

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042121\
 Data File : VX021783.D
 Acq On : 21 Apr 2021 11:33
 Operator : JC/MD
 Sample : VX0421WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBL01

Quant Time: Apr 22 08:55:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 20 13:46:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	176402	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	296280	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	260493	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	120285	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	98177	49.06	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.12%
35) Dibromofluoromethane	5.458	113	93426	49.31	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.62%
50) Toluene-d8	8.690	98	351358	48.23	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.46%
62) 4-Bromofluorobenzene	11.116	95	121734	44.75	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.50%

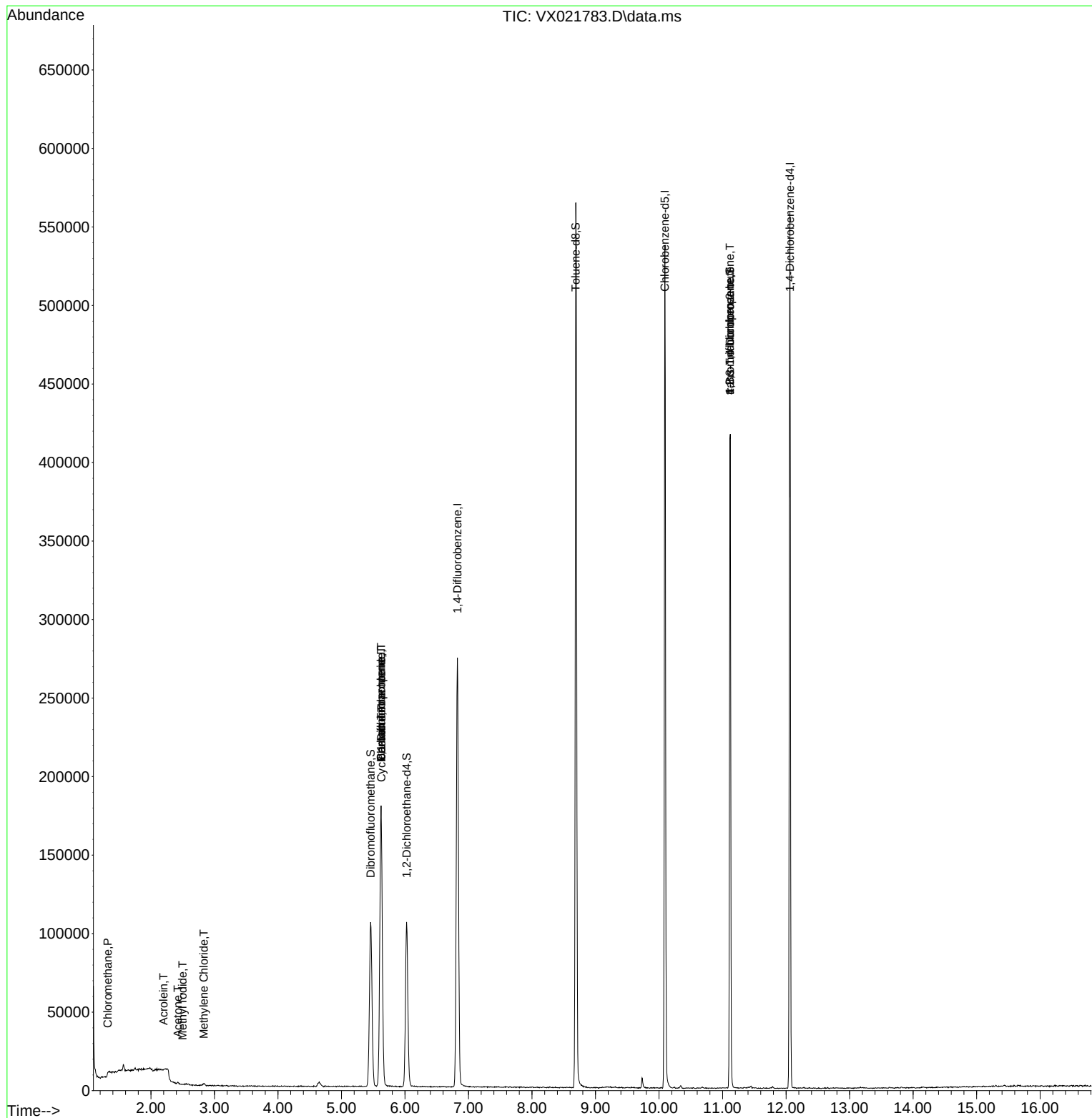
Target Compounds						Qvalue
3) Chloromethane	1.319	50	1306	0.88	ug/l	98
10) Methyl Iodide	2.496	142	91	8.20	ug/l #	42
13) Acrolein	2.197	56	211	0.60	ug/l #	81
16) Acetone	2.422	43	659	0.96	ug/l #	76
20) Methylene Chloride	2.831	84	751	0.36	ug/l #	88
31) Cyclohexane	5.629	56	3137	1.11	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	12427	4.75	ug/l #	51
38) Carbon Tetrachloride	5.623	117	16701	5.83	ug/l #	16
76) 1,2,3-Trichloropropane	11.116	75	55679	23.34	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	55679	53.68	ug/l #	12

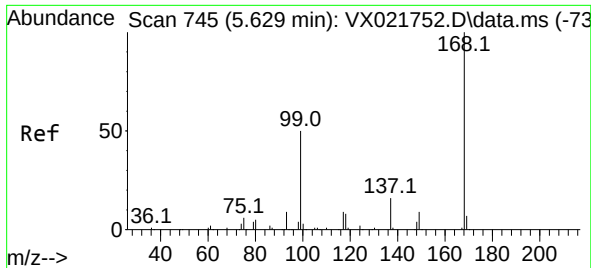
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
VX0421WBL01

Quant Time: Apr 22 08:55:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 20 13:46:22 2021
Response via : Initial Calibration

