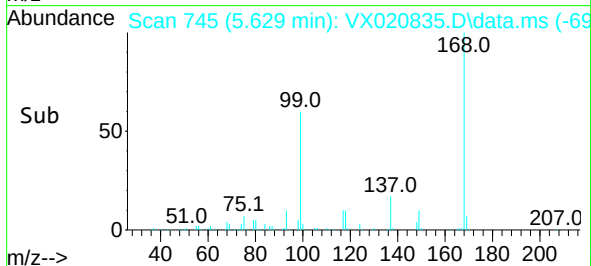
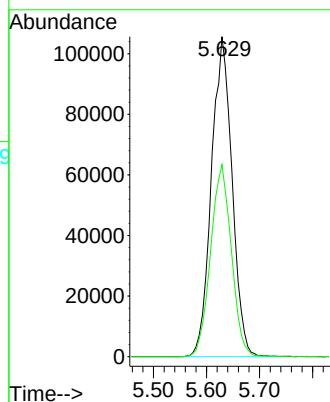
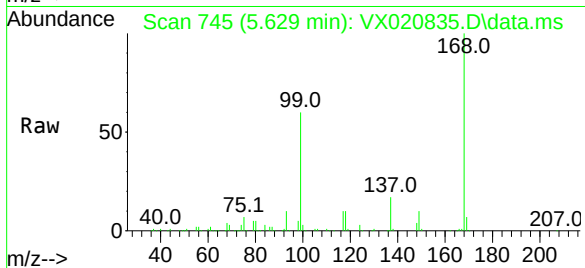
Acq: 03 Feb 2021 13:09

Tgt Ion:168 Resp: 285199

Ion Ratio Lower Upper

168 100

99 60.1 45.8 68.6



#11

Tert butyl alcohol

Concen: 1.24 ug/l

RT: 2.995 min Scan# 313

Delta R.T. -0.025 min

Lab File: VX020835.D

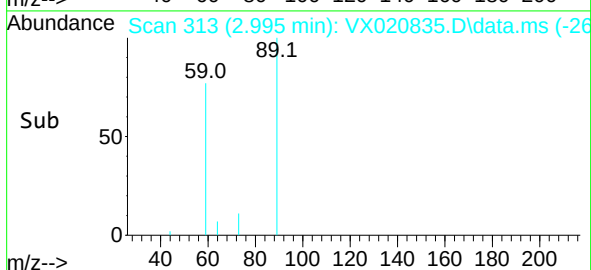
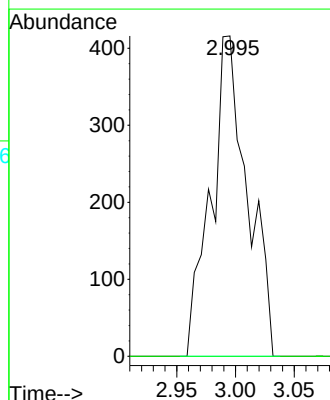
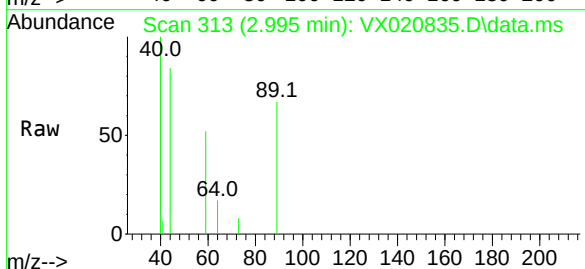
Acq: 03 Feb 2021 13:09

Tgt Ion: 59 Resp: 901

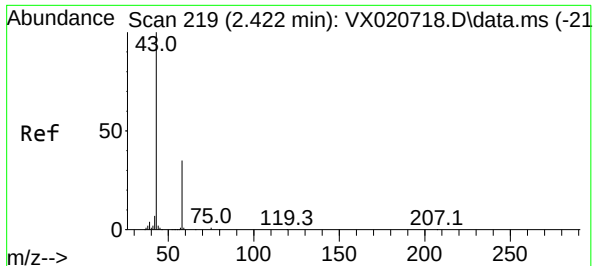
Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



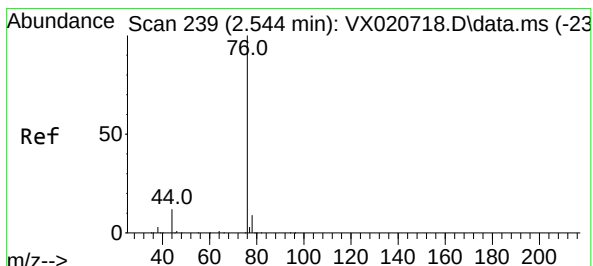
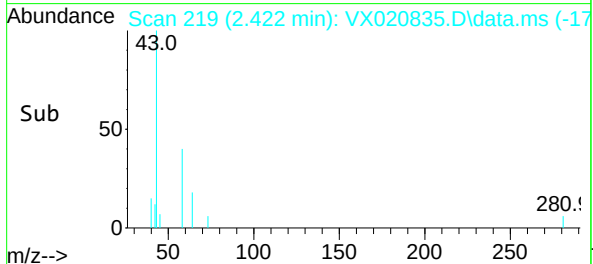
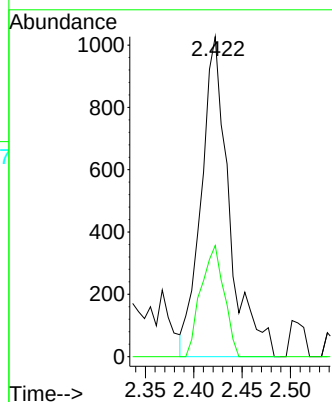
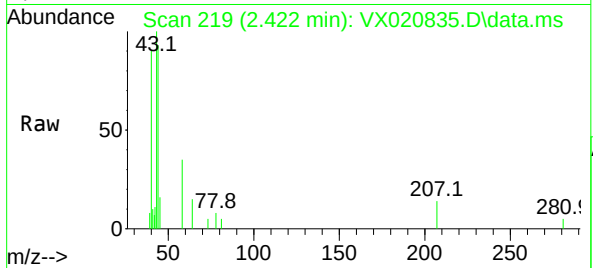
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-2S(OFFSITE)



#16
Acetone
Concen: 1.40 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX020835.D
Acq: 03 Feb 2021 13:09

