

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042021\
 Data File : VX021759.D
 Acq On : 20 Apr 2021 17:31
 Operator : JC/MD
 Sample : VX0420WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 21 11:20:23 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)

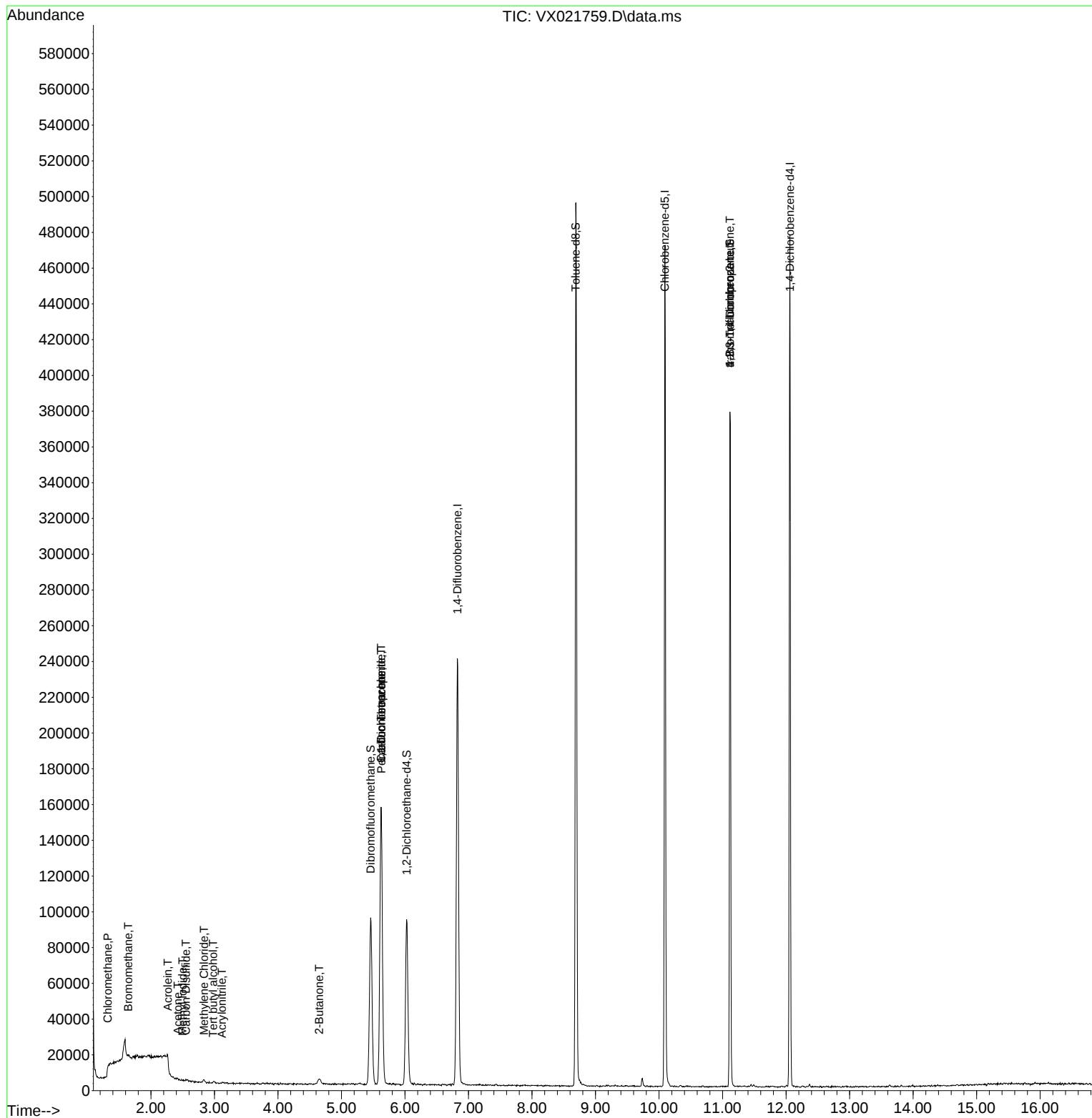
Internal Standards						
1) Pentafluorobenzene	5.629	168	153575	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	256686	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	229302	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	102713	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	88508	50.80	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	101.60%	
35) Dibromofluoromethane	5.458	113	82238	50.10	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	100.20%	
50) Toluene-d8	8.689	98	311427	49.34	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	98.68%	
62) 4-Bromofluorobenzene	11.116	95	107294	45.52	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	91.04%	
Target Compounds						
						Qvalue
3) Chloromethane	1.319	50	3118	1.90	ug/l	98
5) Bromomethane	1.642	94	355	0.46	ug/l	93
10) Methyl Iodide	2.495	142	349	8.41	ug/l #	78
11) Tert butyl alcohol	2.977	59	538	1.41	ug/l #	85
13) Acrolein	2.264	56	385	1.25	ug/l #	14
15) Acrylonitrile	3.117	53	240	0.31	ug/l #	31
16) Acetone	2.422	43	781	1.30	ug/l #	88
17) Carbon Disulfide	2.550	76	997	0.25	ug/l #	86
20) Methylene Chloride	2.837	84	900	0.50	ug/l #	77
25) 2-Butanone	4.647	43	397	0.39	ug/l #	45
36) 1,1-Dichloropropene	5.623	75	10824	4.78	ug/l #	49
38) Carbon Tetrachloride	5.623	117	14926	6.02	ug/l #	17
76) 1,2,3-Trichloropropane	11.116	75	49746	24.42	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	49746	56.16	ug/l #	12

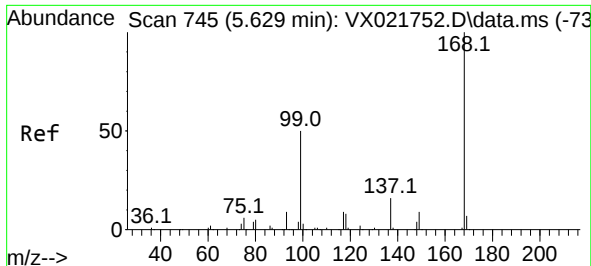
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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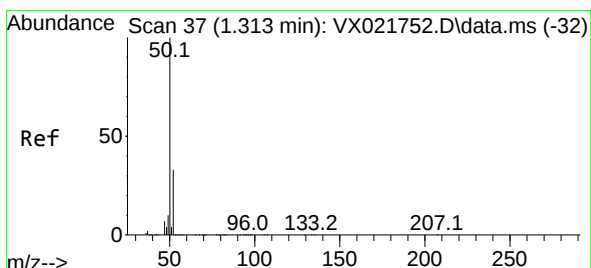
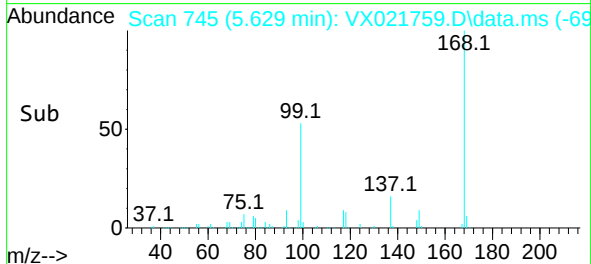
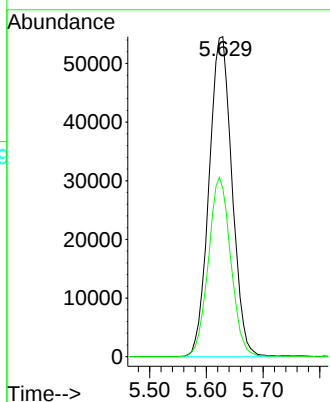
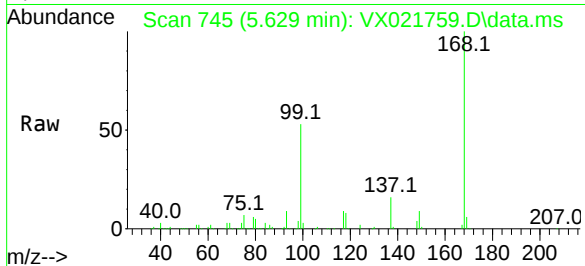