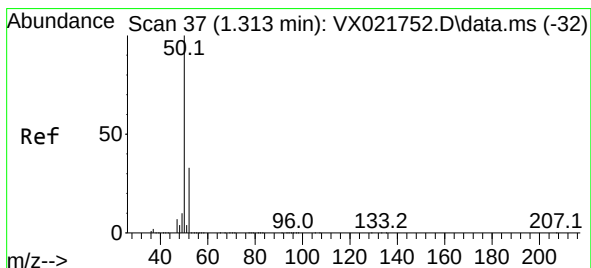
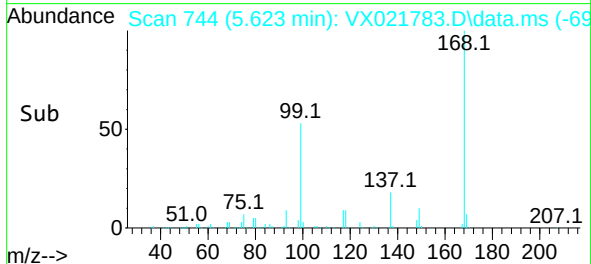
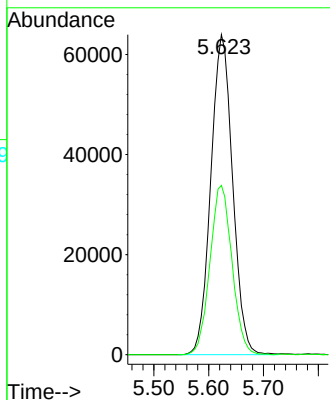
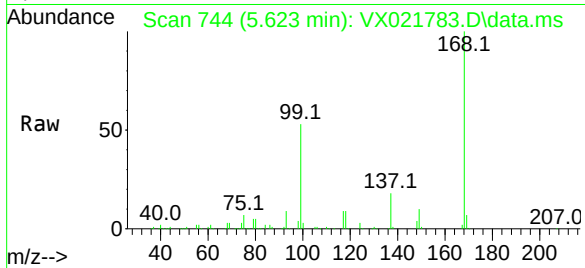




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.006 min
Lab File: VX021783.D
Acq: 21 Apr 2021 11:33

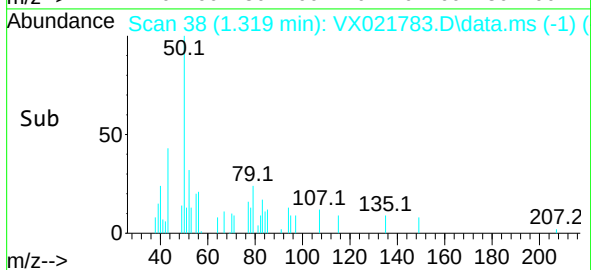
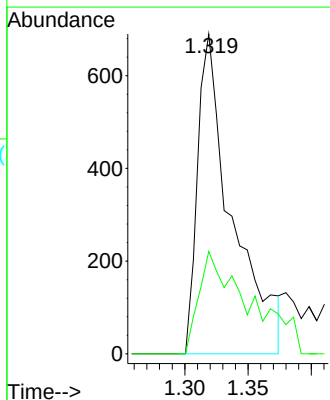
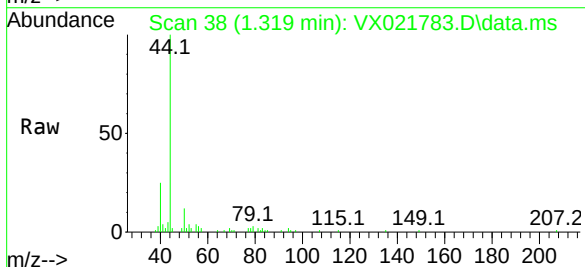
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBL01

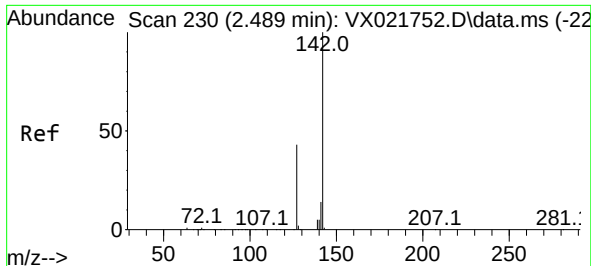
Tgt Ion:168 Resp: 176402
Ion Ratio Lower Upper
168 100
99 52.9 45.8 68.6



#3
Chloromethane
Concen: 0.88 ug/l
RT: 1.319 min Scan# 38
Delta R.T. 0.006 min
Lab File: VX021783.D
Acq: 21 Apr 2021 11:33