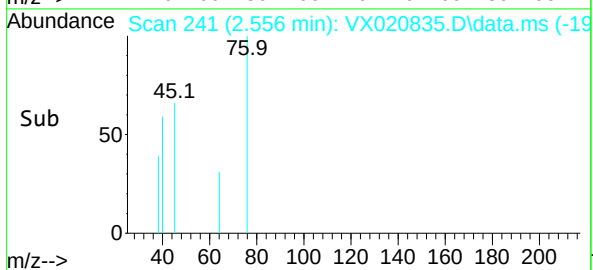
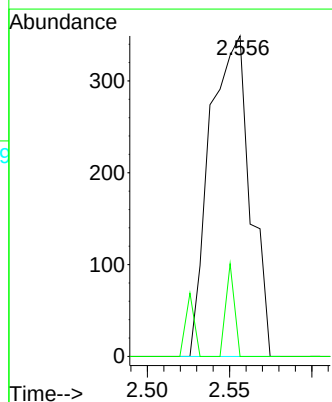
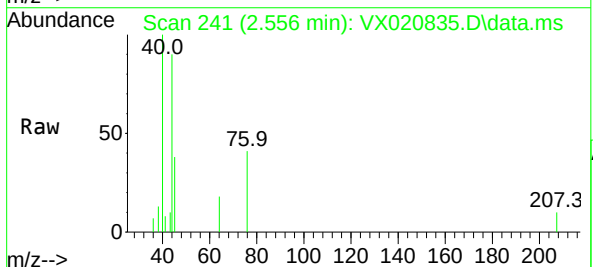
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-2S(OFFSITE)

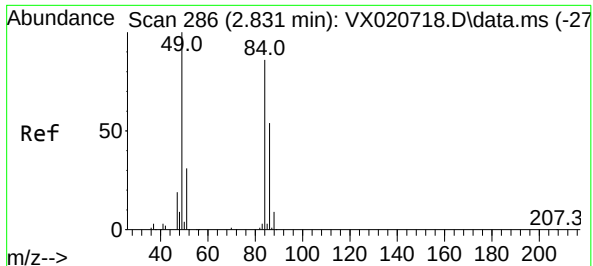
Tgt Ion: 43 Resp: 2067
Ion Ratio Lower Upper
43 100
58 34.8 27.8 41.8



#17
Carbon Disulfide
Concen: 0.97 ug/l
RT: 2.556 min Scan# 241
Delta R.T. 0.012 min
Lab File: VX020835.D
Acq: 03 Feb 2021 13:09

Tgt Ion: 76 Resp: 594
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: 0.22 ug/l

RT: 2.831 min Scan# 286

Delta R.T. -0.000 min

Lab File: VX020835.D

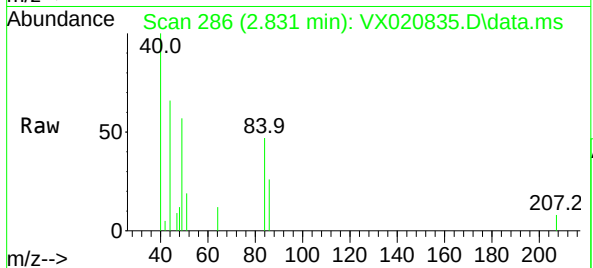
Acq: 03 Feb 2021 13:09

Instrument :

MSVOA_X

ClientSampleId :

152140-MW-2S(OFFSITE)



Tgt Ion: 84 Resp: 830

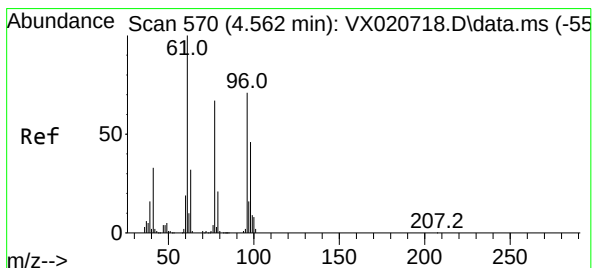
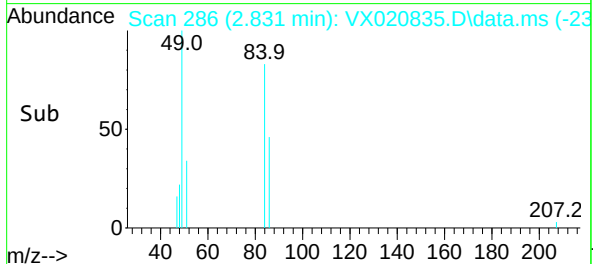
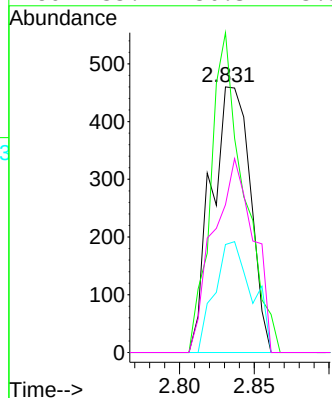
Ion Ratio Lower Upper

84 100

49 120.4 88.6 132.8

51 40.7 27.0 40.6#

86 55.7 50.3 75.5



#27

cis-1,2-Dichloroethene

Concen: 2.14 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.000 min

Lab File: VX020835.D

Acq: 03 Feb 2021 13:09

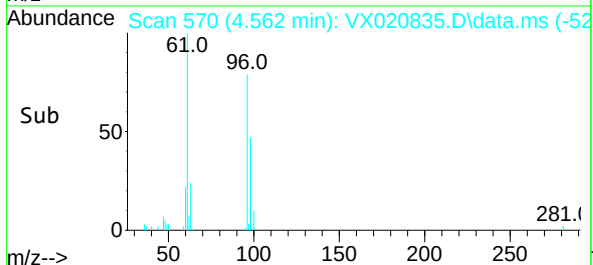
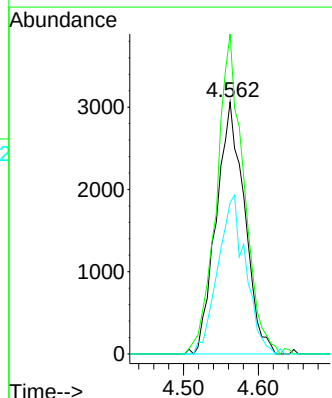
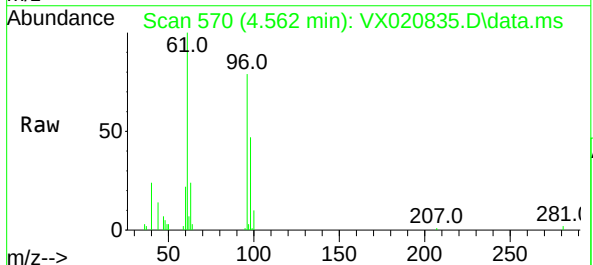
Tgt Ion: 96 Resp: 8034

