

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012621\
 Data File : VX020761.D
 Acq On : 26 Jan 2021 18:14
 Operator : JC/SP
 Sample : M1217-17 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

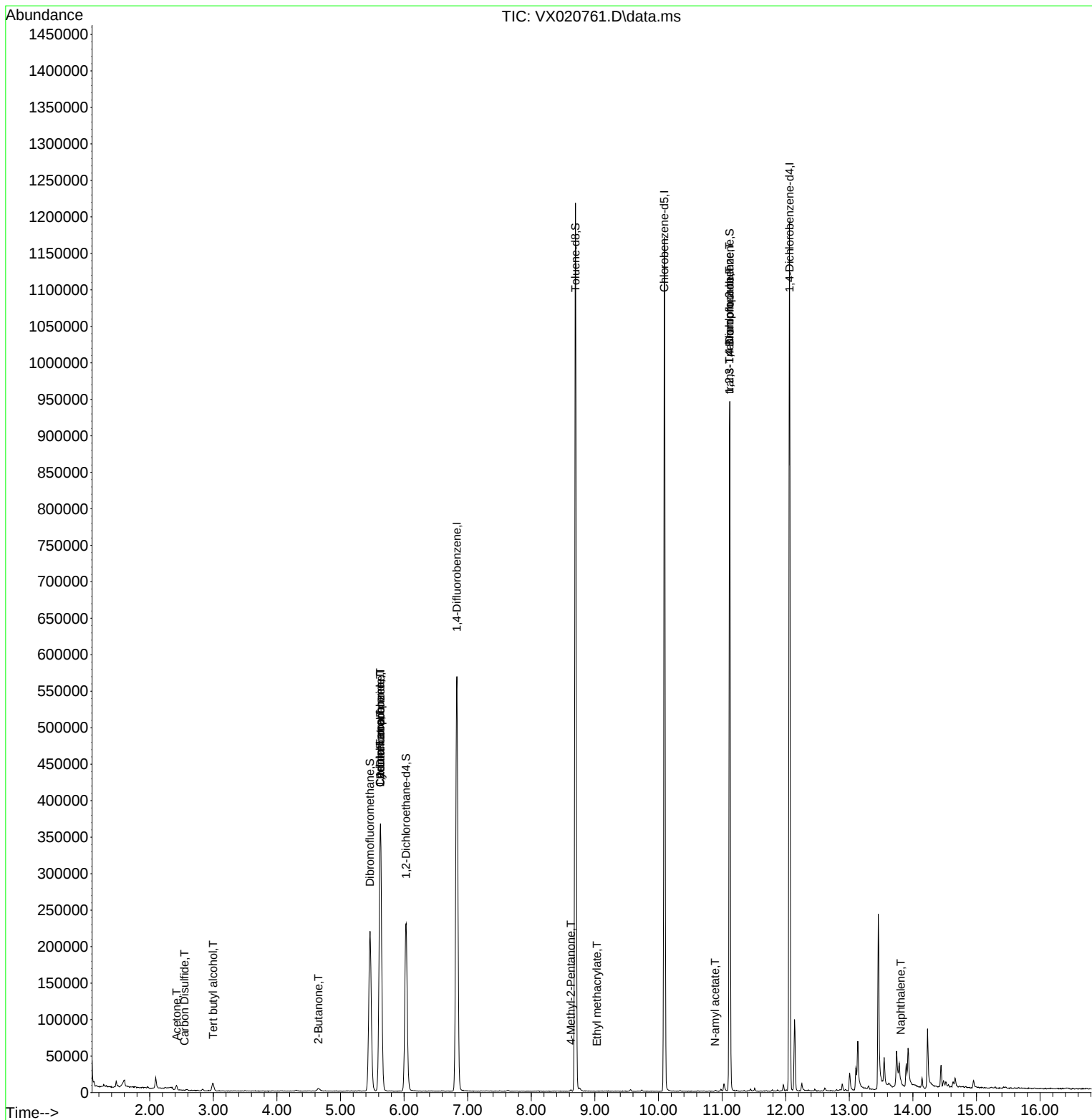
Quant Time: Jan 27 00:58:33 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:38:15 2021
 Response via : Initial Calibration

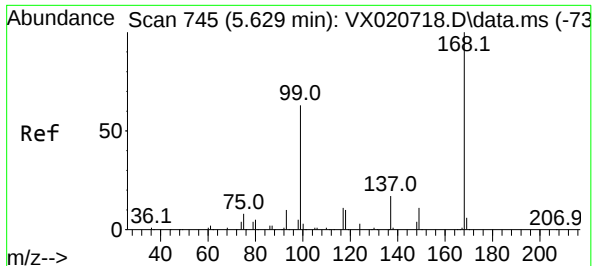
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.629	168	348062	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	585767	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	555937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	244503	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	222739	46.92	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.84%		
35) Dibromofluoromethane	5.464	113	191863	47.82	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.64%		
50) Toluene-d8	8.695	98	725585	49.33	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.66%		
62) 4-Bromofluorobenzene	11.122	95	266141	46.59	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.18%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.995	59	6483	7.31	ug/l #	75
16) Acetone	2.422	43	6277	3.49	ug/l	94
17) Carbon Disulfide	2.544	76	480	0.94	ug/l #	75
25) 2-Butanone	4.654	43	955	0.34	ug/l #	88
31) Cyclohexane	5.623	56	6536	1.02	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	26505	4.51	ug/l #	49
38) Carbon Tetrachloride	5.623	117	35547	5.75	ug/l #	17
51) 4-Methyl-2-Pentanone	8.622	43	1288	0.23	ug/l	92
56) Ethyl methacrylate	9.031	69	19	2.79	ug/l #	1
74) N-amyl acetate	10.890	43	302	2.05	ug/l #	26
76) 1,2,3-Trichloropropane	11.116	75	126962	22.39	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	126962	62.74	ug/l #	12
95) Naphthalene	13.810	128	751	2.91	ug/l #	96