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX021759.D
Acq: 20 Apr 2021 17:31

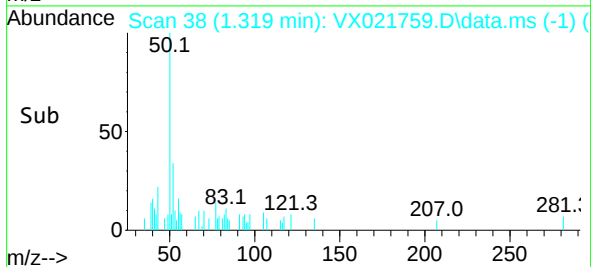
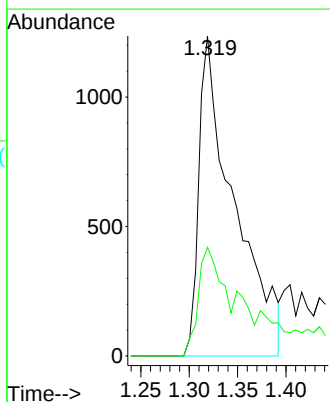
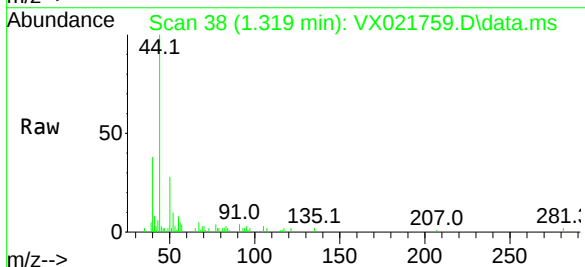
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 153575
Ion Ratio Lower Upper
168 100
99 52.5 45.8 68.6



#3
Chloromethane
Concen: 1.90 ug/l
RT: 1.319 min Scan# 38
Delta R.T. 0.006 min
Lab File: VX021759.D
Acq: 20 Apr 2021 17:31

Tgt Ion: 50 Resp: 3118
Ion Ratio Lower Upper
50 100
52 34.0 26.4 39.6

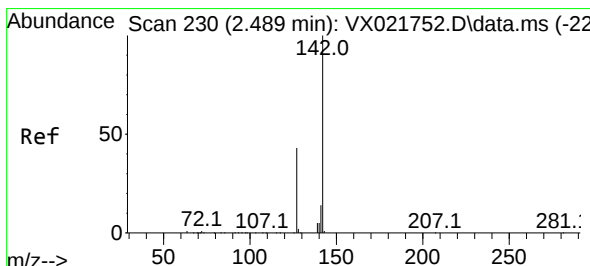
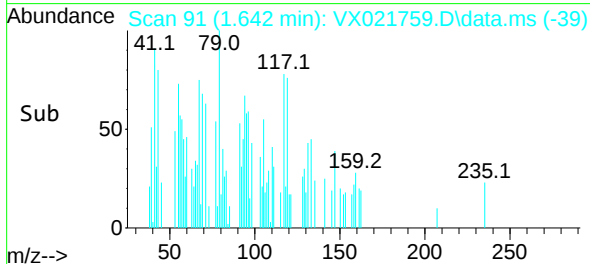
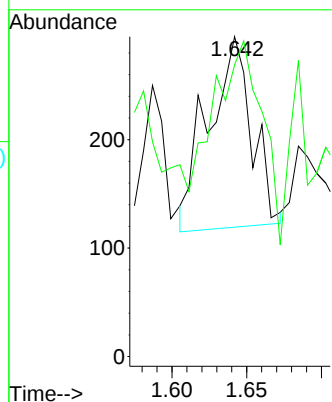
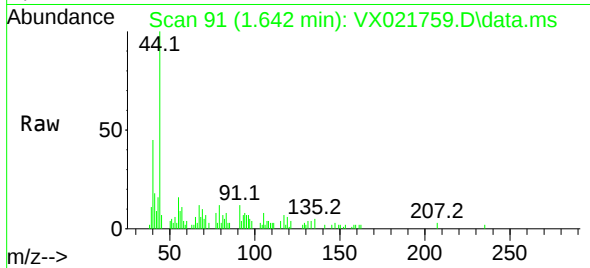




#5
Bromomethane
Concen: 0.46 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.019 min
Lab File: VX021759.D
Acq: 20 Apr 2021 17:31

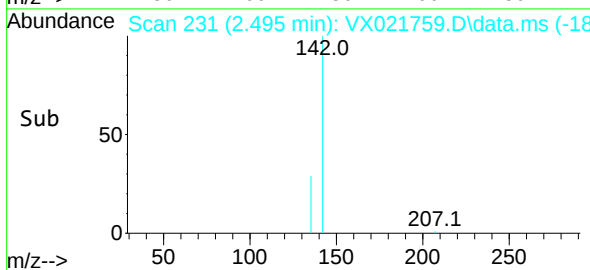
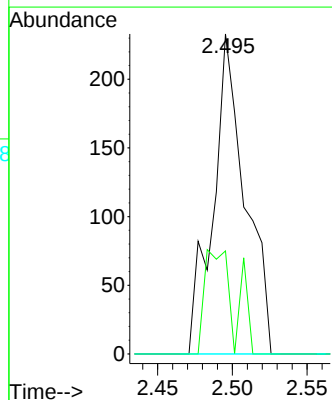
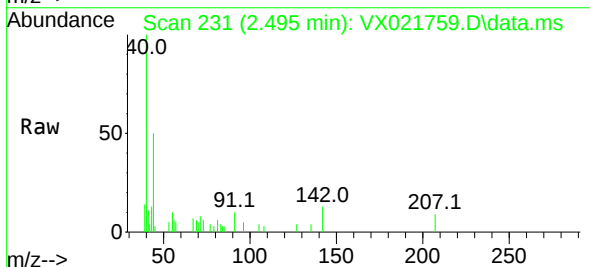
Instrument :
MSVOA_X
ClientSampled :

