

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012621\
 Data File : VX020742.D
 Acq On : 26 Jan 2021 10:29
 Operator : JC/SP
 Sample : VX0126MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 26 14:37:51 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	5.617	168	301752	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.824	114	511071	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	483308	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	213865	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	199016	48.35	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.70%
35) Dibromofluoromethane	5.458	113	168814	48.22	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.44%
50) Toluene-d8	8.689	98	634315	49.42	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.84%
62) 4-Bromofluorobenzene	11.122	95	226763	45.50	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.00%

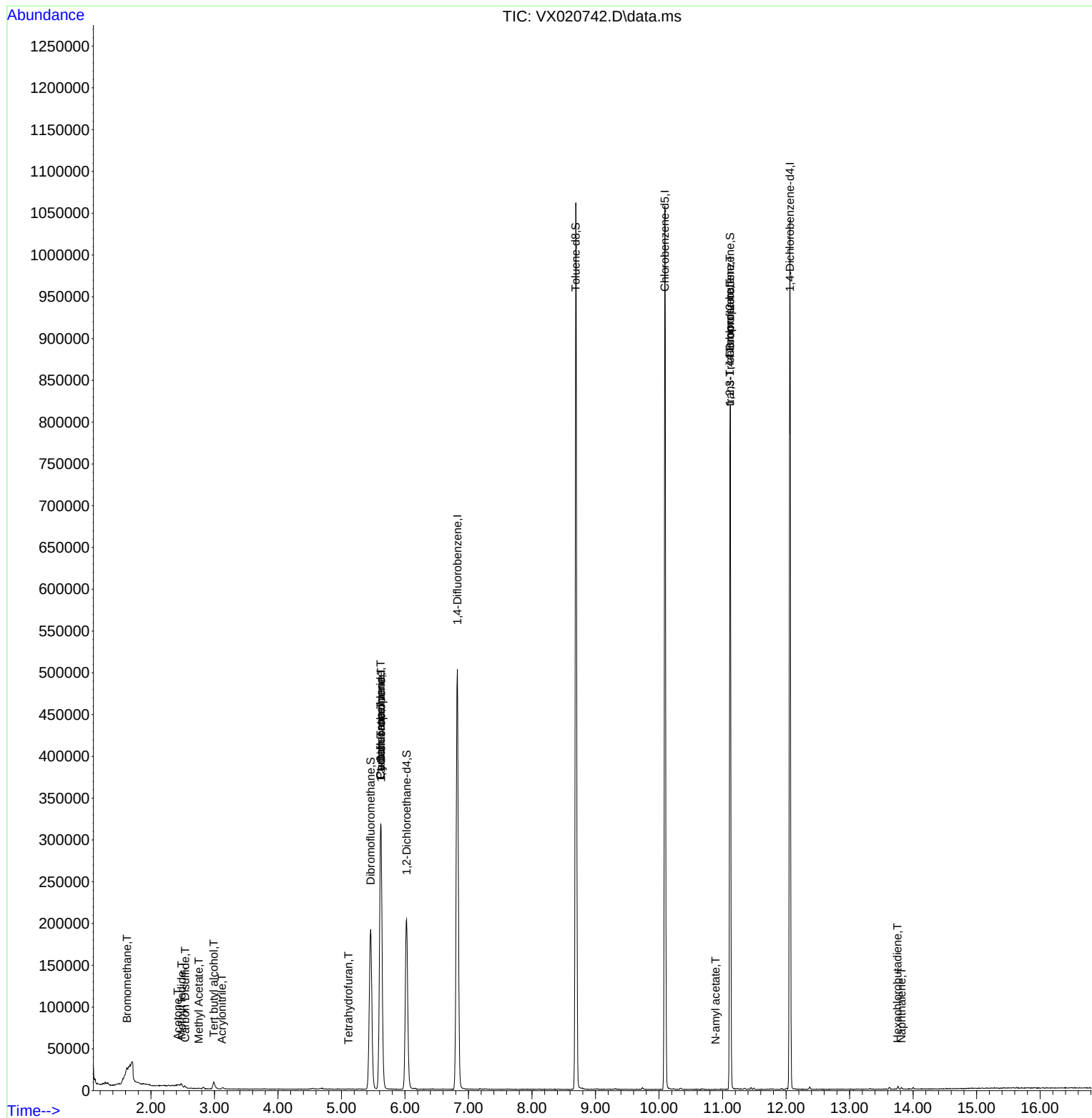
Target Compounds						Qvalue
5) Bromomethane	1.624	94	1152	0.57	ug/l #	78
10) Methyl Iodide	2.483	142	2403	0.58	ug/l #	88
11) Tert butyl alcohol	2.989	59	4939	6.43	ug/l #	76
15) Acrylonitrile	3.117	53	513	0.26	ug/l #	82
16) Acetone	2.422	43	1370	0.88	ug/l	92
17) Carbon Disulfide	2.538	76	2606	1.17	ug/l	100
18) Methyl Acetate	2.751	43	929	0.23	ug/l #	79
29) Tetrahydrofuran	5.111	42	467	0.30	ug/l #	52
31) Cyclohexane	5.617	56	5500	0.99	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	22739	4.43	ug/l #	50
38) Carbon Tetrachloride	5.617	117	30886	5.73	ug/l #	17
74) N-amyl acetate	10.890	43	72	2.02	ug/l #	38
76) 1,2,3-Trichloropropane	11.116	75	111608	22.50	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	111608	63.05	ug/l #	12
94) Hexachlorobutadiene	13.756	225	611	0.29	ug/l	91
95) Naphthalene	13.816	128	1689	2.97	ug/l #	89