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

Quant Time: Jan 27 00:58:33 2021
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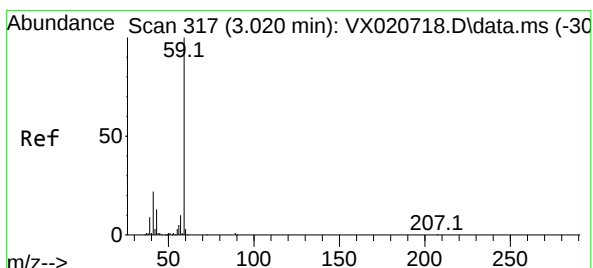
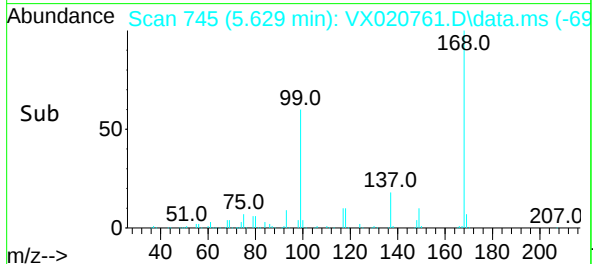
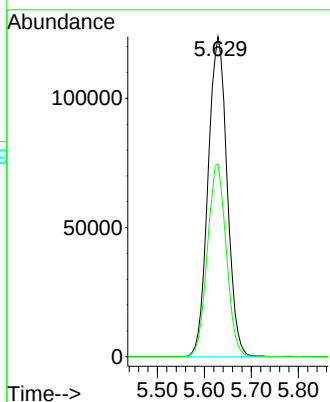
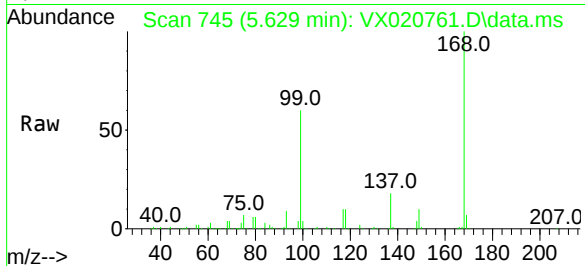




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX020761.D
Acq: 26 Jan 2021 18:14

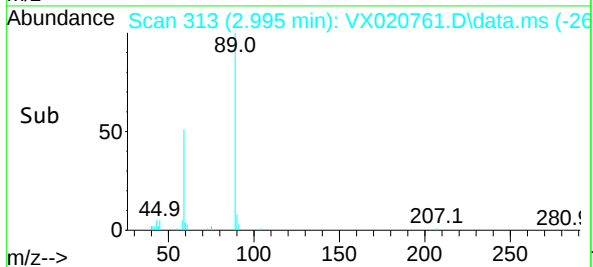
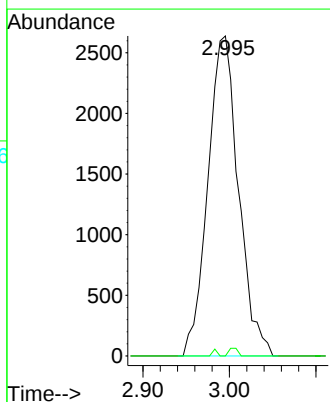
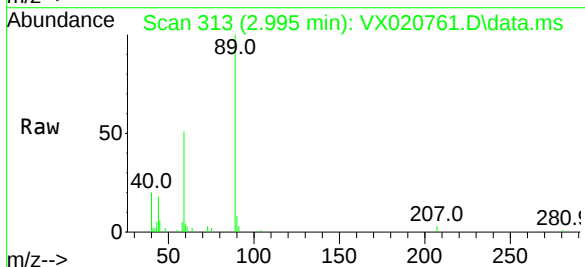
Instrument :
MSVOA_X
ClientSampleId :

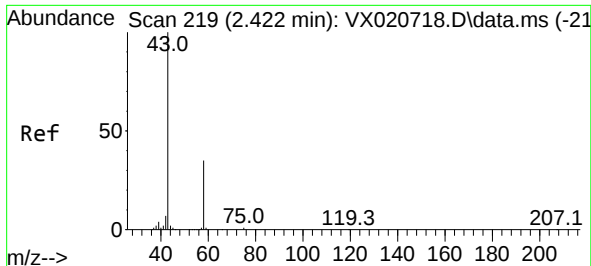
Tgt Ion:168 Resp: 348062
Ion Ratio Lower Upper
168 100
99 60.2 45.8 68.6



#11
Tert butyl alcohol
Concen: 7.31 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.025 min
Lab File: VX020761.D
Acq: 26 Jan 2021 18:14

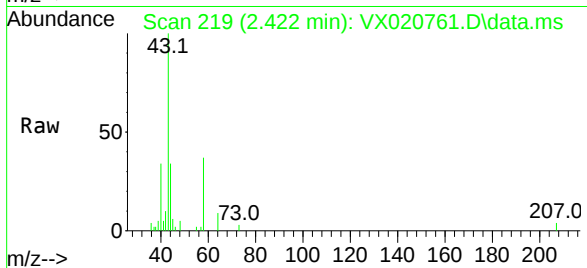
Tgt Ion: 59 Resp: 6483
Ion Ratio Lower Upper
59 100
57 0.7 7.8 11.8#



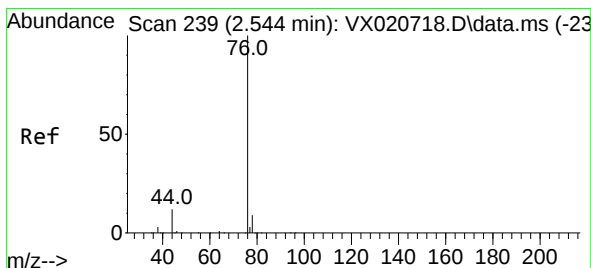
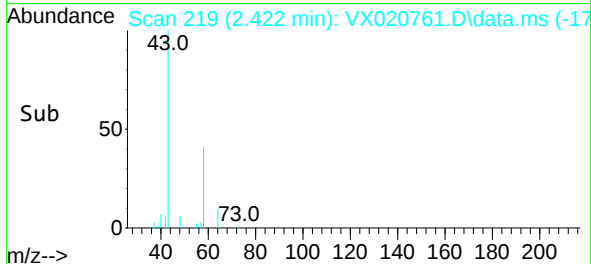
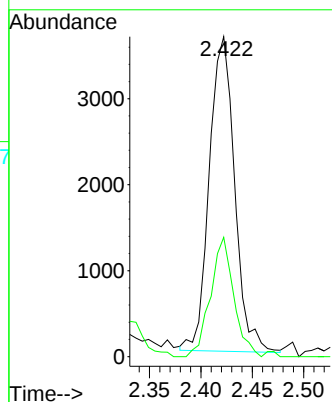


#16
Acetone
Concen: 3.49 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX020761.D
Acq: 26 Jan 2021 18:14

Instrument :
MSVOA_X
ClientSampled :