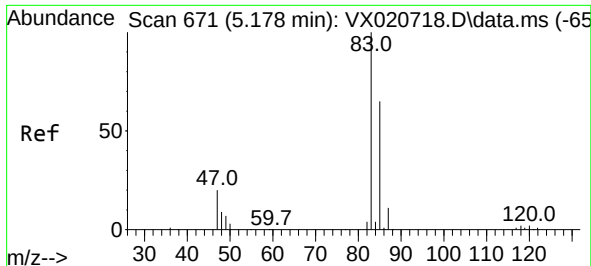
Ion Ratio Lower Upper

96 100

61 121.9 0.0 285.6

98 62.1 0.0 129.6





#30

Chloroform

Concen: 0.23 ug/l

RT: 5.160 min Scan# 668

Delta R.T. -0.018 min

Lab File: VX020835.D

Acq: 03 Feb 2021 13:09

Tgt Ion: 83 Resp: 1404

Ion Ratio Lower Upper

83 100

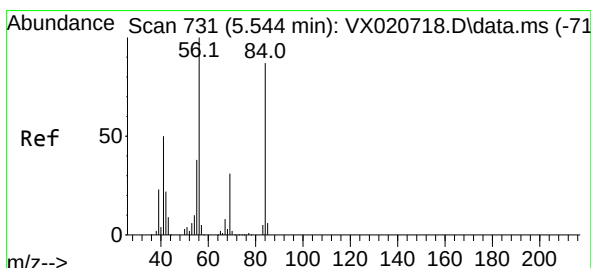
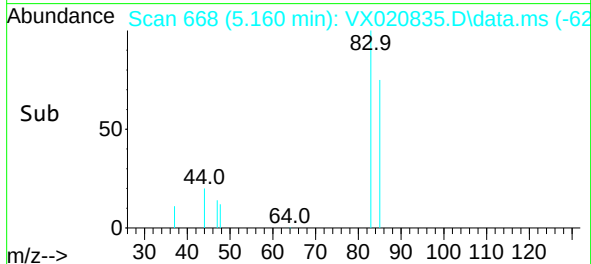
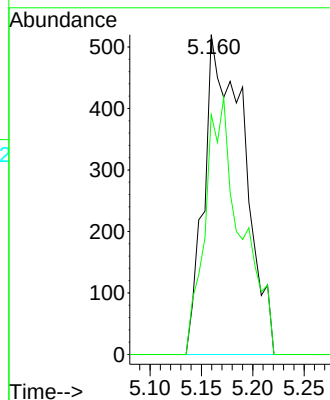
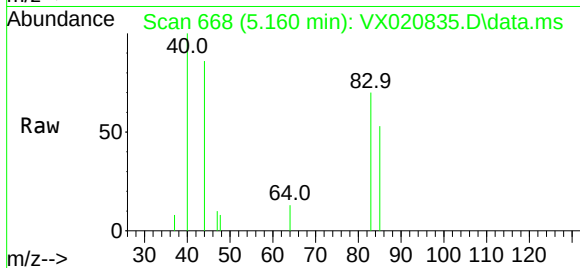
85 75.0 52.0 78.0

Instrument :

MSVOA_X

ClientSampleId :

152140-MW-2S(OFFSITE)



#31

Cyclohexane

Concen: 1.08 ug/l

RT: 5.623 min Scan# 744

Delta R.T. 0.079 min

Lab File: VX020835.D

Acq: 03 Feb 2021 13:09

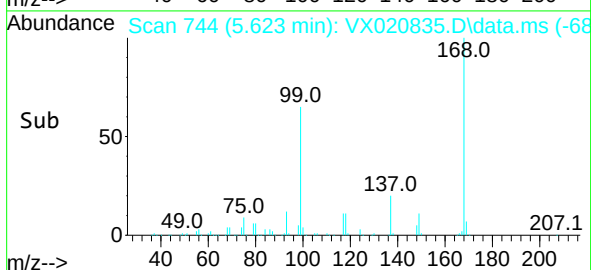
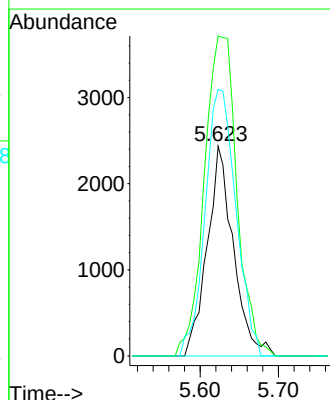
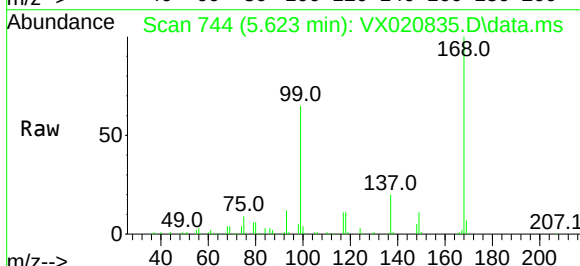
Tgt Ion: 56 Resp: 5672

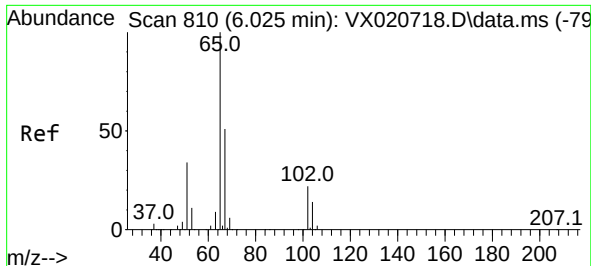
Ion Ratio Lower Upper

56 100

69 152.6 25.3 37.9#

84 127.1 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 50.30 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020835.D