Tgt Ion: 50 Resp: 1306
Ion Ratio Lower Upper
50 100
52 32.0 26.4 39.6

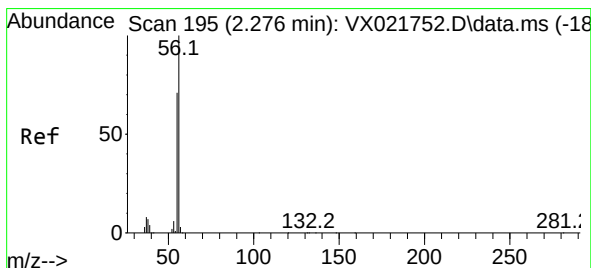
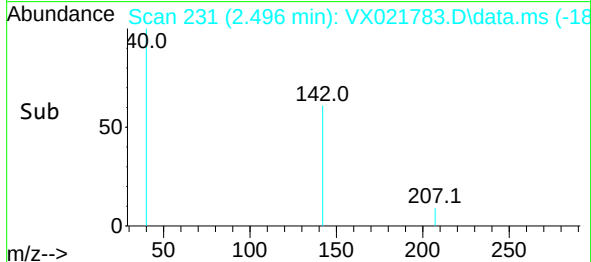
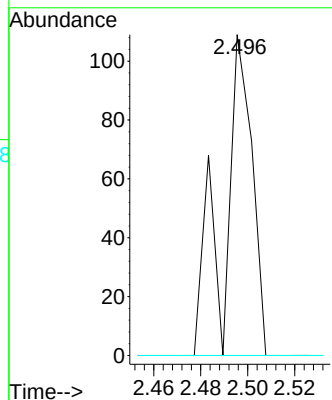
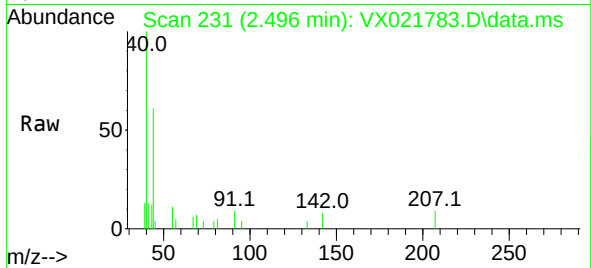




#10
Methyl Iodide
Concen: 8.20 ug/l
RT: 2.496 min Scan# 231
Delta R.T. 0.007 min
Lab File: VX021783.D
Acq: 21 Apr 2021 11:33

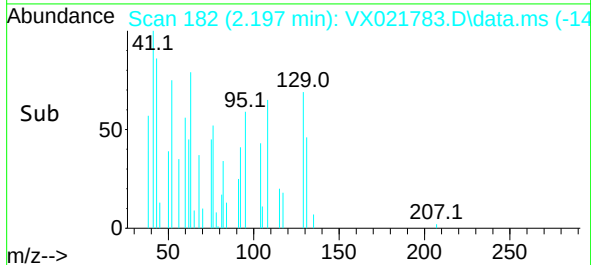
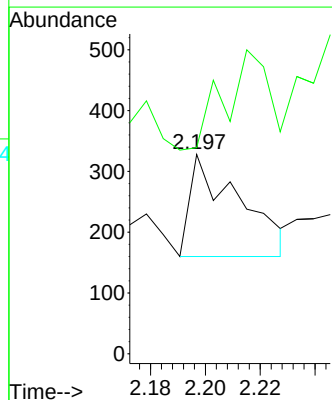
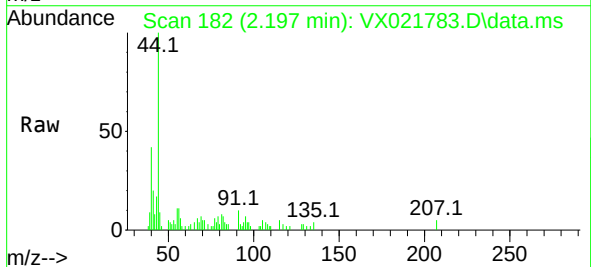
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBL01

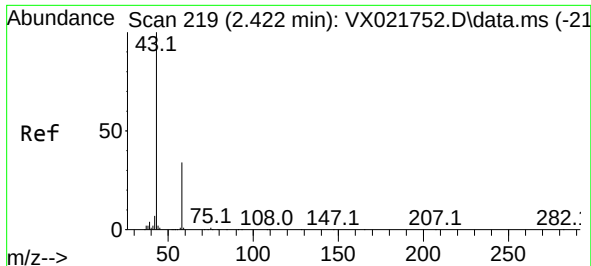
Tgt Ion:142 Resp: 91
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



#13
Acrolein
Concen: 0.60 ug/l
RT: 2.197 min Scan# 182
Delta R.T. -0.079 min
Lab File: VX021783.D
Acq: 21 Apr 2021 11:33

Tgt Ion: 56 Resp: 211
Ion Ratio Lower Upper
56 100
55 86.3 56.4 84.6#

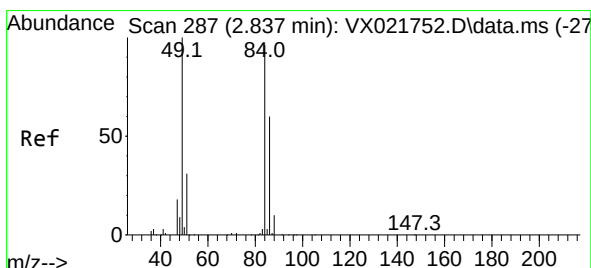
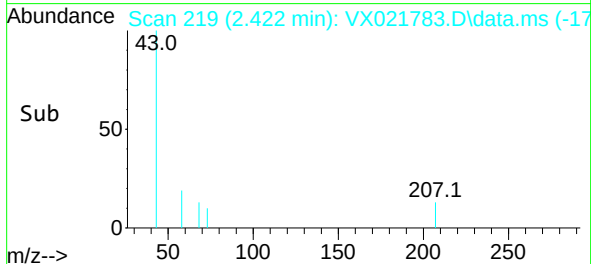
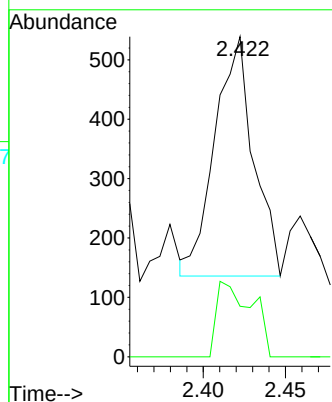
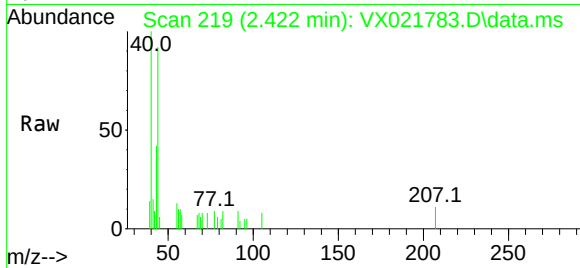