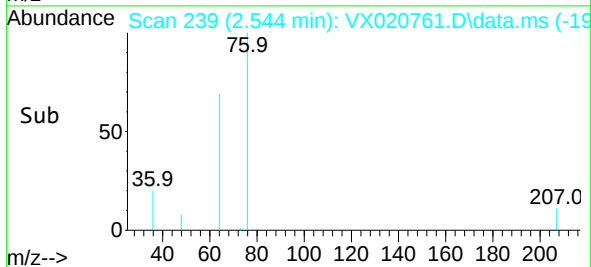
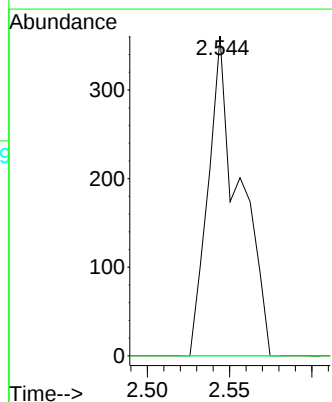
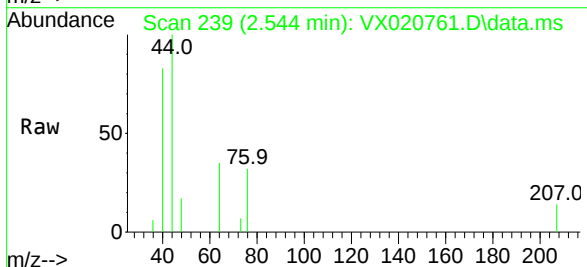


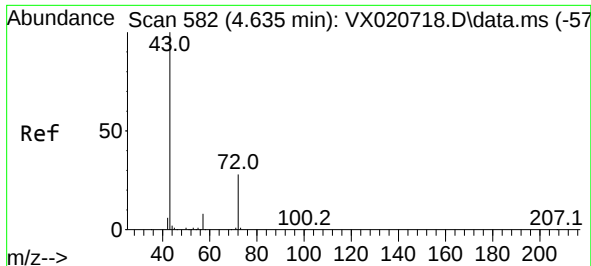
Tgt Ion: 43 Resp: 6277
Ion Ratio Lower Upper
43 100
58 38.1 27.8 41.8



#17
Carbon Disulfide
Concen: 0.94 ug/l
RT: 2.544 min Scan# 239
Delta R.T. 0.000 min
Lab File: VX020761.D
Acq: 26 Jan 2021 18:14

Tgt Ion: 76 Resp: 480
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

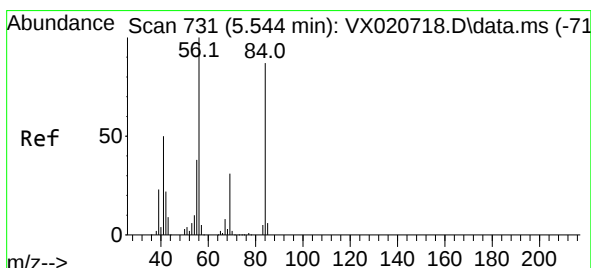
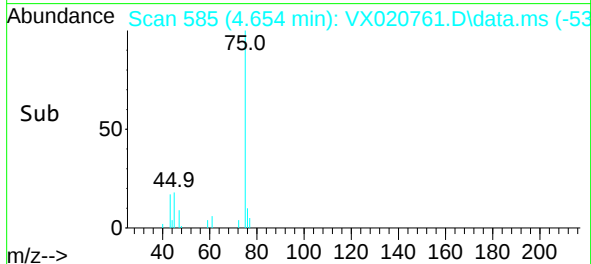
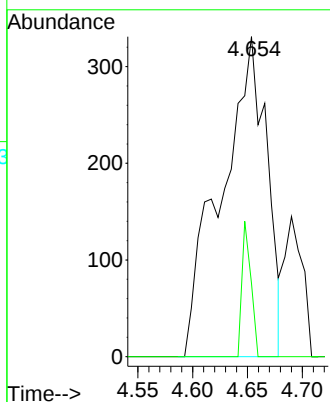
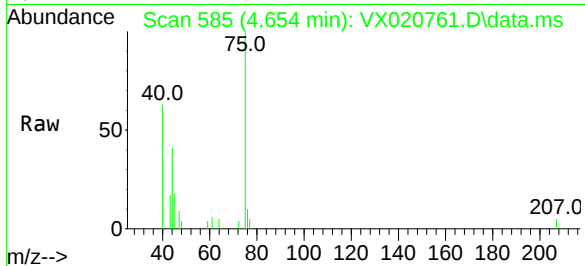




#25
2-Butanone
Concen: 0.34 ug/l
RT: 4.654 min Scan# 585
Delta R.T. 0.019 min
Lab File: VX020761.D
Acq: 26 Jan 2021 18:14

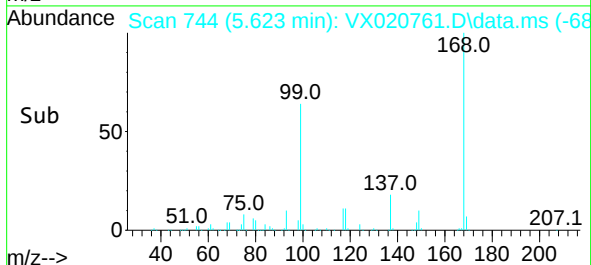
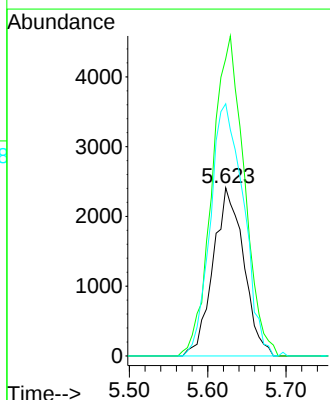
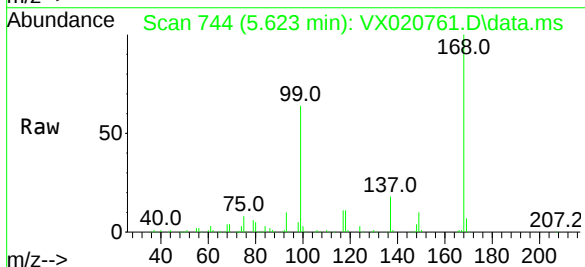
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MSVOA_X
ClientSampled :

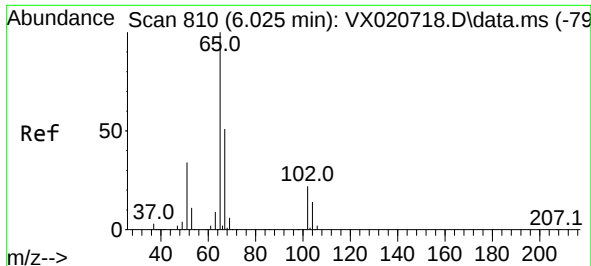
Tgt Ion: 43 Resp: 955
Ion Ratio Lower Upper
43 100
72 23.0 23.7 35.5#



#31
Cyclohexane
Concen: 1.02 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.079 min
Lab File: VX020761.D
Acq: 26 Jan 2021 18:14