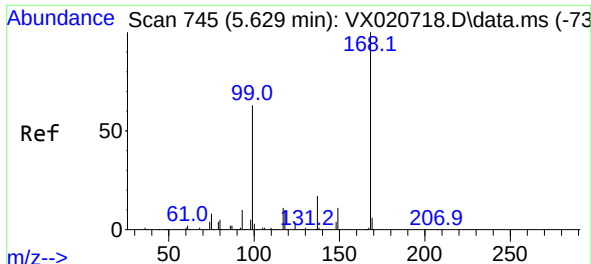
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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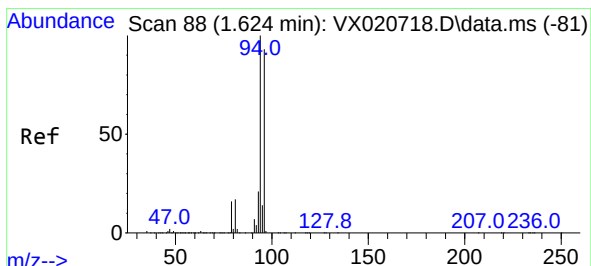
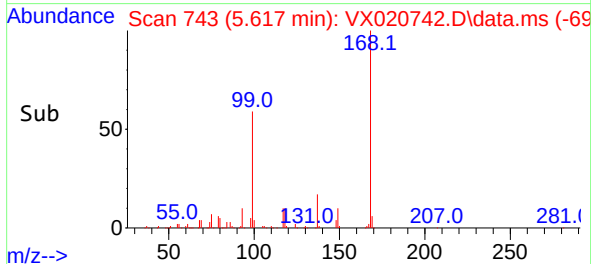
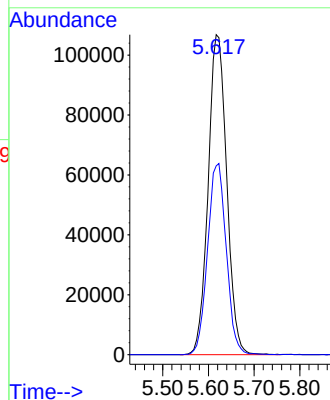
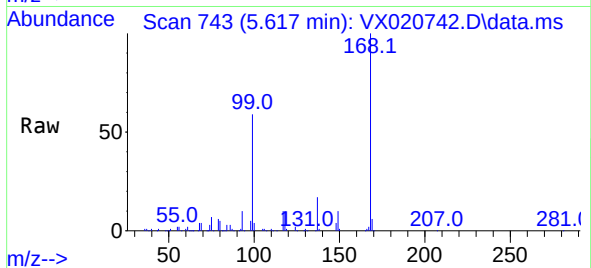




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.617 min Scan# 743
Delta R.T. -0.012 min
Lab File: VX020742.D
Acq: 26 Jan 2021 10:29

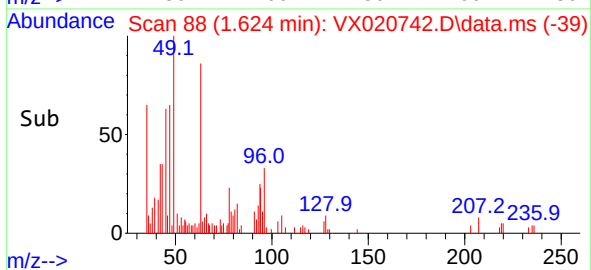
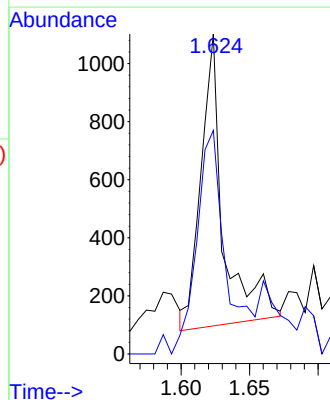
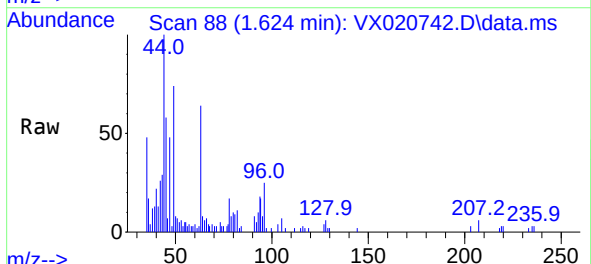
Instrument :
MSVOA_X
ClientSampled :