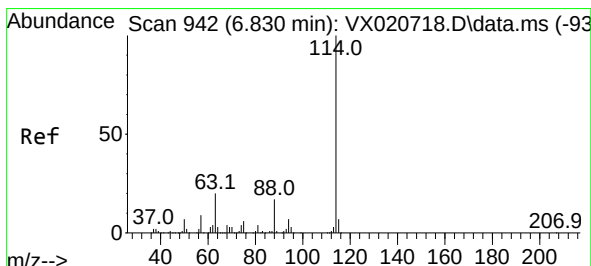
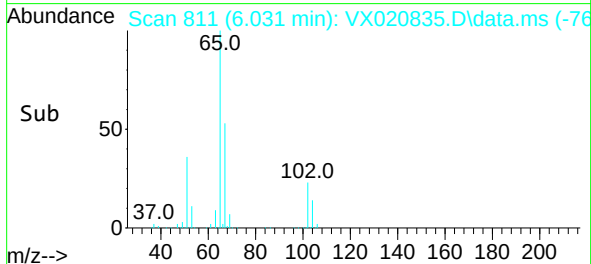
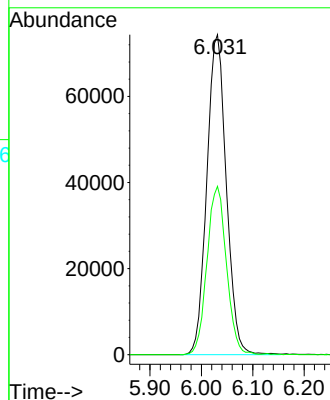
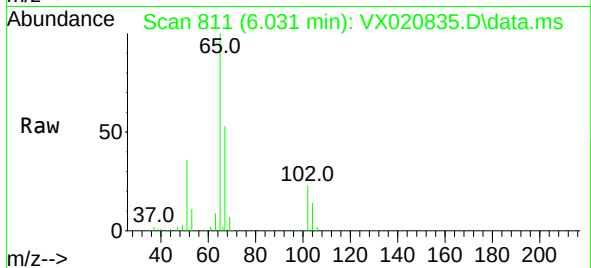
Acq: 03 Feb 2021 13:09

Tgt Ion: 65 Resp: 195682

Ion Ratio Lower Upper

65 100

67 52.4 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. -0.000 min

Lab File: VX020835.D

Acq: 03 Feb 2021 13:09

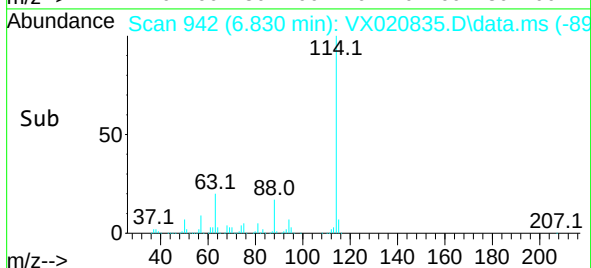
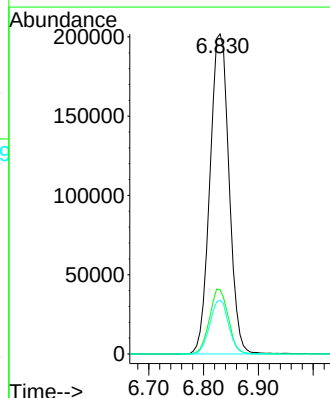
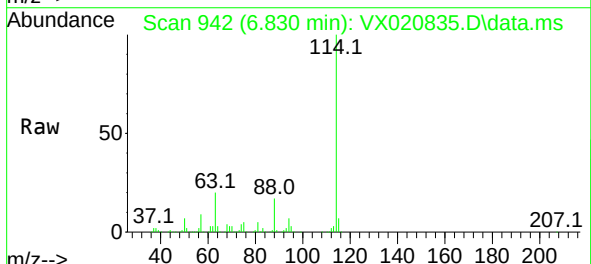
Tgt Ion: 114 Resp: 488264

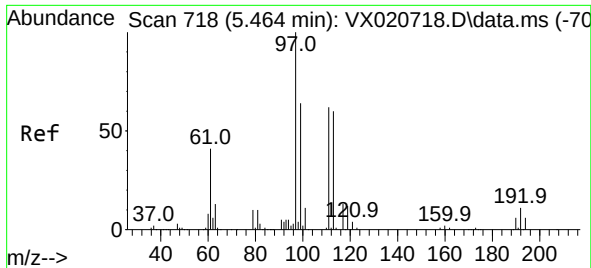
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

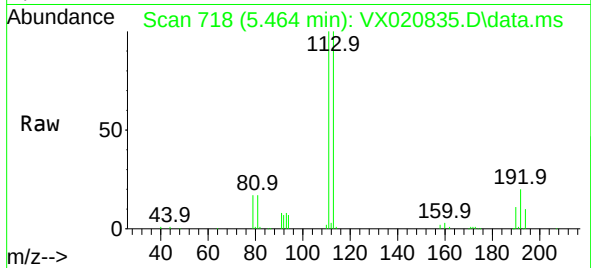
88 16.8 0.0 32.8



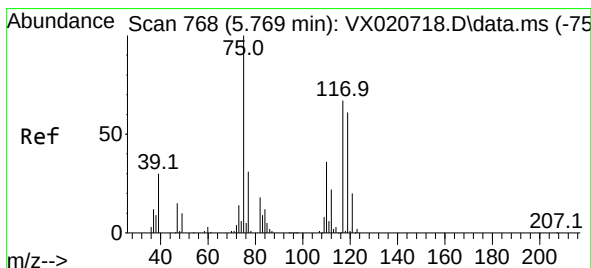
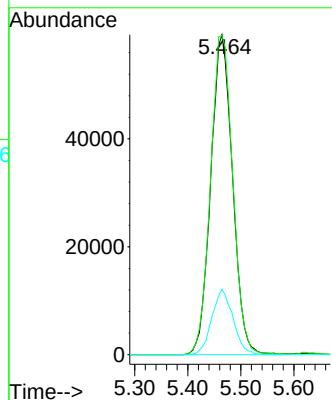
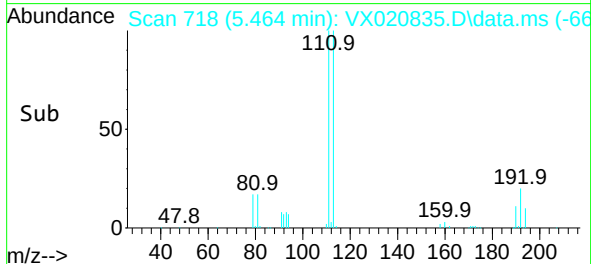


#35
Dibromofluoromethane
Concen: 50.59 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX020835.D
Acq: 03 Feb 2021 13:09