Tgt Ion: 56 Resp: 6536
Ion Ratio Lower Upper
56 100
69 176.8 25.3 37.9#
84 149.9 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 46.92 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020761.D

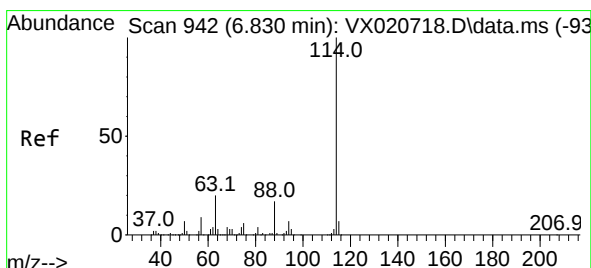
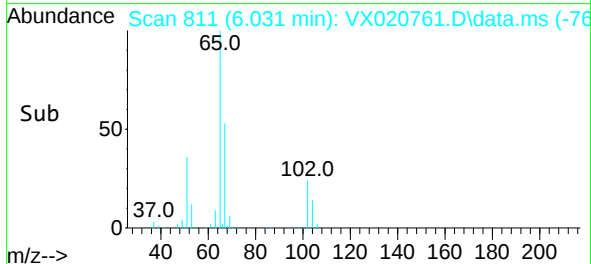
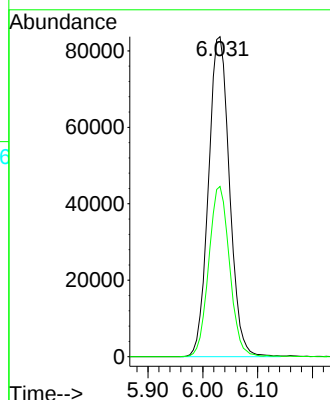
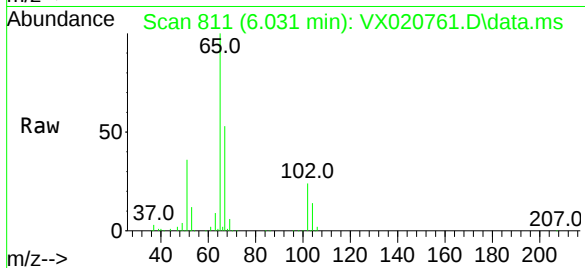
Acq: 26 Jan 2021 18:14

Tgt Ion: 65 Resp: 222739

Ion Ratio Lower Upper

65 100

67 52.5 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: VX020761.D

Acq: 26 Jan 2021 18:14

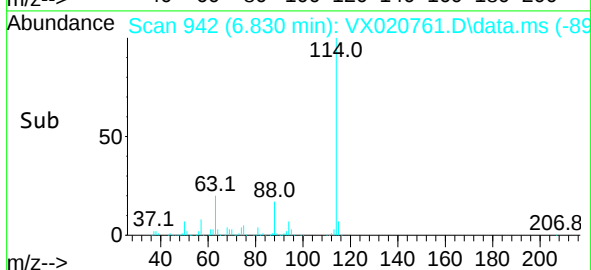
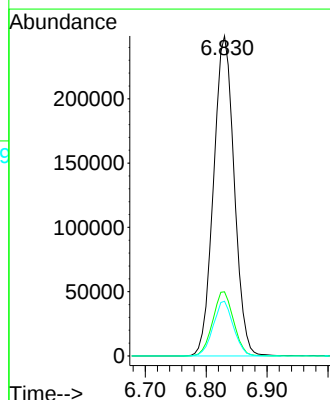
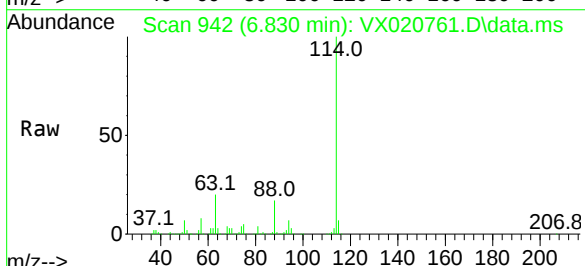
Tgt Ion: 114 Resp: 585767

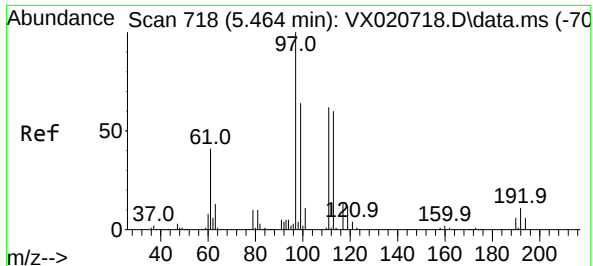
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.8

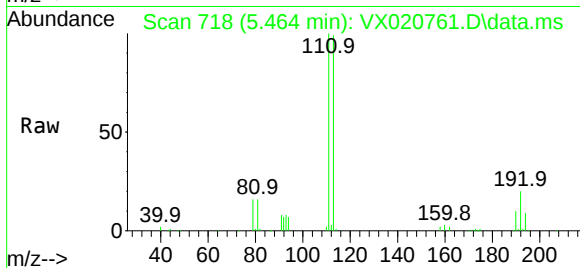
88 17.1 0.0 32.8



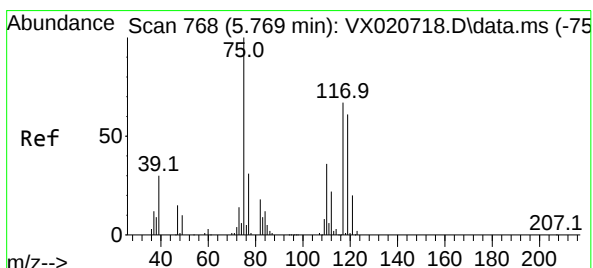
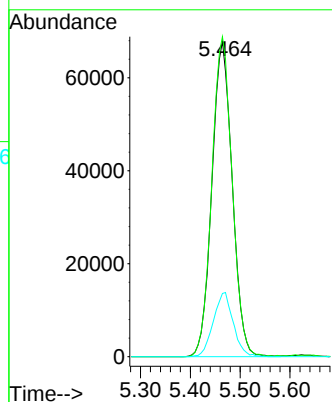
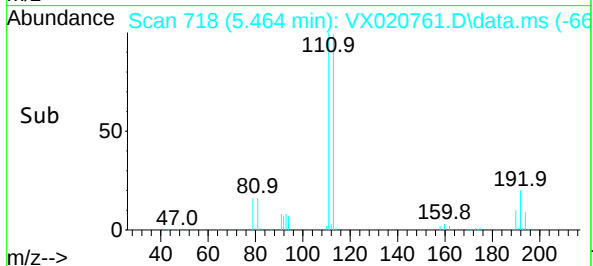