#16
Acetone
Concen: 0.96 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX021783.D
Acq: 21 Apr 2021 11:33

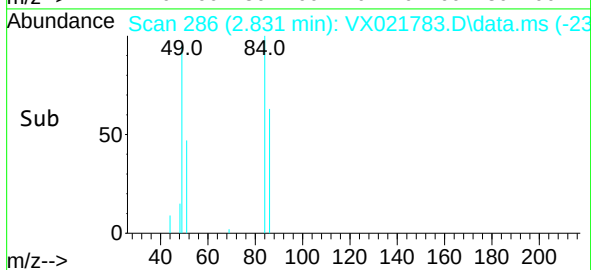
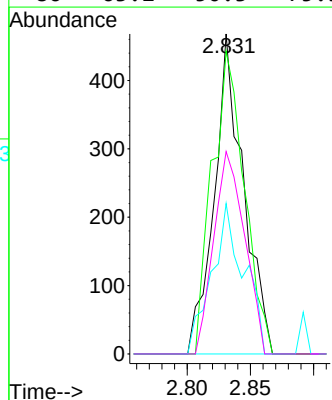
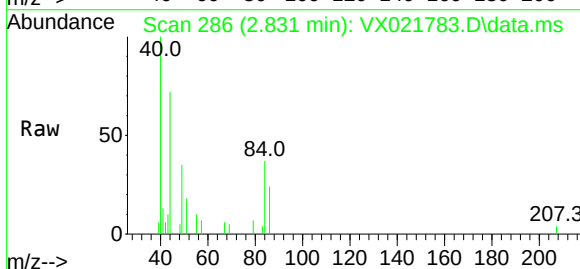
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBL01

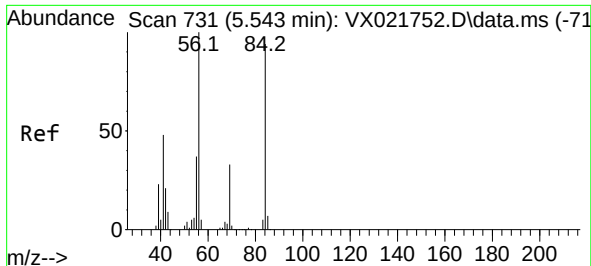
Tgt Ion: 43 Resp: 659
Ion Ratio Lower Upper
43 100
58 21.1 27.8 41.8#



#20
Methylene Chloride
Concen: 0.36 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.006 min
Lab File: VX021783.D
Acq: 21 Apr 2021 11:33

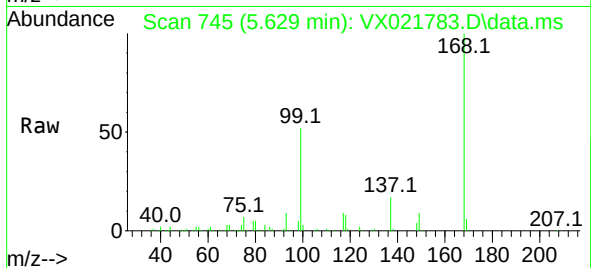
Tgt Ion: 84 Resp: 751
Ion Ratio Lower Upper
84 100
49 94.7 88.6 132.8
51 47.0 27.0 40.6#
86 63.2 50.3 75.5



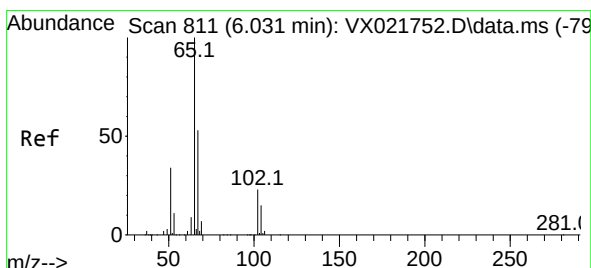
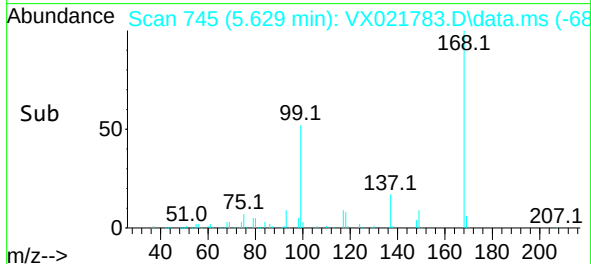
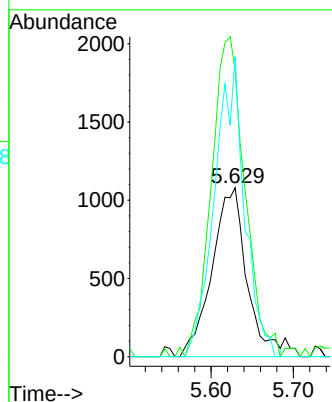


#31
Cyclohexane
Concen: 1.11 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.086 min
Lab File: VX021783.D
Acq: 21 Apr 2021 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBL01