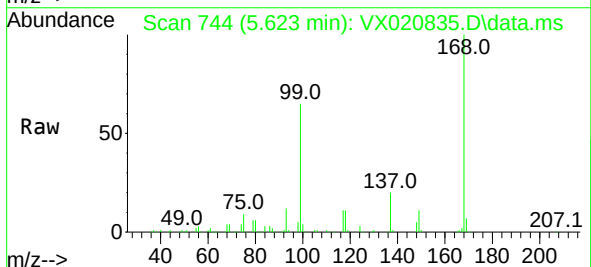
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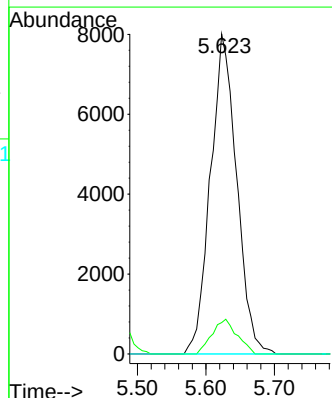
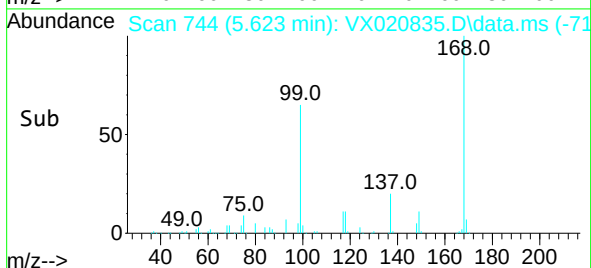
Tgt Ion:113 Resp: 169192
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 19.9 16.7 25.1

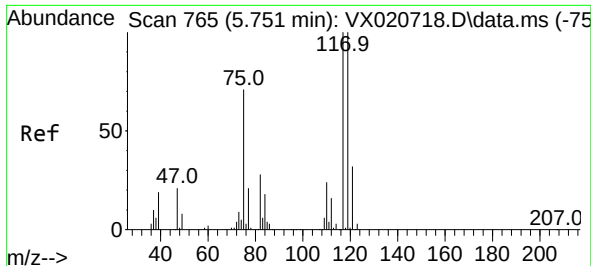


#36
1,1-Dichloropropene
Concen: 4.34 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX020835.D
Acq: 03 Feb 2021 13:09



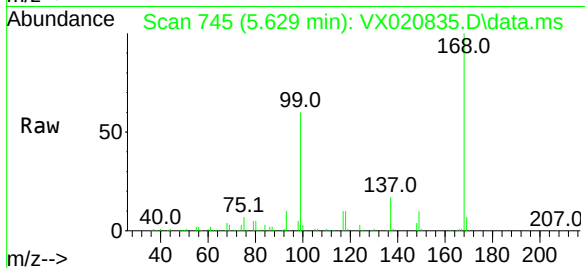
Tgt Ion: 75 Resp: 21269
Ion Ratio Lower Upper
75 100
110 10.4 18.1 54.4#
77 0.0 25.3 37.9#



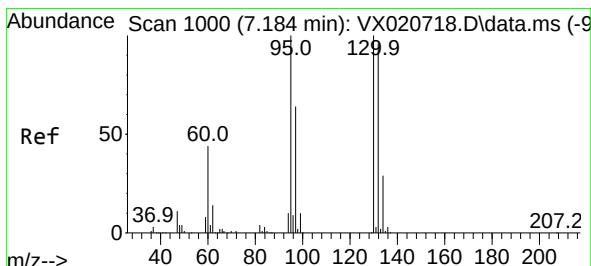
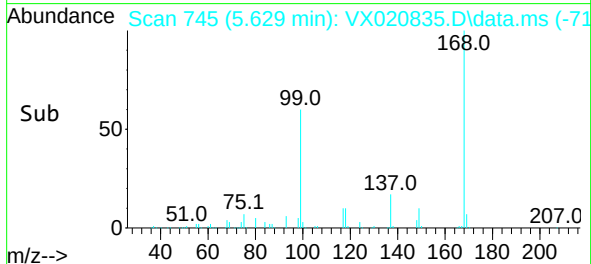
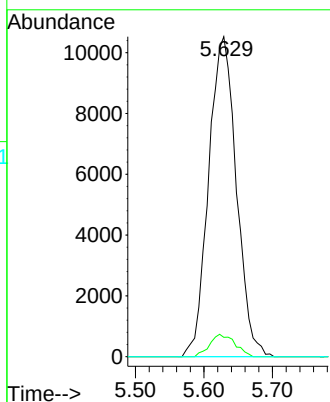


#38
Carbon Tetrachloride
Concen: 5.74 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX020835.D
Acq: 03 Feb 2021 13:09

Instrument :
MSVOA_X
ClientSampleId :
152140-MW-2S(OFFSITE)

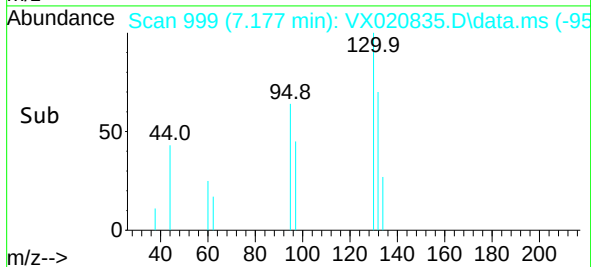
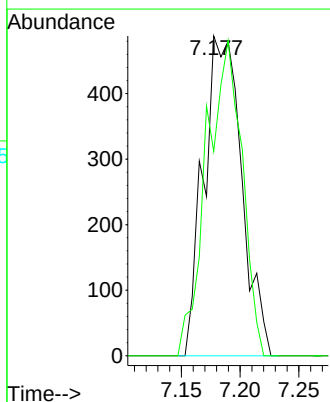
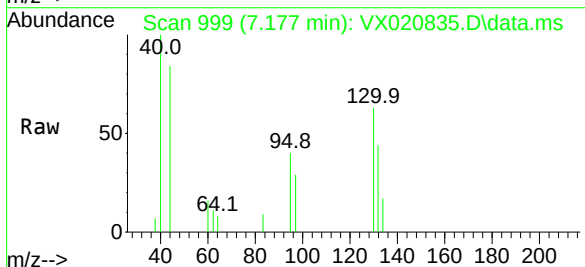


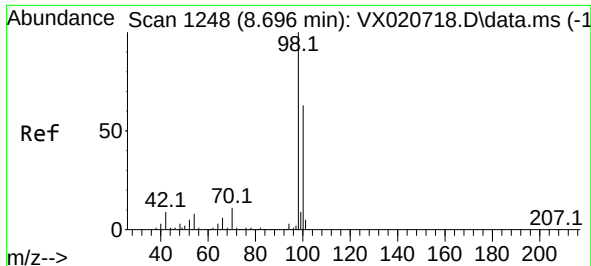
Tgt Ion:117 Resp: 29586
Ion Ratio Lower Upper
117 100
119 6.0 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 0.29 ug/l
RT: 7.177 min Scan# 999
Delta R.T. -0.007 min
Lab File: VX020835.D
Acq: 03 Feb 2021 13:09