#35
Dibromofluoromethane
Concen: 47.82 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX020761.D
Acq: 26 Jan 2021 18:14

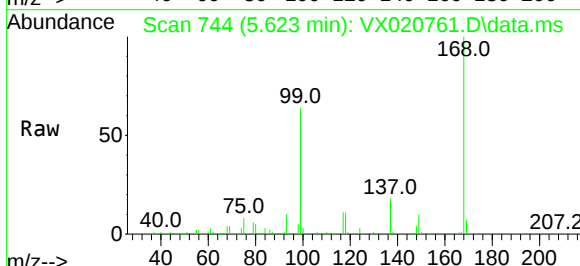
Instrument :
MSVOA_X
ClientSampleId :



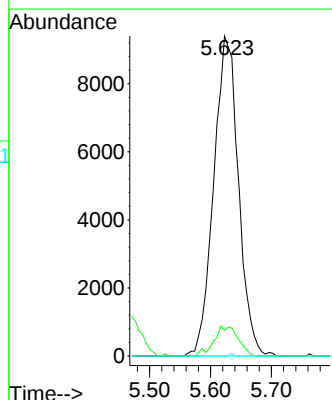
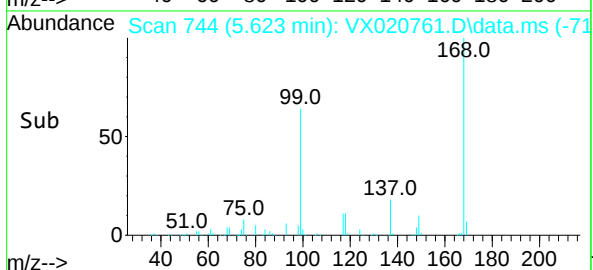
Tgt Ion:113 Resp: 191863
Ion Ratio Lower Upper
113 100
111 101.5 81.9 122.9
192 19.9 16.7 25.1

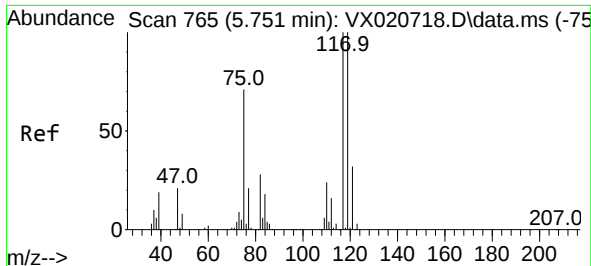


#36
1,1-Dichloropropene
Concen: 4.51 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX020761.D
Acq: 26 Jan 2021 18:14



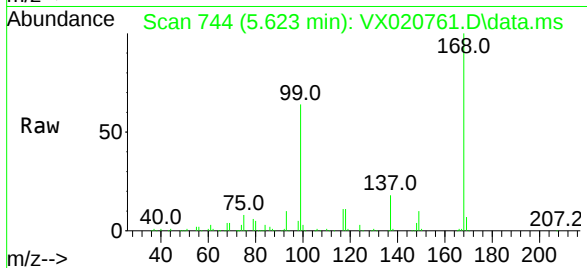
Tgt Ion: 75 Resp: 26505
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.4#
77 0.1 25.3 37.9#



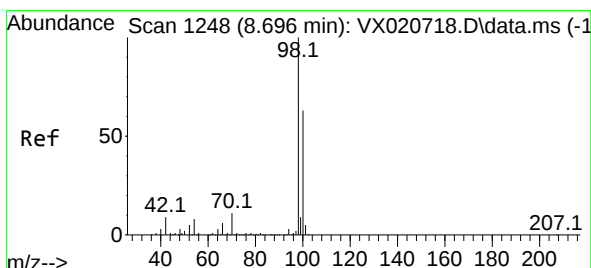
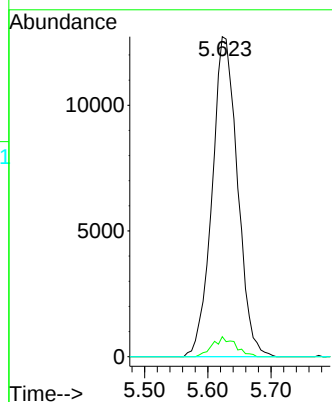
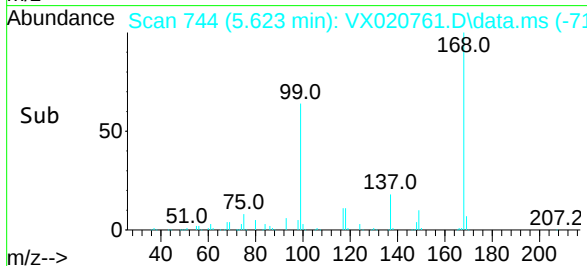


#38
Carbon Tetrachloride
Concen: 5.75 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.128 min
Lab File: VX020761.D
Acq: 26 Jan 2021 18:14

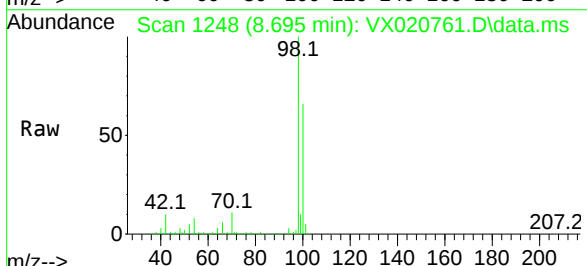
Instrument :
MSVOA_X
ClientSampled :



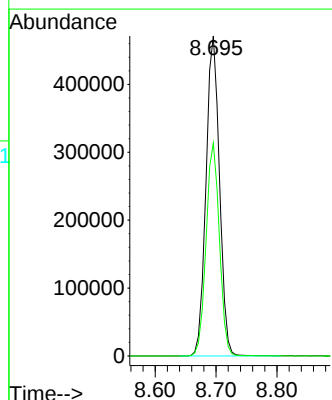
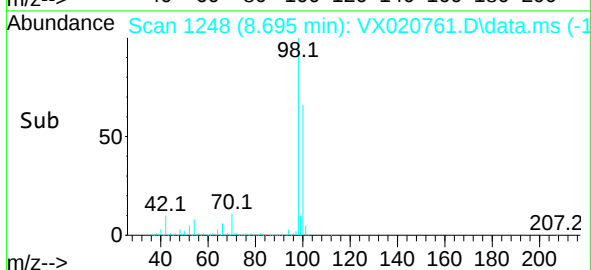
Tgt Ion:117 Resp: 35547
Ion Ratio Lower Upper
117 100
119 6.2 76.2 114.2#
121 0.0 24.8 37.2#