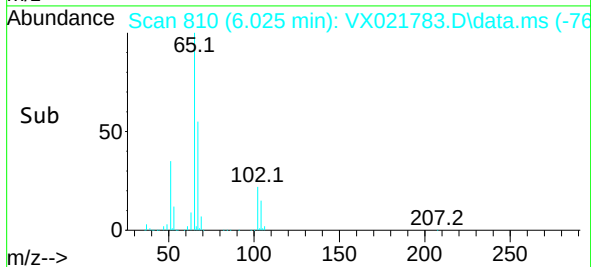
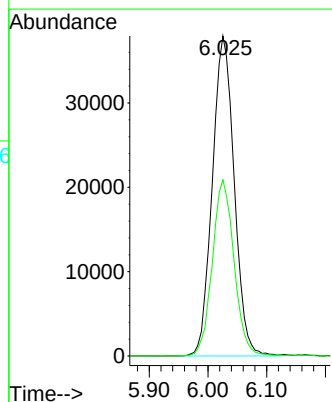
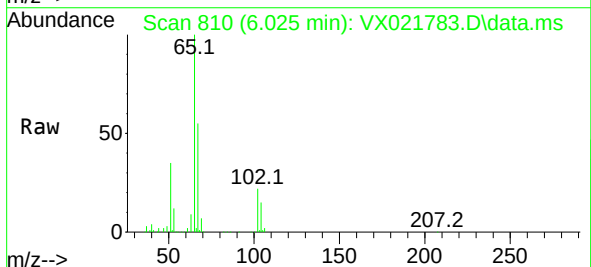


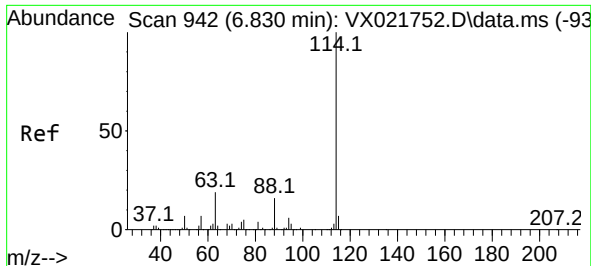
Tgt Ion: 56 Resp: 3137
Ion Ratio Lower Upper
56 100
69 170.1 25.3 37.9#
84 177.5 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 49.06 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX021783.D
Acq: 21 Apr 2021 11:33

Tgt Ion: 65 Resp: 98177
Ion Ratio Lower Upper
65 100
67 54.7 0.0 105.4

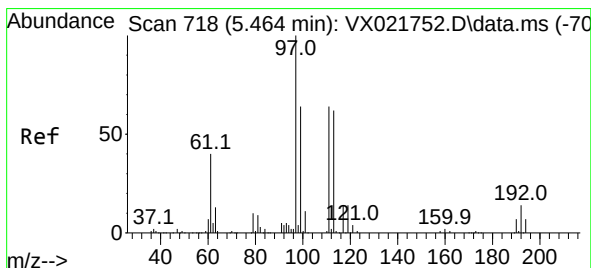
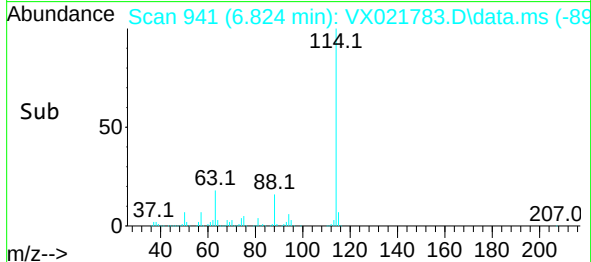
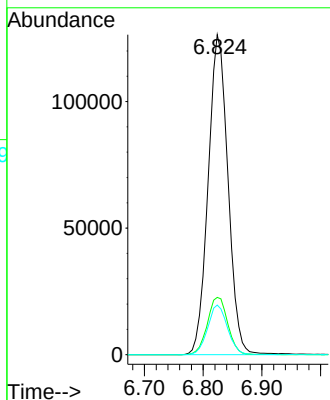
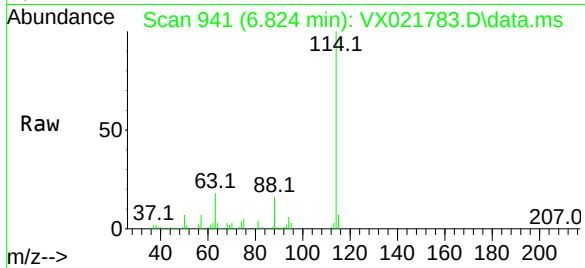




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.824 min Scan# 941
Delta R.T. -0.006 min
Lab File: VX021783.D
Acq: 21 Apr 2021 11:33

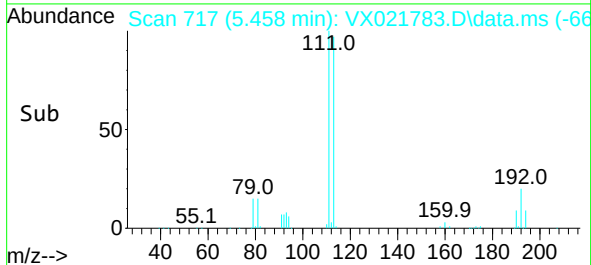
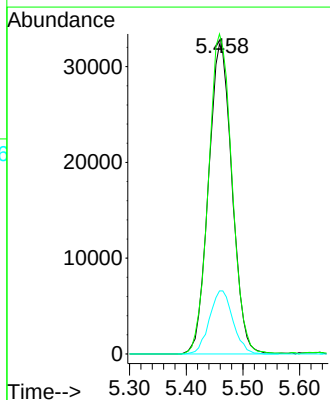
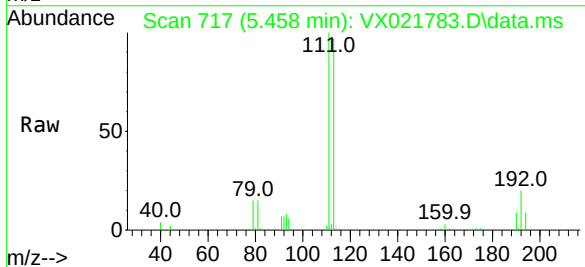
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBL01