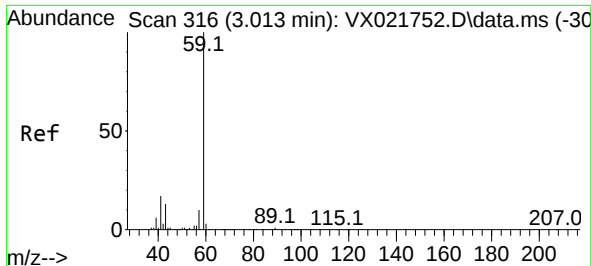
Tgt Ion: 94 Resp: 355
Ion Ratio Lower Upper
94 100
96 102.5 76.4 114.6



#10
Methyl Iodide
Concen: 8.41 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX021759.D
Acq: 20 Apr 2021 17:31

Tgt Ion: 142 Resp: 349
Ion Ratio Lower Upper
142 100
127 30.4 33.3 49.9#
141 0.0 11.4 17.0#

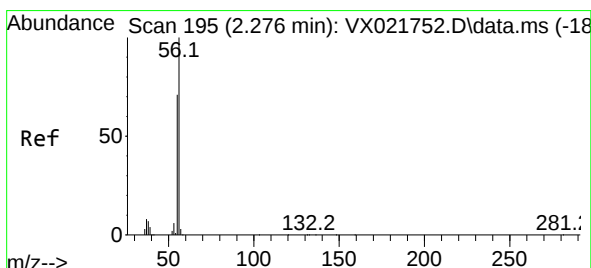
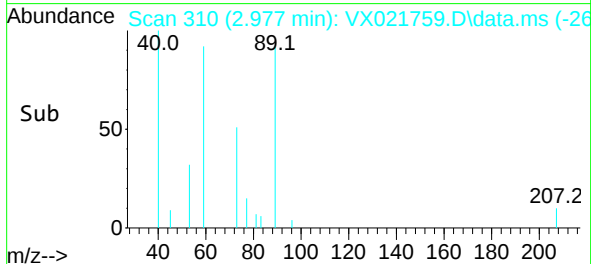
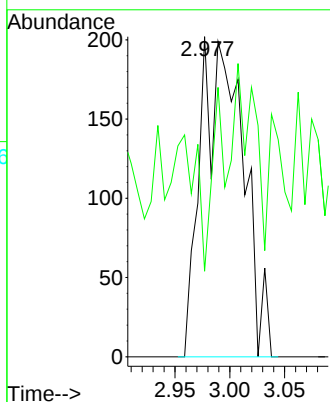
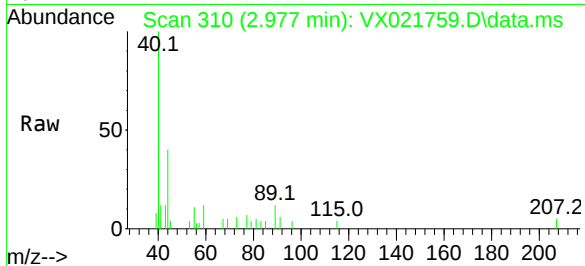




#11
Tert butyl alcohol
Concen: 1.41 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.036 min
Lab File: VX021759.D
Acq: 20 Apr 2021 17:31

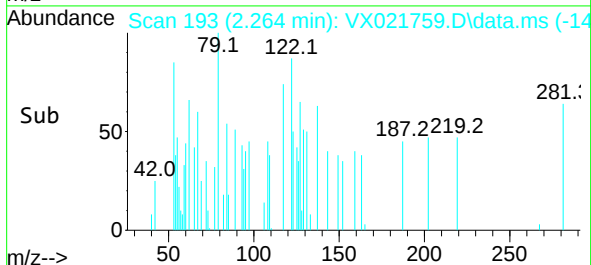
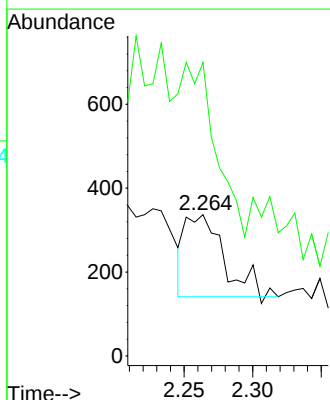
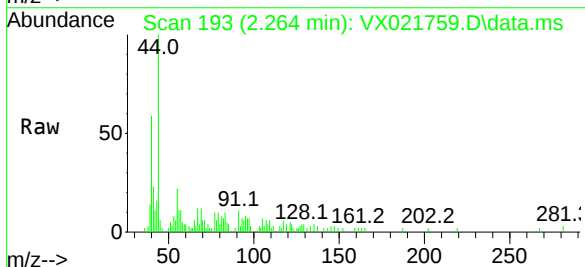
Instrument :
MSVOA_X
ClientSampled :

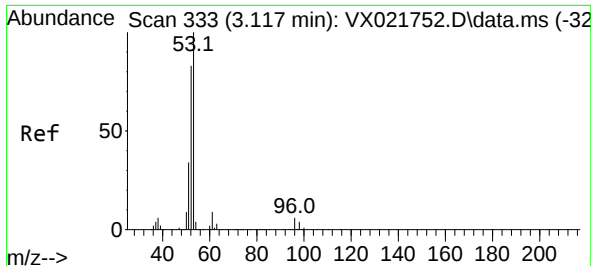
Tgt Ion: 59 Resp: 538
Ion Ratio Lower Upper
59 100
57 15.4 7.8 11.8#



#13
Acrolein
Concen: 1.25 ug/l
RT: 2.264 min Scan# 193
Delta R.T. -0.012 min
Lab File: VX021759.D
Acq: 20 Apr 2021 17:31

Tgt Ion: 56 Resp: 385
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

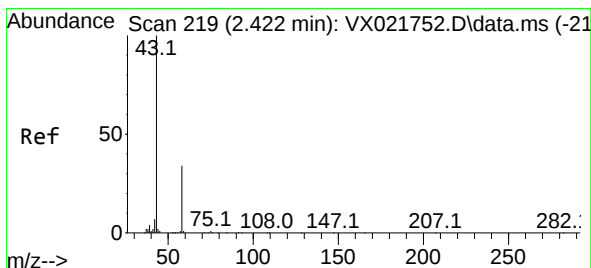
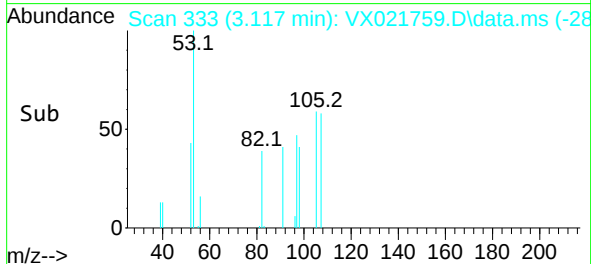
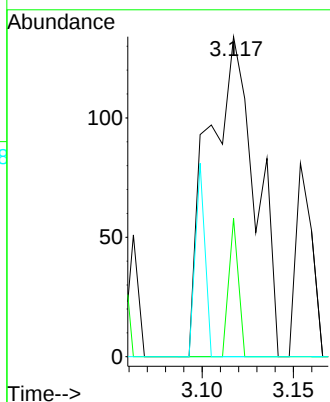
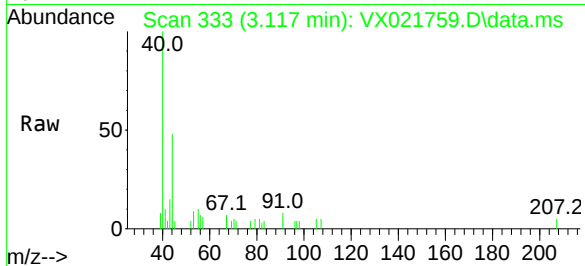