Tgt Ion:130 Resp: 1099
Ion Ratio Lower Upper
130 100
95 63.9 0.0 198.0

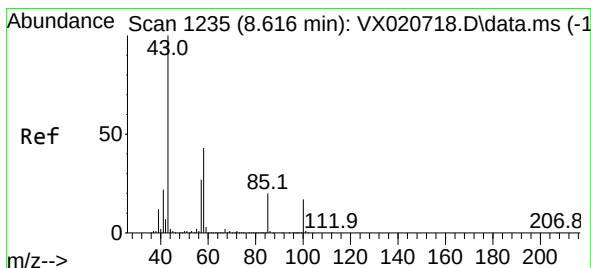
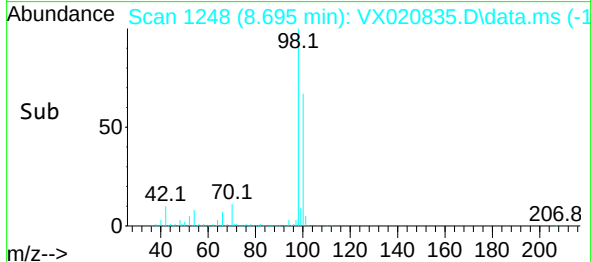
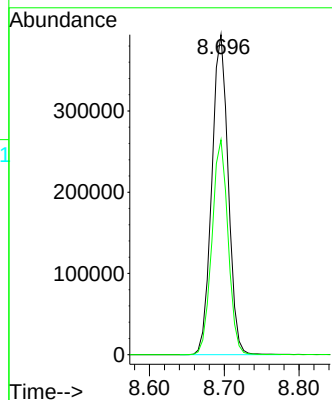
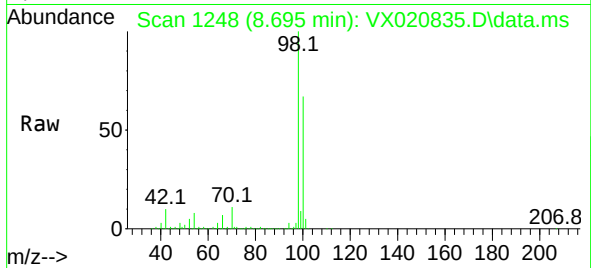




#50
Toluene-d8
Concen: 48.95 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. -0.001 min
Lab File: VX020835.D
Acq: 03 Feb 2021 13:09

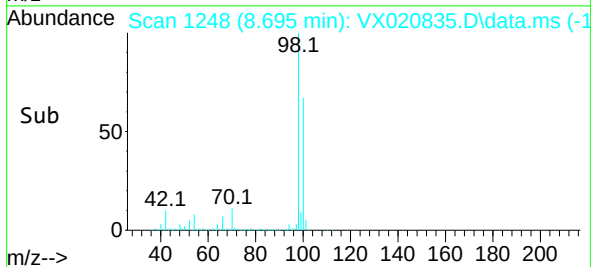
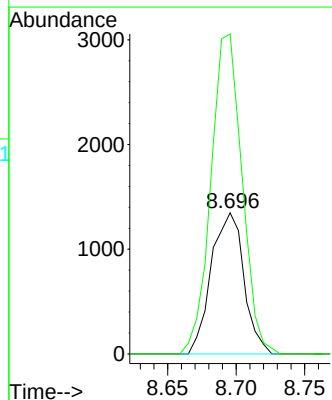
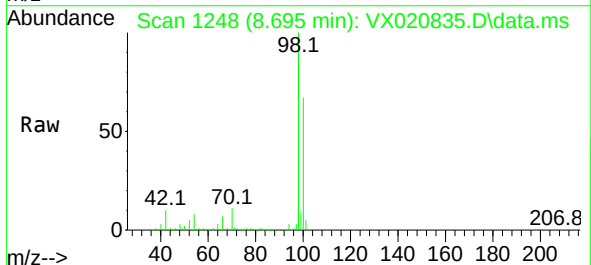
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-2S(OFFSITE)

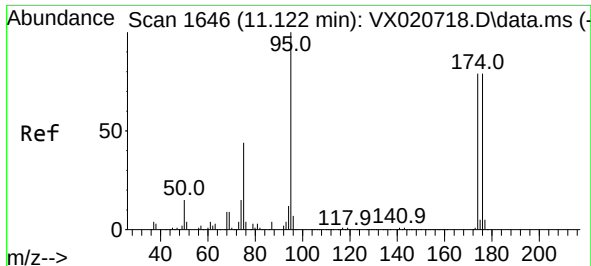
Tgt Ion: 98 Resp: 600128
Ion Ratio Lower Upper
98 100
100 66.0 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.48 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.079 min
Lab File: VX020835.D
Acq: 03 Feb 2021 13:09

Tgt Ion: 43 Resp: 2230
Ion Ratio Lower Upper
43 100
58 216.4 35.4 53.0#

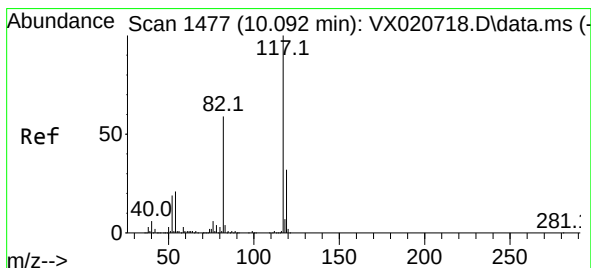
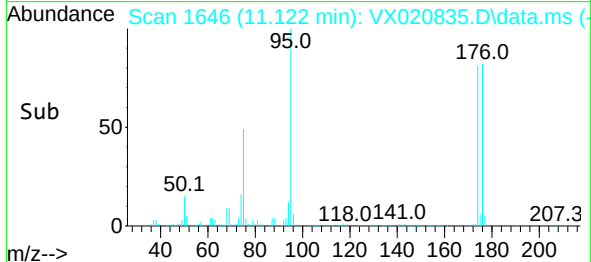
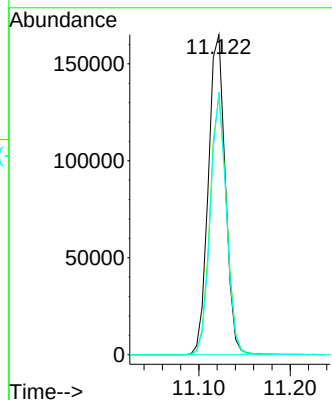
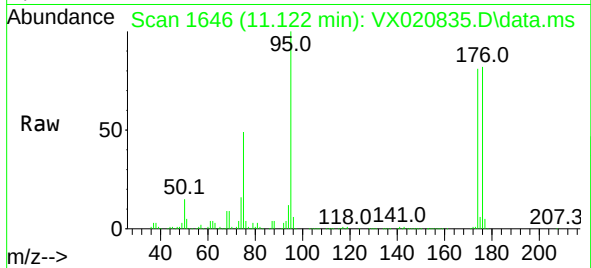