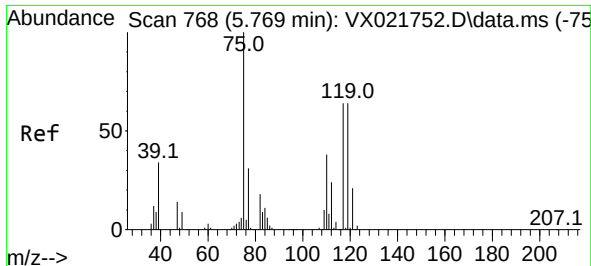
Tgt Ion:114 Resp: 296280
Ion Ratio Lower Upper
114 100
63 17.9 0.0 40.8
88 15.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.31 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX021783.D
Acq: 21 Apr 2021 11:33

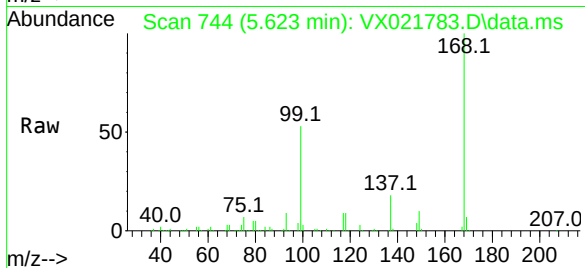
Tgt Ion:113 Resp: 93426
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 20.3 16.7 25.1



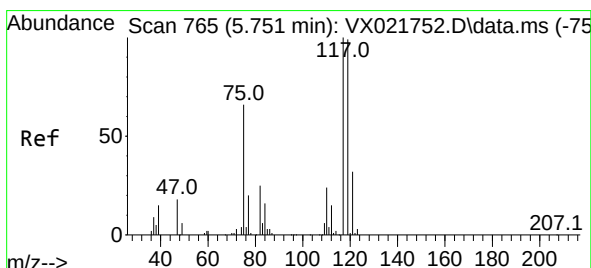
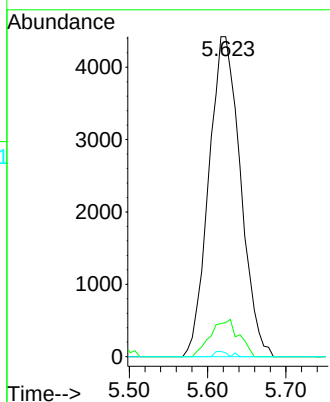
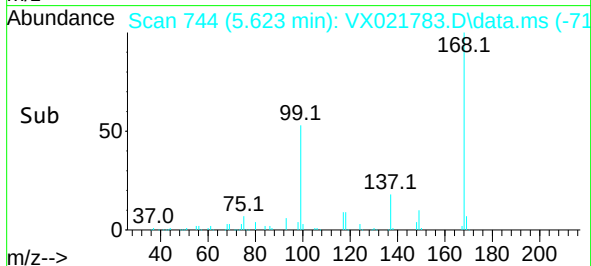


#36
1,1-Dichloropropene
Concen: 4.75 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX021783.D
Acq: 21 Apr 2021 11:33

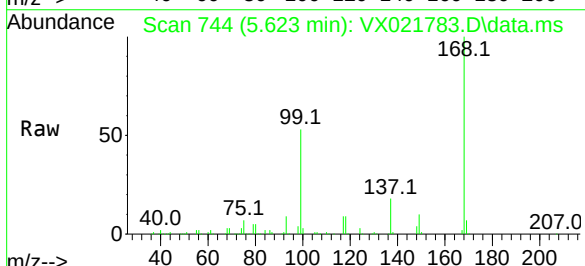
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBL01



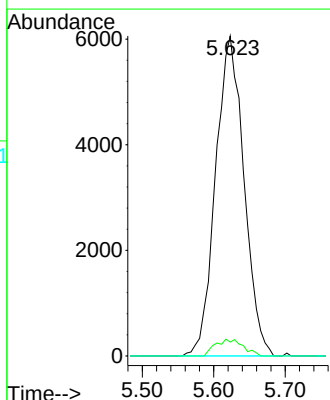
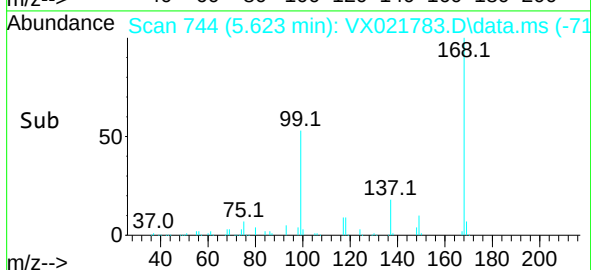
Tgt Ion: 75 Resp: 12427
Ion Ratio Lower Upper
75 100
110 10.4 18.1 54.4#
77 0.7 25.3 37.9#

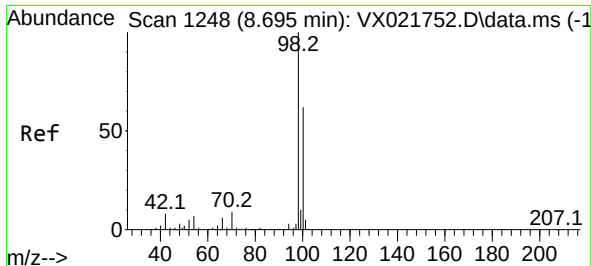


#38
Carbon Tetrachloride
Concen: 5.83 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.128 min
Lab File: VX021783.D
Acq: 21 Apr 2021 11:33



Tgt Ion: 117 Resp: 16701
Ion Ratio Lower Upper
117 100
119 4.4 76.2 114.2#
121 0.0 24.8 37.2#