#15
Acrylonitrile
Concen: 0.31 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX021759.D
Acq: 20 Apr 2021 17:31

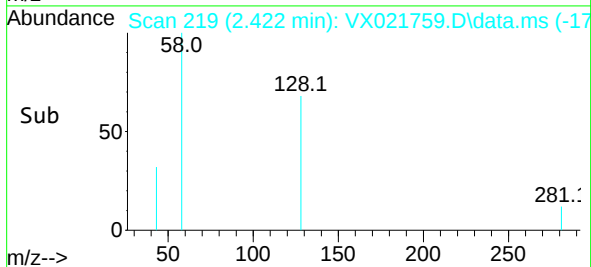
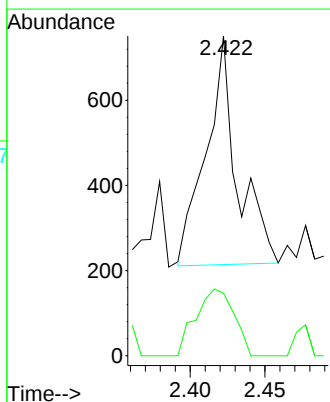
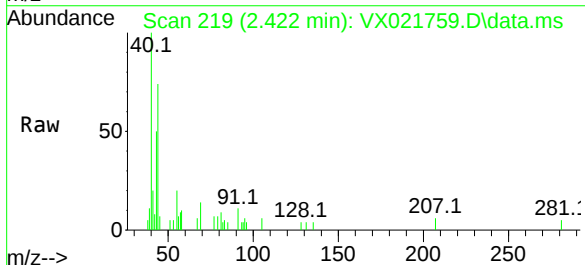
Instrument :
MSVOA_X
ClientSampled :

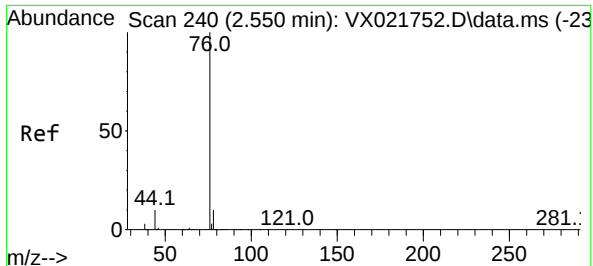
Tgt Ion: 53 Resp: 240
Ion Ratio Lower Upper
53 100
52 8.8 65.3 97.9#
51 12.5 28.2 42.2#



#16
Acetone
Concen: 1.30 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX021759.D
Acq: 20 Apr 2021 17:31

Tgt Ion: 43 Resp: 781
Ion Ratio Lower Upper
43 100
58 27.6 27.8 41.8#

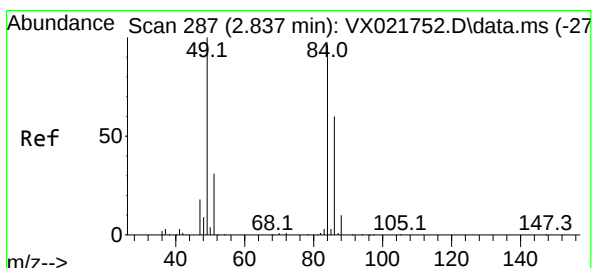
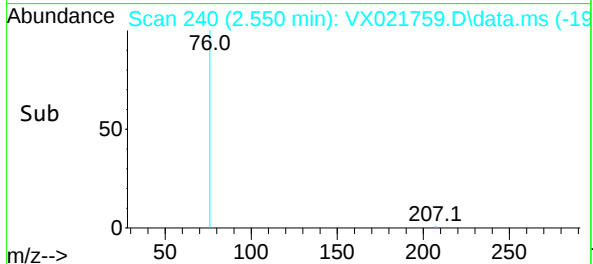
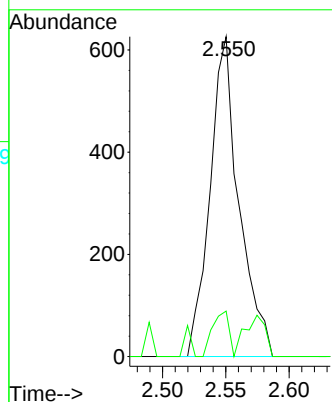
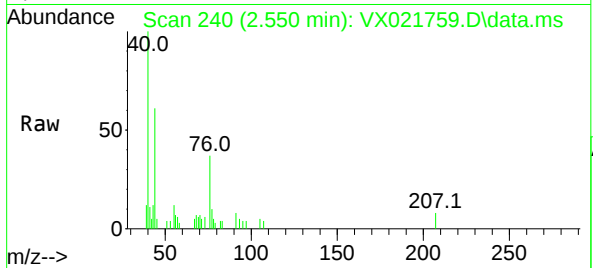




#17
Carbon Disulfide
Concen: 0.25 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.000 min
Lab File: VX021759.D
Acq: 20 Apr 2021 17:31

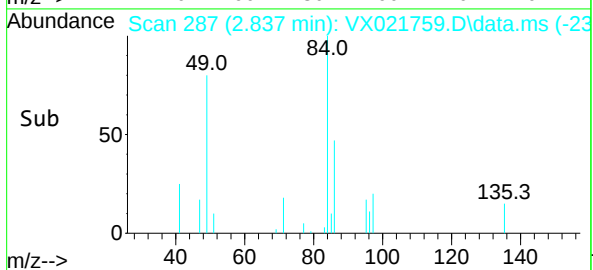
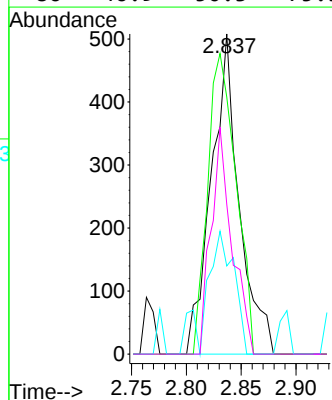
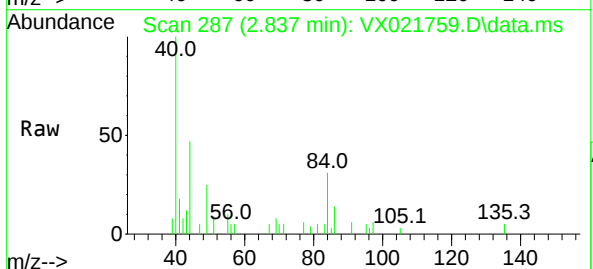
Instrument :
MSVOA_X
ClientSampled :