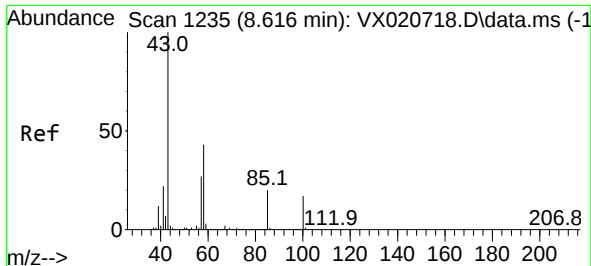


#50
Toluene-d8
Concen: 49.33 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. -0.001 min
Lab File: VX020761.D
Acq: 26 Jan 2021 18:14



Tgt Ion: 98 Resp: 725585
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9

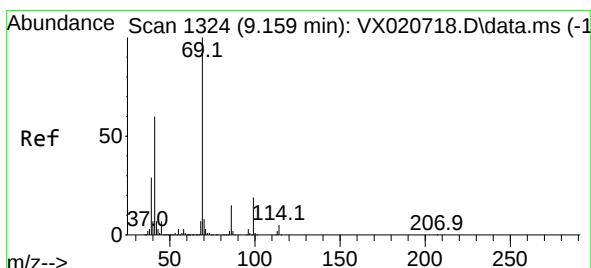
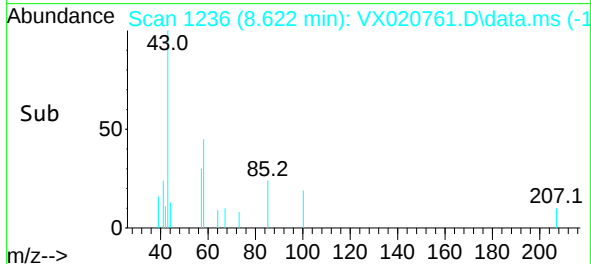
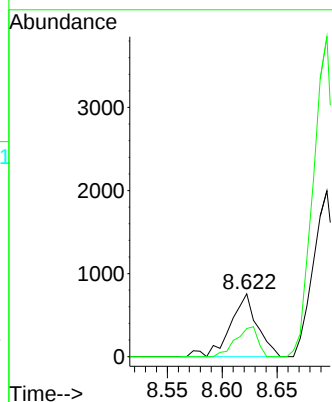
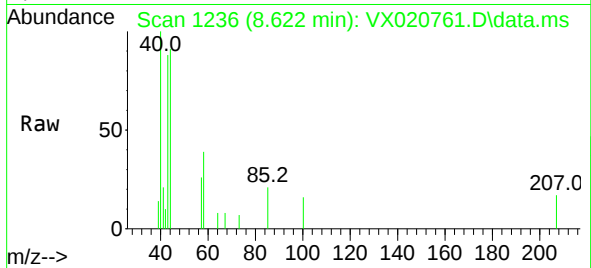




#51
4-Methyl-2-Pentanone
Concen: 0.23 ug/l
RT: 8.622 min Scan# 1236
Delta R.T. 0.006 min
Lab File: VX020761.D
Acq: 26 Jan 2021 18:14

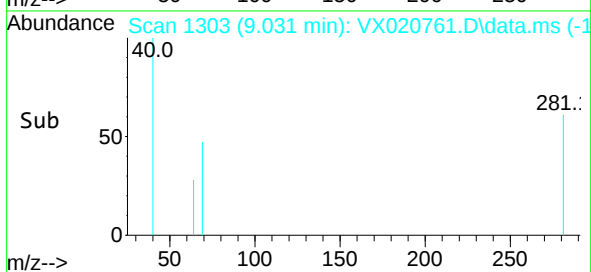
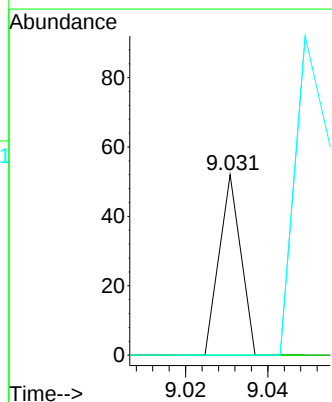
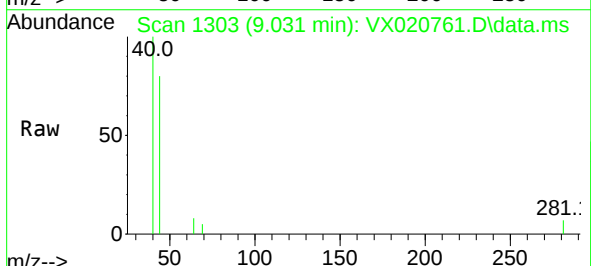
Instrument :
MSVOA_X
ClientSampled :

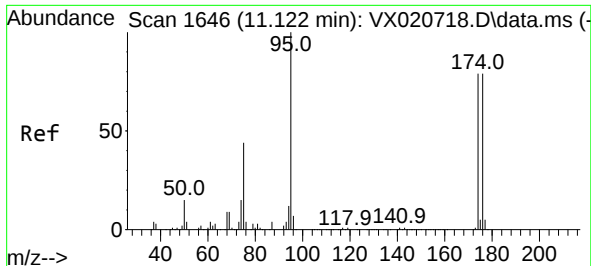
Tgt Ion: 43 Resp: 1288
Ion Ratio Lower Upper
43 100
58 39.1 35.4 53.0



#56
Ethyl methacrylate
Concen: 2.79 ug/l
RT: 9.031 min Scan# 1303
Delta R.T. -0.128 min
Lab File: VX020761.D
Acq: 26 Jan 2021 18:14

Tgt Ion: 69 Resp: 19
Ion Ratio Lower Upper
69 100
41 0.0 46.8 70.2#
39 400.0 24.7 37.1#