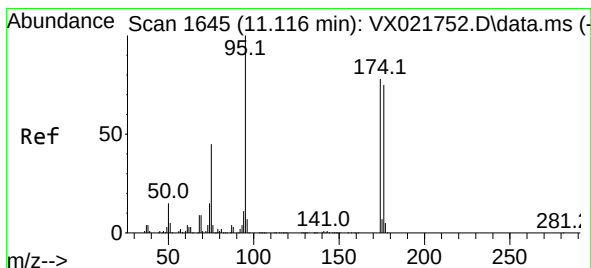
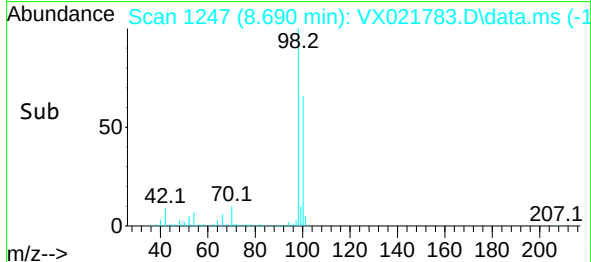
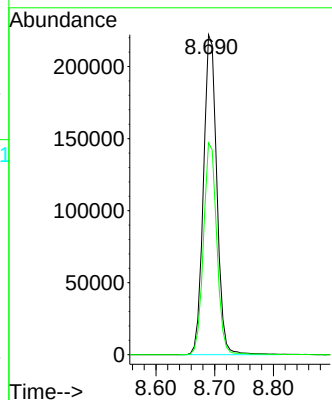
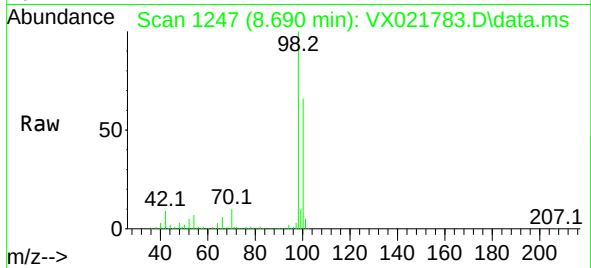




#50
Toluene-d8
Concen: 48.23 ug/l
RT: 8.690 min Scan# 1247
Delta R.T. -0.005 min
Lab File: VX021783.D
Acq: 21 Apr 2021 11:33

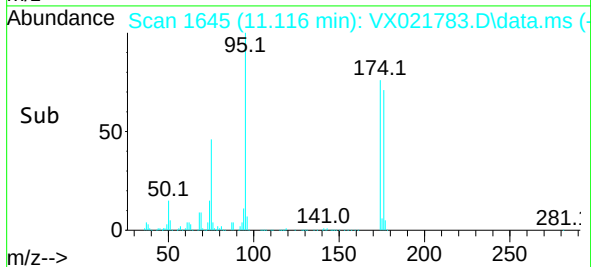
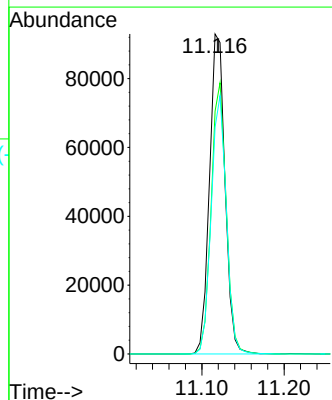
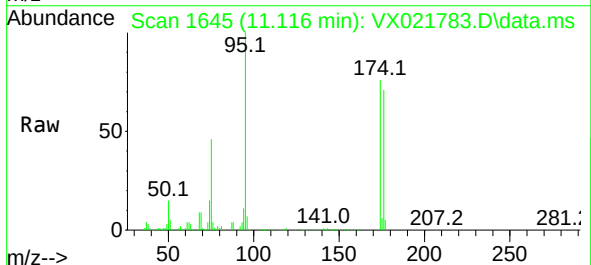
Instrument :
MSVOA_X
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VX0421WBL01

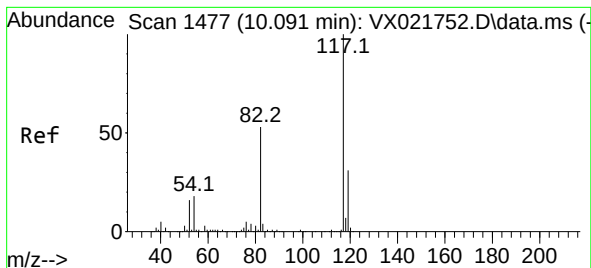
Tgt Ion: 98 Resp: 351358
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 44.75 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.000 min
Lab File: VX021783.D
Acq: 21 Apr 2021 11:33

Tgt Ion: 95 Resp: 121734
Ion Ratio Lower Upper
95 100
174 82.3 0.0 154.6
176 79.1 0.0 155.8

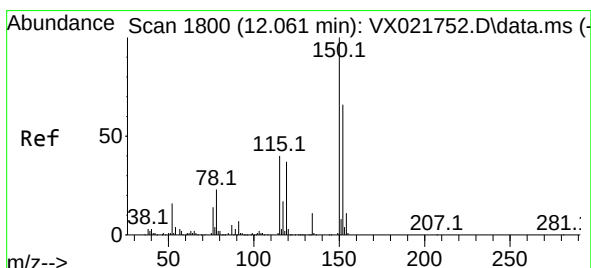
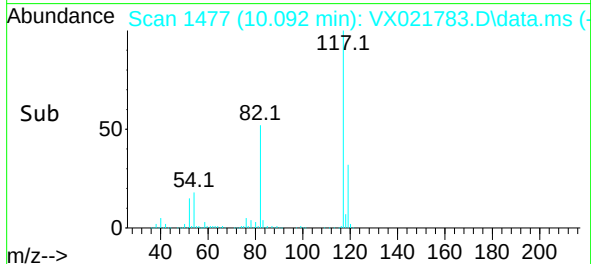
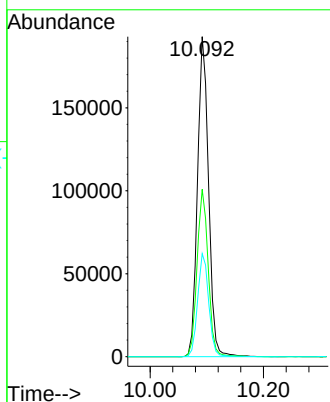
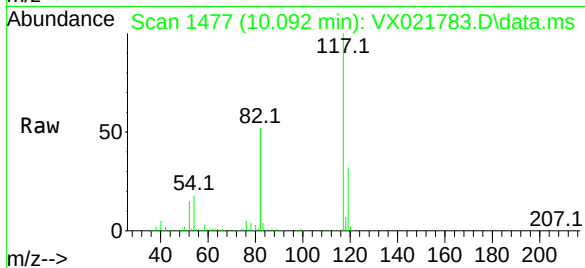