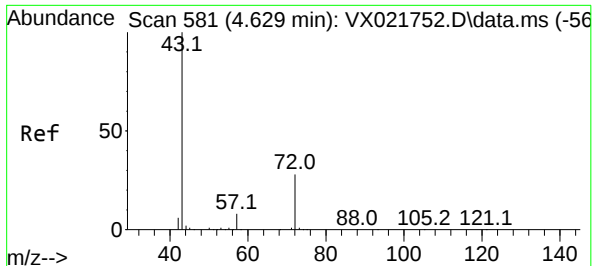
Tgt Ion: 76 Resp: 997
Ion Ratio Lower Upper
76 100
78 14.2 7.2 10.8#



#20
Methylene Chloride
Concen: 0.50 ug/l
RT: 2.837 min Scan# 287
Delta R.T. -0.000 min
Lab File: VX021759.D
Acq: 20 Apr 2021 17:31

Tgt Ion: 84 Resp: 900
Ion Ratio Lower Upper
84 100
49 80.3 88.6 132.8#
51 27.6 27.0 40.6
86 46.9 50.3 75.5#





#25

2-Butanone

Concen: 0.39 ug/l

RT: 4.647 min Scan# 584

Delta R.T. 0.018 min

Lab File: VX021759.D

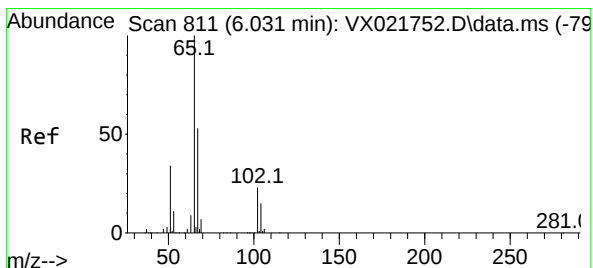
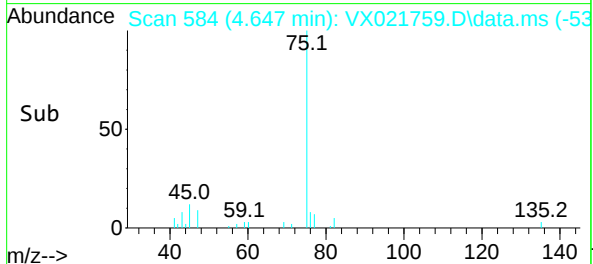
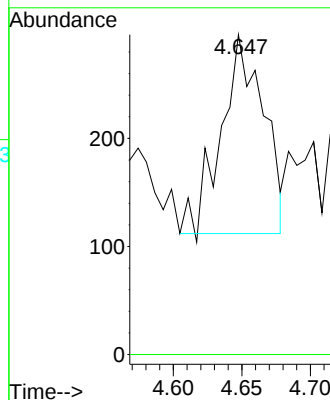
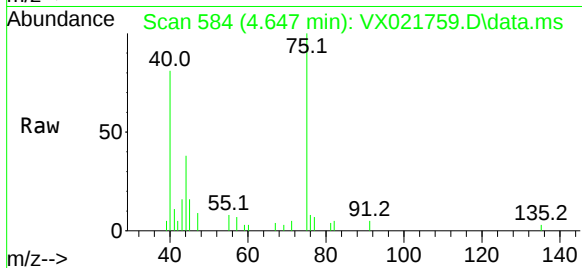
Acq: 20 Apr 2021 17:31

Tgt Ion: 43 Resp: 397

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



#33

1,2-Dichloroethane-d4

Concen: 50.80 ug/l

RT: 6.025 min Scan# 810

Delta R.T. -0.006 min

Lab File: VX021759.D

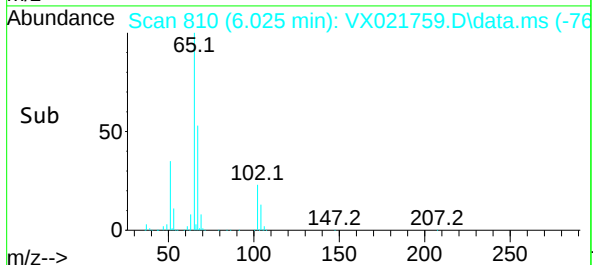
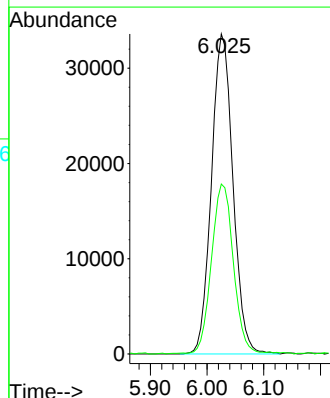
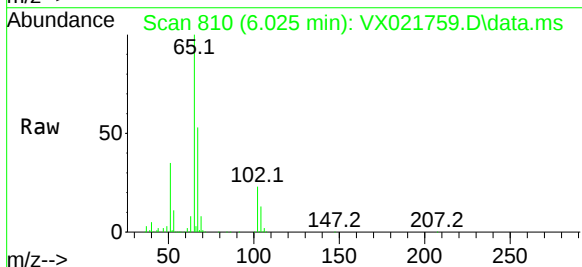
Acq: 20 Apr 2021 17:31