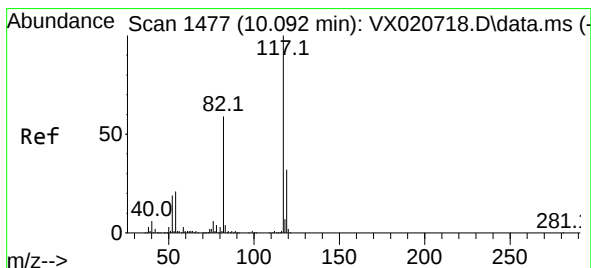
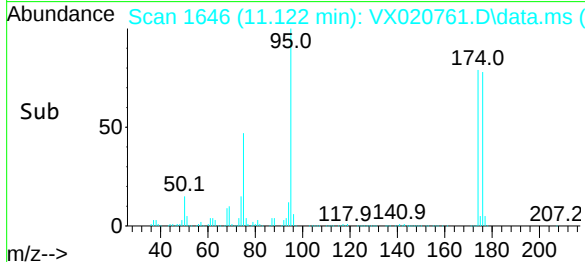
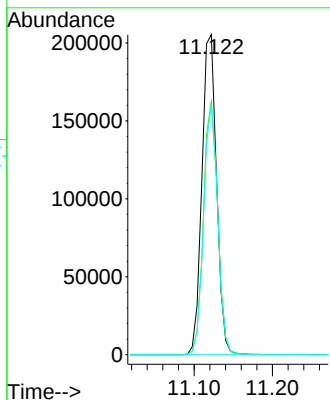
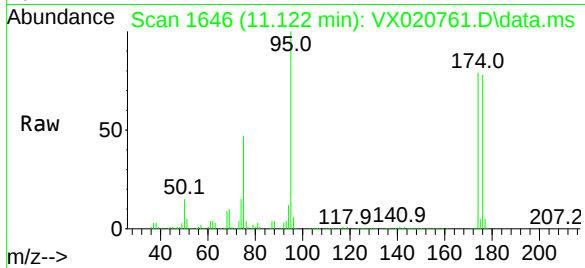




#62
4-Bromofluorobenzene
Concen: 46.59 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020761.D
Acq: 26 Jan 2021 18:14

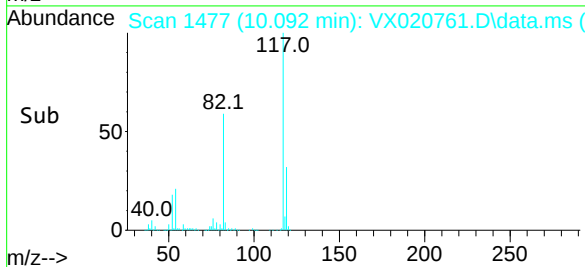
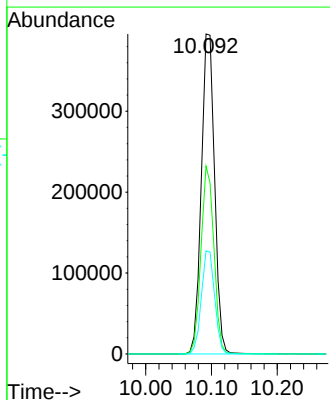
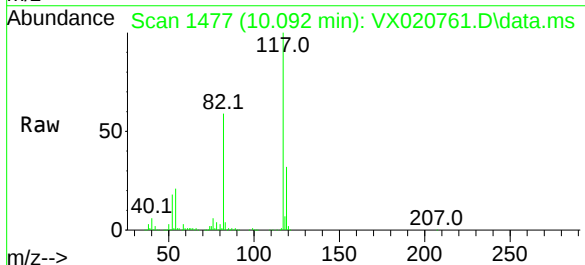
Instrument :
MSVOA_X
ClientSampled :

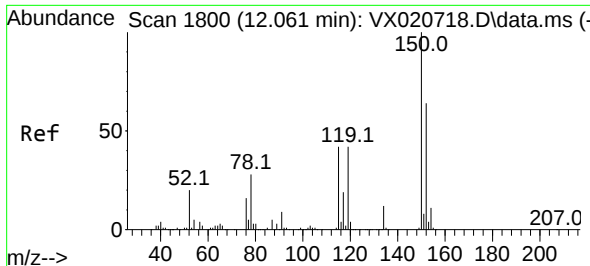
Tgt Ion: 95 Resp: 266141
Ion Ratio Lower Upper
95 100
174 76.8 0.0 154.6
176 75.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020761.D
Acq: 26 Jan 2021 18:14

Tgt Ion: 117 Resp: 555937
Ion Ratio Lower Upper
117 100
82 58.7 47.4 71.2
119 32.2 26.6 39.8

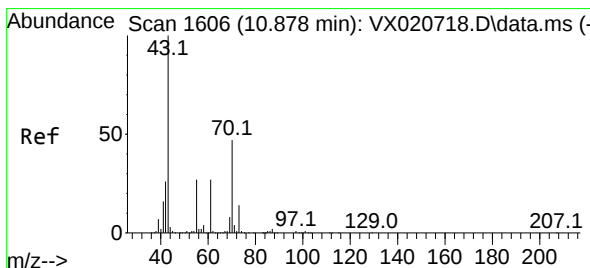
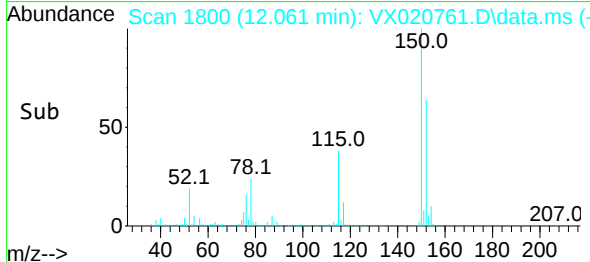
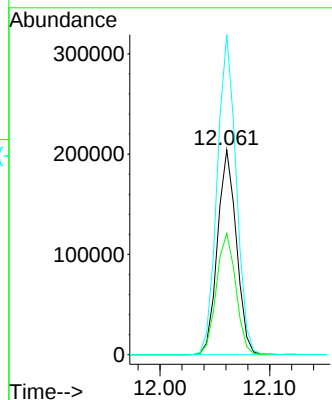
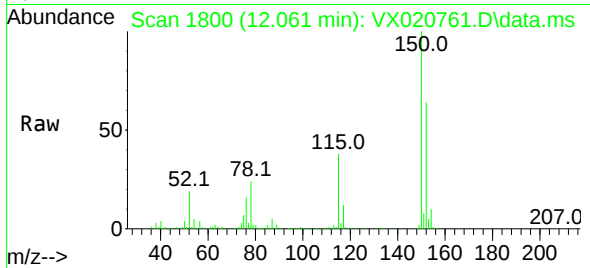




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020761.D
Acq: 26 Jan 2021 18:14

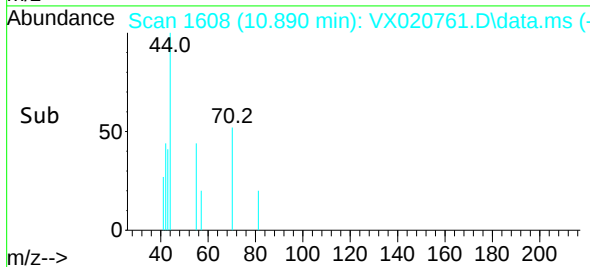
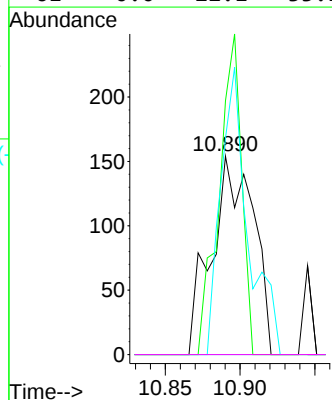
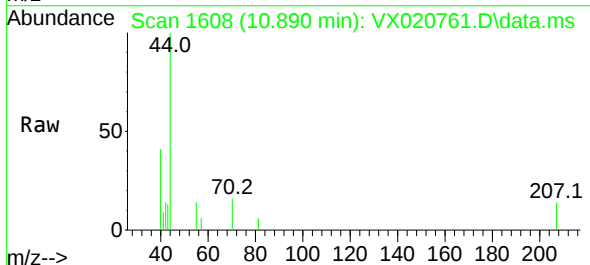
Instrument :
MSVOA_X
ClientSampleId :