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. 0.001 min
Lab File: VX021783.D
Acq: 21 Apr 2021 11:33

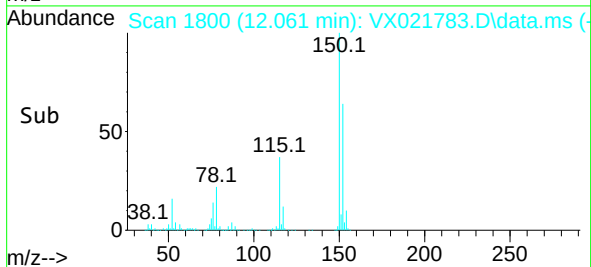
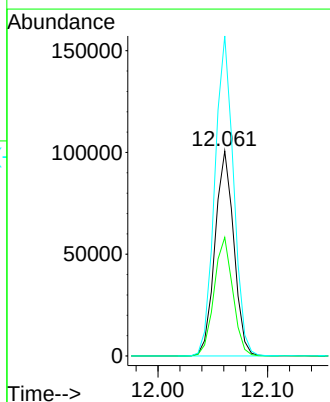
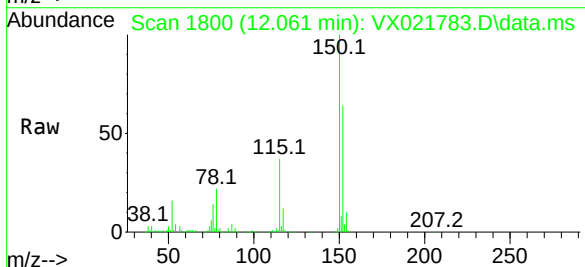
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBL01

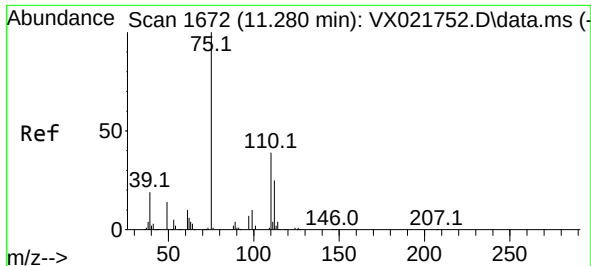
Tgt Ion:117 Resp: 260493
Ion Ratio Lower Upper
117 100
82 52.3 47.4 71.2
119 32.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX021783.D
Acq: 21 Apr 2021 11:33

Tgt Ion:152 Resp: 120285
Ion Ratio Lower Upper
152 100
115 57.6 41.1 123.3
150 155.7 0.0 349.0

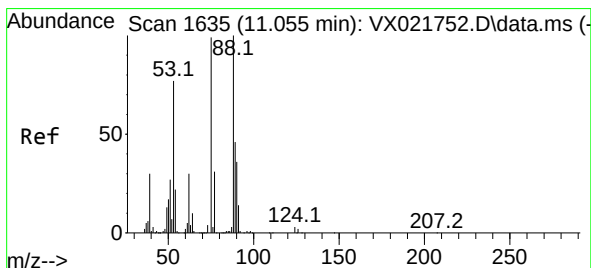
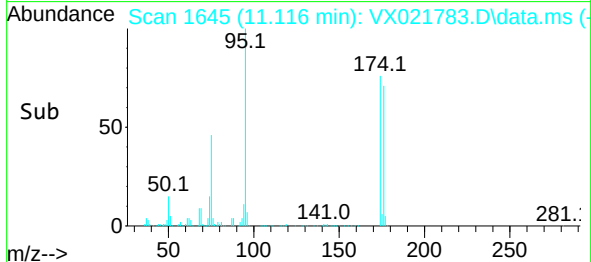
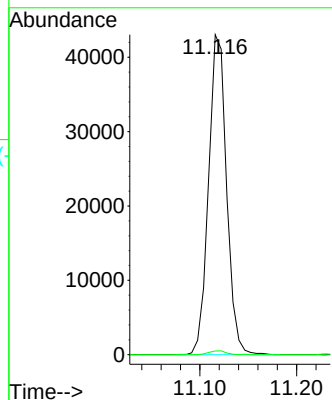
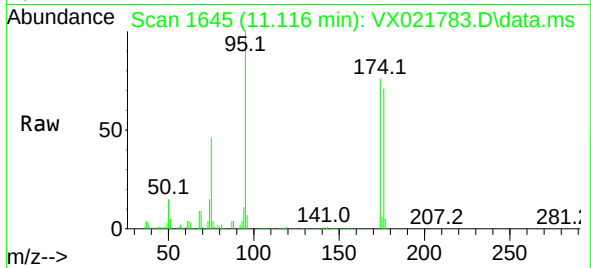




#76
1,2,3-Trichloropropane
Concen: 23.34 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX021783.D
Acq: 21 Apr 2021 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBL01

Tgt Ion: 75 Resp: 55679
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 53.68 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX021783.D
Acq: 21 Apr 2021 11:33

Tgt Ion: 75 Resp: 55679
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