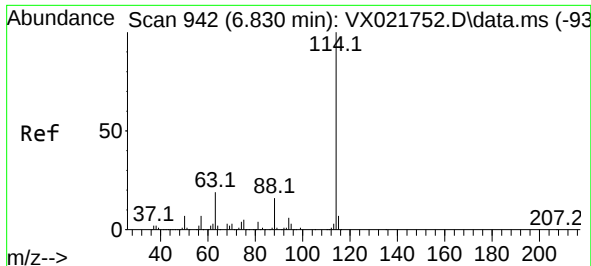
Tgt Ion: 65 Resp: 88508

Ion Ratio Lower Upper

65 100

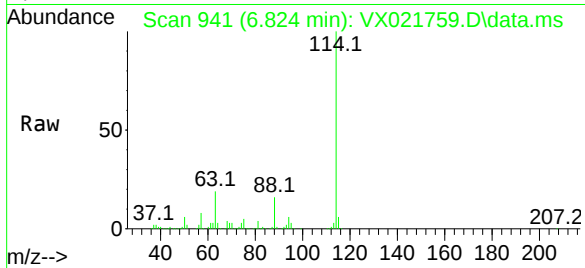
67 54.3 0.0 105.4



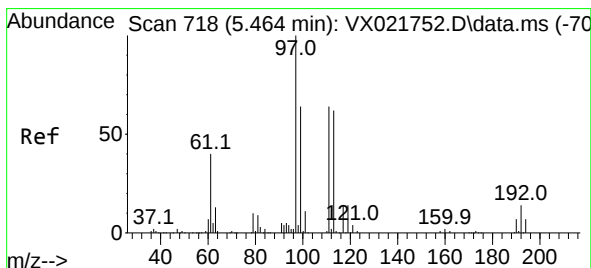
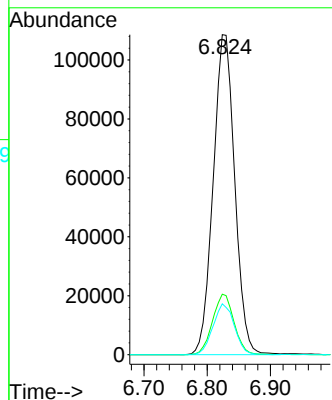
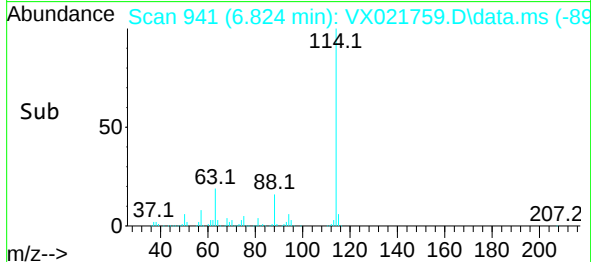


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.824 min Scan# 941
Delta R.T. -0.006 min
Lab File: VX021759.D
Acq: 20 Apr 2021 17:31

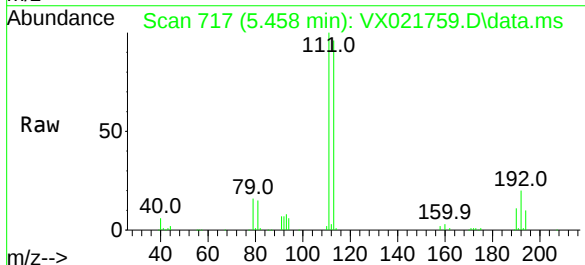
Instrument :
MSVOA_X
ClientSampleId :



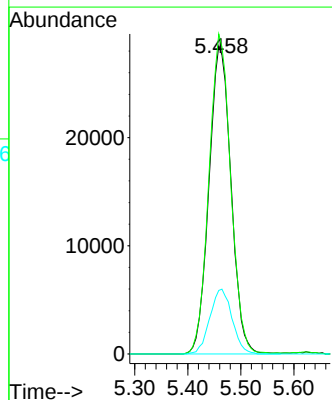
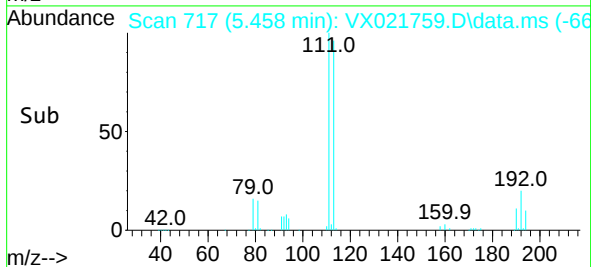
Tgt Ion:114 Resp: 256686
Ion Ratio Lower Upper
114 100
63 18.9 0.0 40.8
88 15.9 0.0 32.8

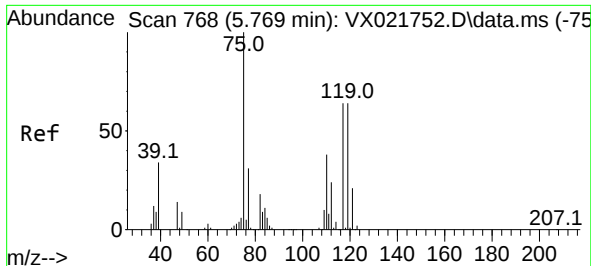


#35
Dibromofluoromethane
Concen: 50.10 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX021759.D
Acq: 20 Apr 2021 17:31



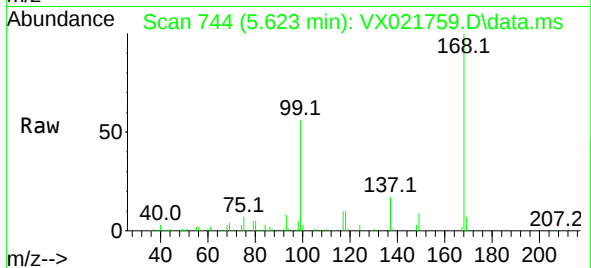
Tgt Ion:113 Resp: 82238
Ion Ratio Lower Upper
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111 102.5 81.9 122.9
192 21.2 16.7 25.1



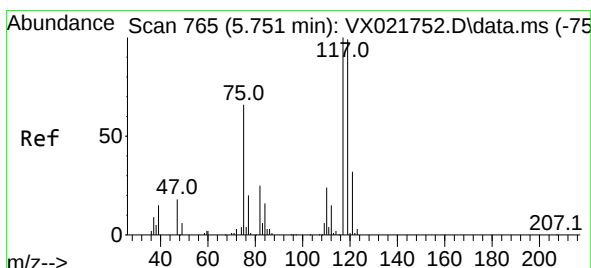
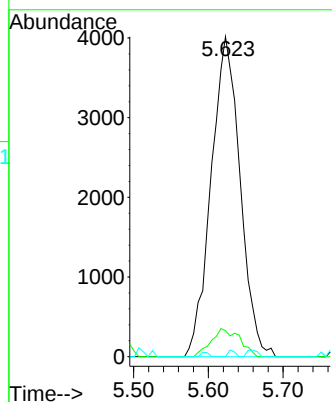
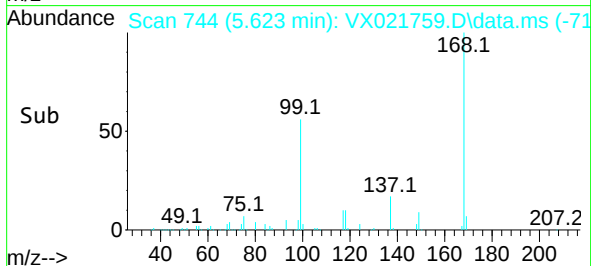


#36
1,1-Dichloropropene
Concen: 4.78 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX021759.D
Acq: 20 Apr 2021 17:31

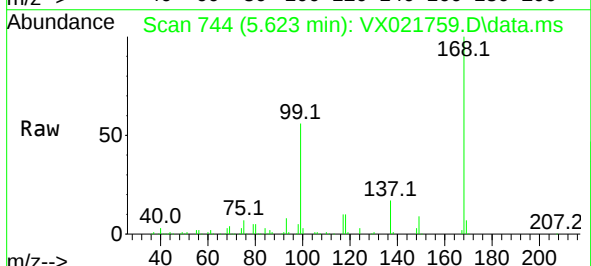
Instrument :
MSVOA_X
ClientSampleId :