#62
4-Bromofluorobenzene
Concen: 44.49 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020835.D
Acq: 03 Feb 2021 13:09

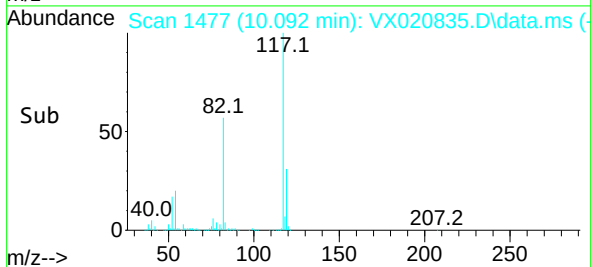
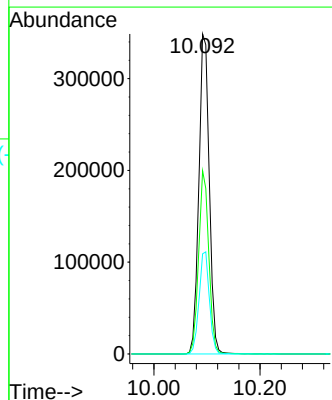
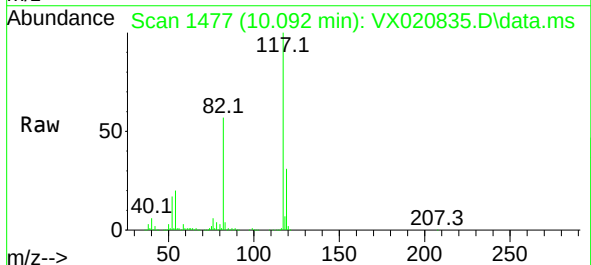
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-2S(OFFSITE)

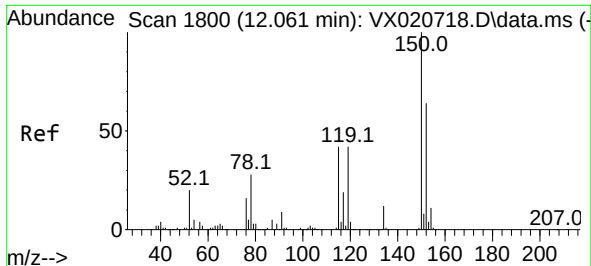
Tgt Ion: 95 Resp: 211858
Ion Ratio Lower Upper
95 100
174 80.1 0.0 154.6
176 77.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020835.D
Acq: 03 Feb 2021 13:09

Tgt Ion: 117 Resp: 476092
Ion Ratio Lower Upper
117 100
82 57.3 47.4 71.2
119 31.3 26.6 39.8

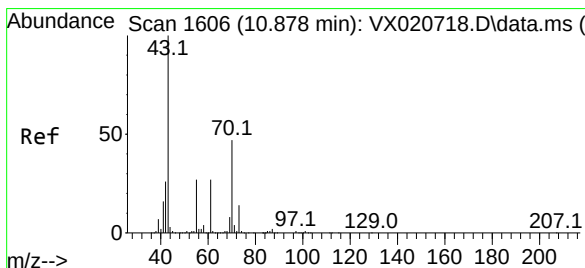
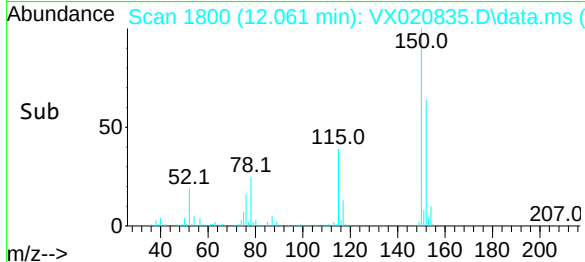
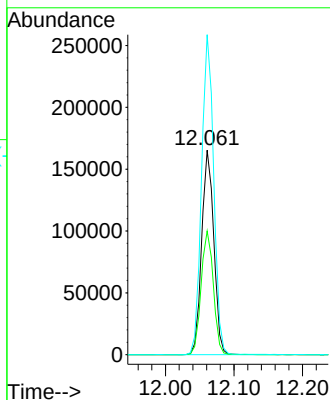
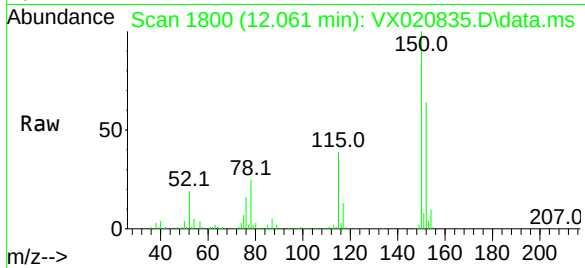




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020835.D
Acq: 03 Feb 2021 13:09

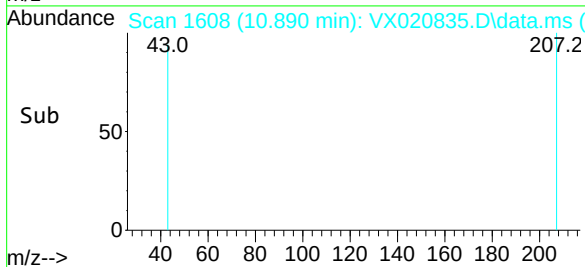
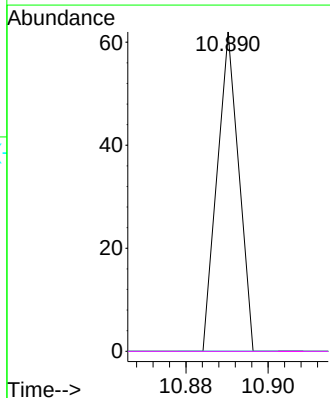
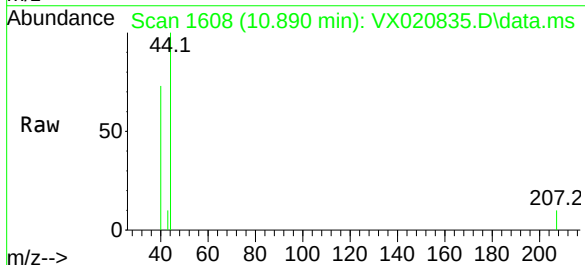
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-2S(OFFSITE)