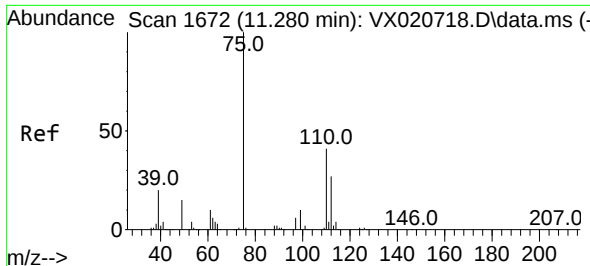
Tgt Ion:152 Resp: 244503
Ion Ratio Lower Upper
152 100
115 61.0 41.1 123.3
150 157.6 0.0 349.0



#74
N-ethyl acetate
Concen: 2.05 ug/l
RT: 10.890 min Scan# 1608
Delta R.T. 0.012 min
Lab File: VX020761.D
Acq: 26 Jan 2021 18:14

Tgt Ion: 43 Resp: 302
Ion Ratio Lower Upper
43 100
70 86.4 39.0 58.6#
55 93.7 21.5 32.3#
61 0.0 22.1 33.1#

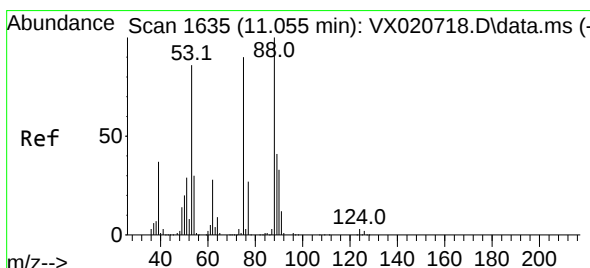
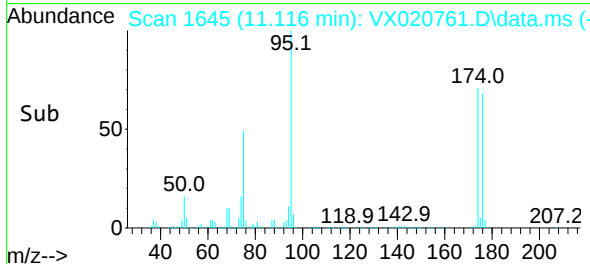
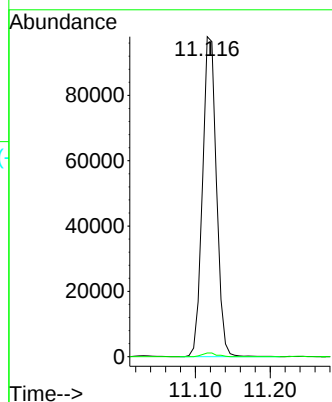
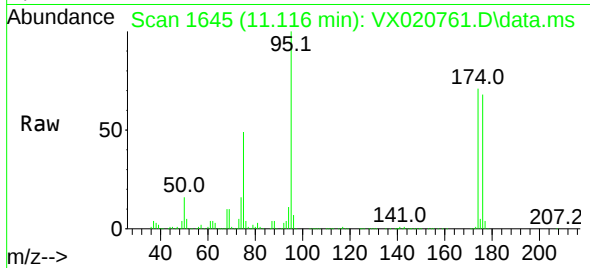




#76
1,2,3-Trichloropropane
Concen: 22.39 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX020761.D
Acq: 26 Jan 2021 18:14

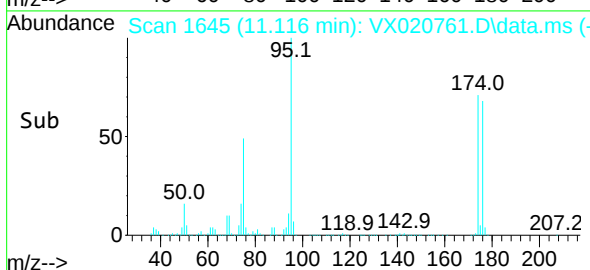
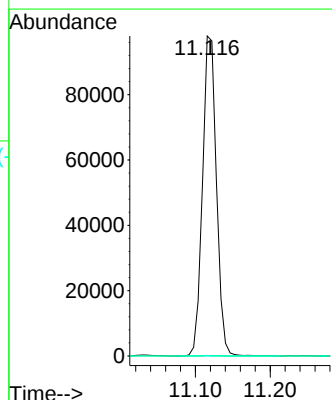
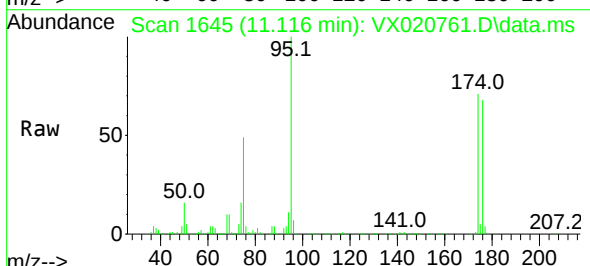
Instrument :
MSVOA_X
ClientSampled :

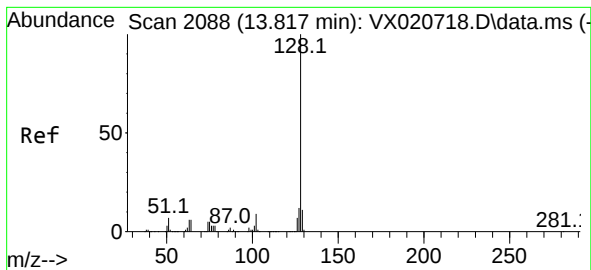
Tgt Ion: 75 Resp: 126962
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.74 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020761.D
Acq: 26 Jan 2021 18:14

Tgt Ion: 75 Resp: 126962
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.1 37.9 56.9#





#95
Naphthalene
Concen: 2.91 ug/l
RT: 13.810 min Scan# 2087
Delta R.T. -0.007 min
Lab File: VX020761.D
Acq: 26 Jan 2021 18:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	14.5	8.8	13.2#