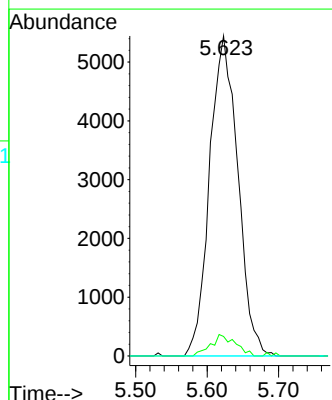
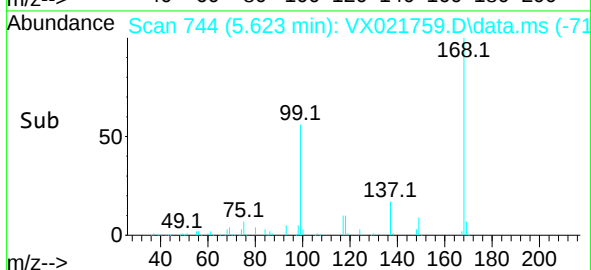
Tgt Ion: 75 Resp: 10824
Ion Ratio Lower Upper
75 100
110 8.6 18.1 54.4#
77 0.5 25.3 37.9#

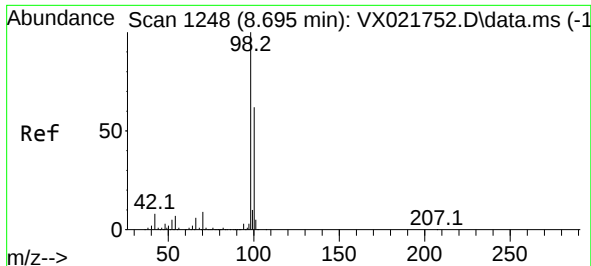


#38
Carbon Tetrachloride
Concen: 6.02 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.128 min
Lab File: VX021759.D
Acq: 20 Apr 2021 17:31



Tgt Ion: 117 Resp: 14926
Ion Ratio Lower Upper
117 100
119 6.1 76.2 114.2#
121 0.0 24.8 37.2#

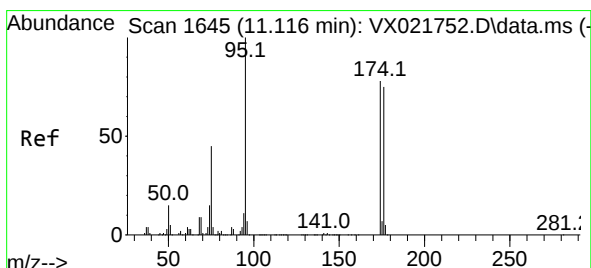
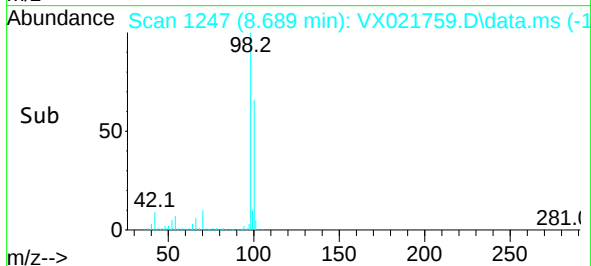
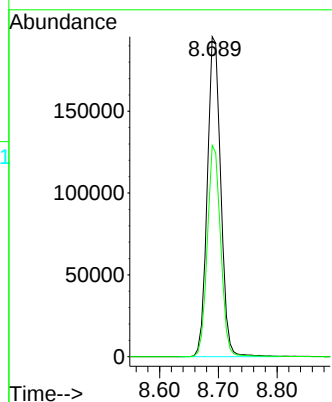
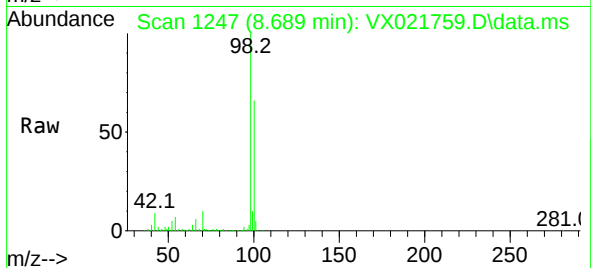




#50
Toluene-d8
Concen: 49.34 ug/l
RT: 8.689 min Scan# 1247
Delta R.T. -0.006 min
Lab File: VX021759.D
Acq: 20 Apr 2021 17:31

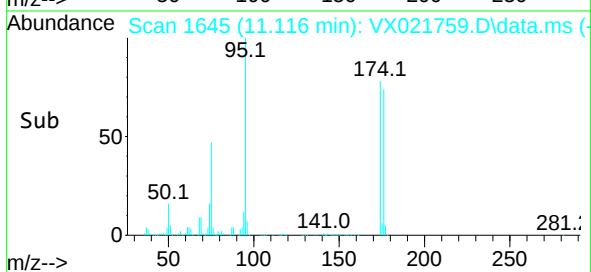
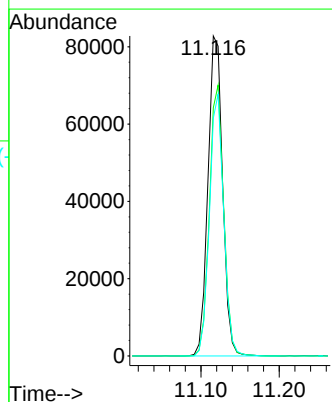
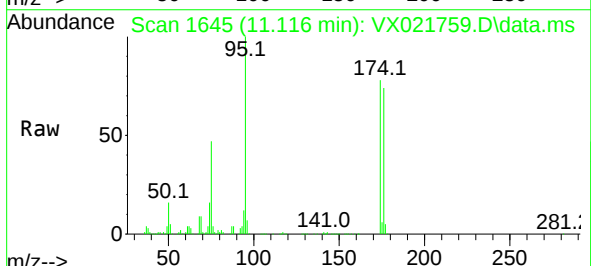
Instrument :
MSVOA_X
ClientSampled :

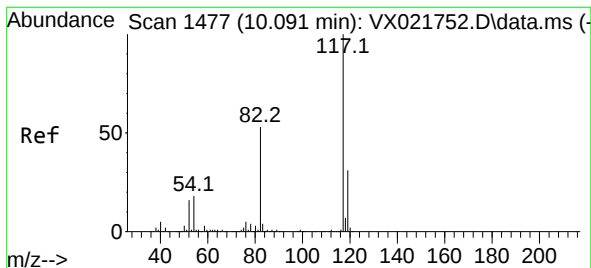
Tgt Ion: 98 Resp: 311427
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.52 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.000 min
Lab File: VX021759.D
Acq: 20 Apr 2021 17:31

Tgt Ion: 95 Resp: 107294
Ion Ratio Lower Upper
95 100
174 82.6 0.0 154.6
176 79.6 0.0 155.8