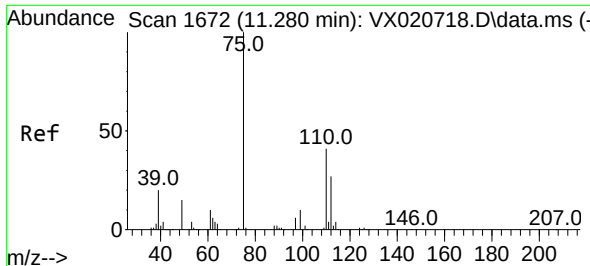
Tgt Ion:152 Resp: 203782
Ion Ratio Lower Upper
152 100
115 60.9 41.1 123.3
150 157.1 0.0 349.0



#74
N-ethyl acetate
Concen: 2.02 ug/l
RT: 10.890 min Scan# 1608
Delta R.T. 0.012 min
Lab File: VX020835.D
Acq: 03 Feb 2021 13:09

Tgt Ion: 43 Resp: 23
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.6#
55 0.0 21.5 32.3#
61 0.0 22.1 33.1#

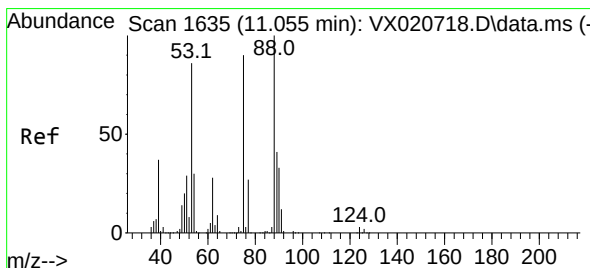
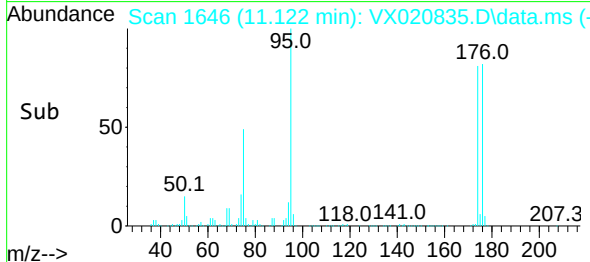
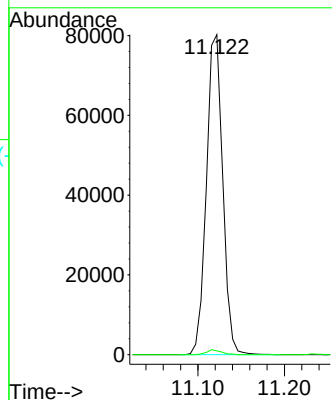
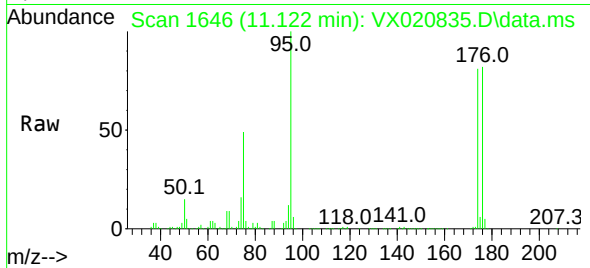




#76
1,2,3-Trichloropropane
Concen: 22.19 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020835.D
Acq: 03 Feb 2021 13:09

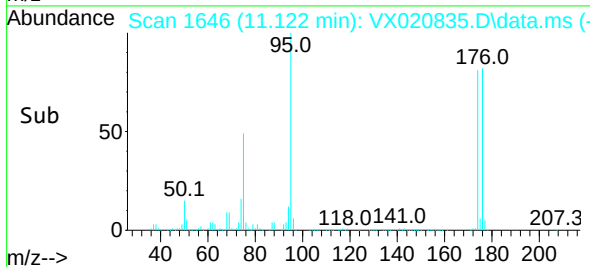
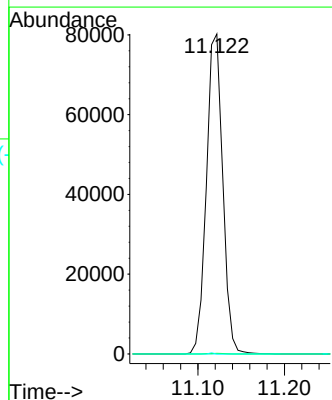
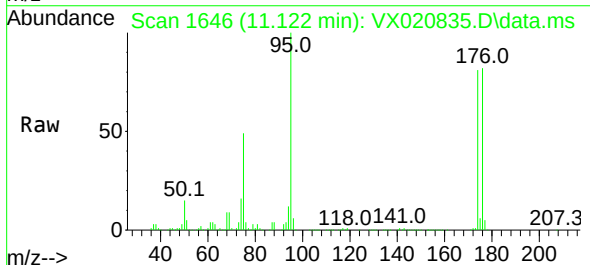
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-2S(OFFSITE)

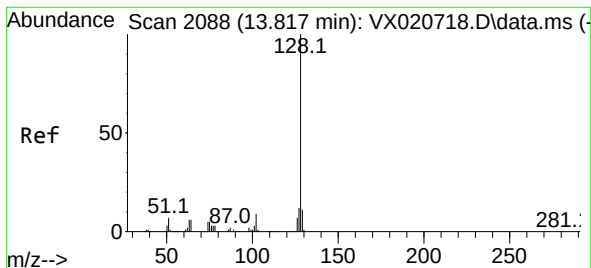
Tgt Ion: 75 Resp: 104899
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.20 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020835.D
Acq: 03 Feb 2021 13:09

Tgt Ion: 75 Resp: 104899
Ion Ratio Lower Upper
75 100
53 0.2 74.5 111.7#
89 0.1 37.9 56.9#





#95
Naphthalene
Concen: 2.89 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020835.D
Acq: 03 Feb 2021 13:09

Instrument :
MSVOA_X
ClientSampleId :
152140-MW-2S(OFFSITE)

Tgt Ion:128 Resp: 271
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 8.9 8.8 13.2