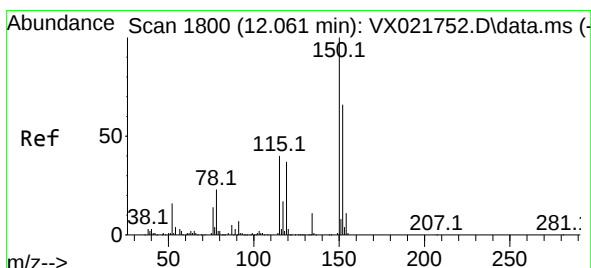
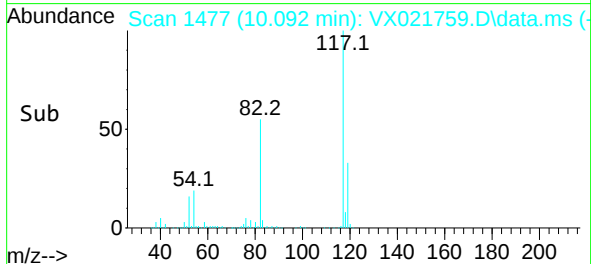
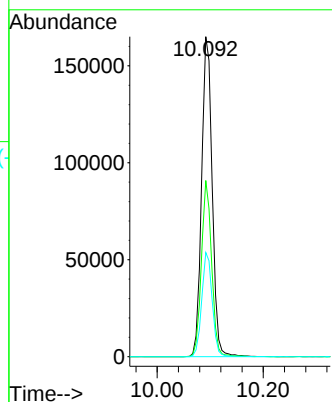
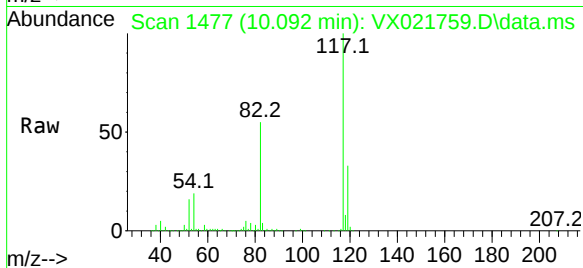




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. 0.001 min
Lab File: VX021759.D
Acq: 20 Apr 2021 17:31

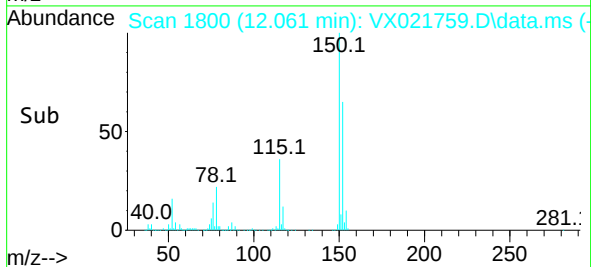
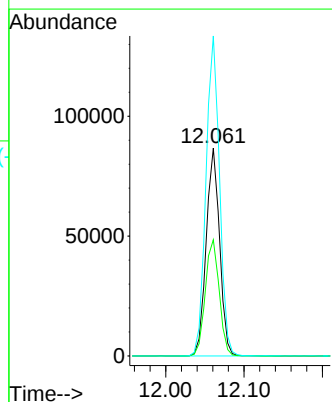
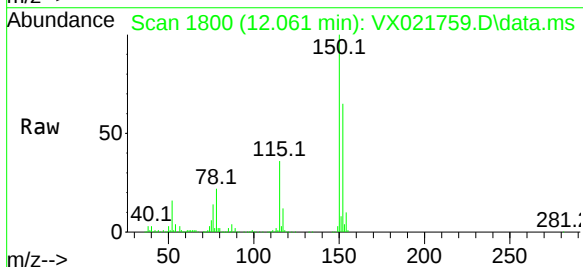
Instrument :
MSVOA_X
ClientSampled :

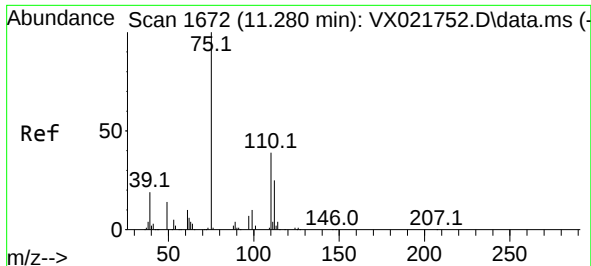
Tgt Ion:117 Resp: 229302
Ion Ratio Lower Upper
117 100
82 55.1 47.4 71.2
119 32.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX021759.D
Acq: 20 Apr 2021 17:31

Tgt Ion:152 Resp: 102713
Ion Ratio Lower Upper
152 100
115 58.2 41.1 123.3
150 155.6 0.0 349.0

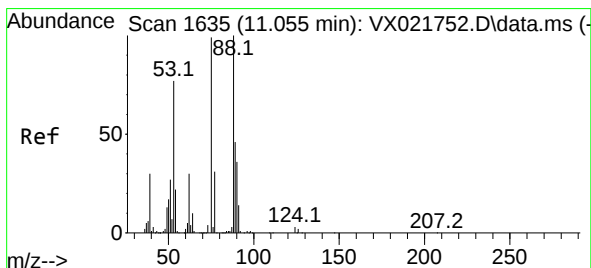
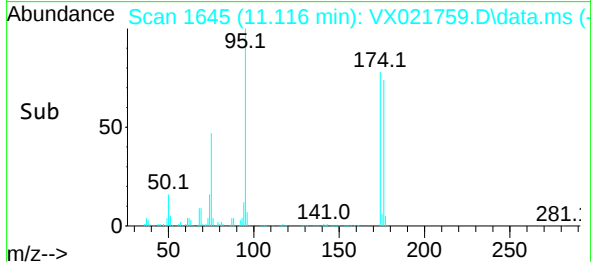
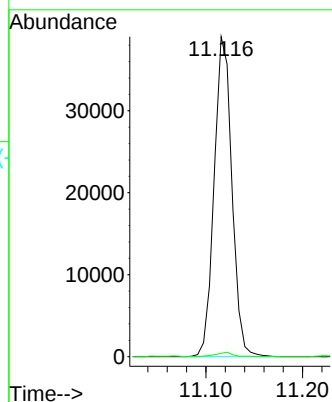
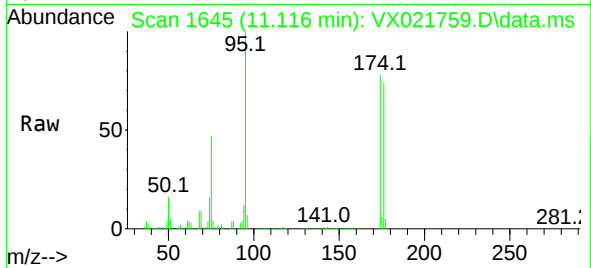




#76
1,2,3-Trichloropropane
Concen: 24.42 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX021759.D
Acq: 20 Apr 2021 17:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 49746
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.16 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX021759.D
Acq: 20 Apr 2021 17:31

Tgt Ion: 75 Resp: 49746
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