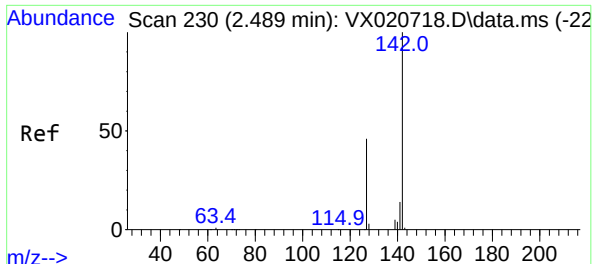
Tgt Ion:168 Resp: 301752
Ion Ratio Lower Upper
168 100
99 59.0 45.8 68.6



#5
Bromomethane
Concen: 0.57 ug/l
RT: 1.624 min Scan# 88
Delta R.T. -0.000 min
Lab File: VX020742.D
Acq: 26 Jan 2021 10:29

Tgt Ion: 94 Resp: 1152
Ion Ratio Lower Upper
94 100
96 73.9 76.4 114.6#

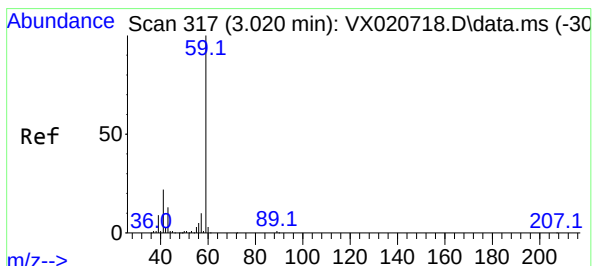
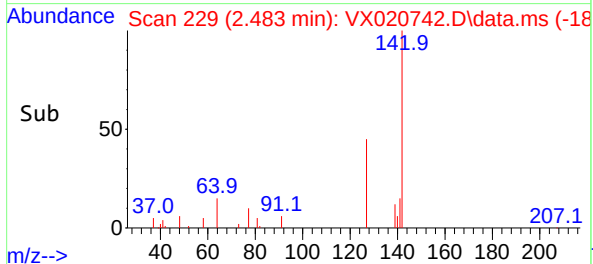
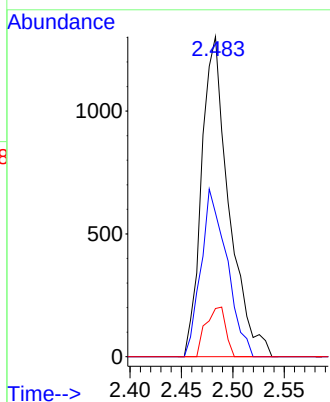
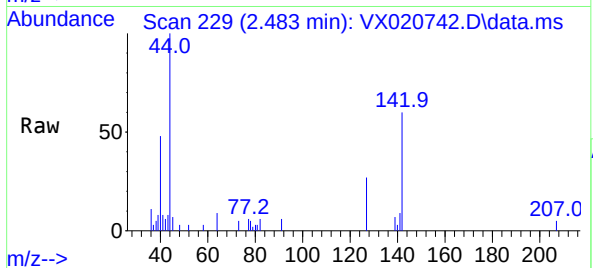




#10
Methyl Iodide
Concen: 0.58 ug/l
RT: 2.483 min Scan# 229
Delta R.T. -0.006 min
Lab File: VX020742.D
Acq: 26 Jan 2021 10:29

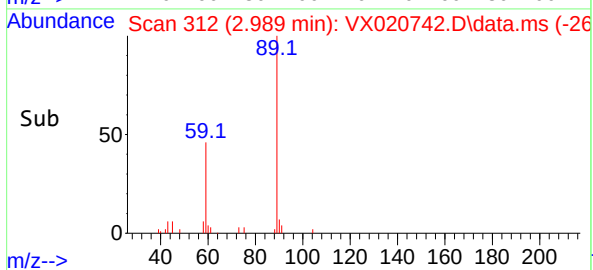
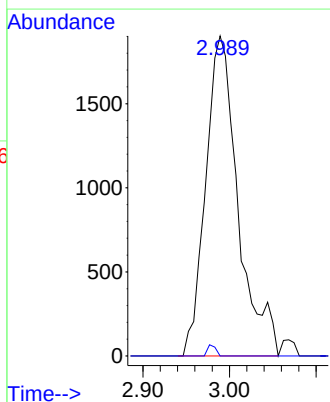
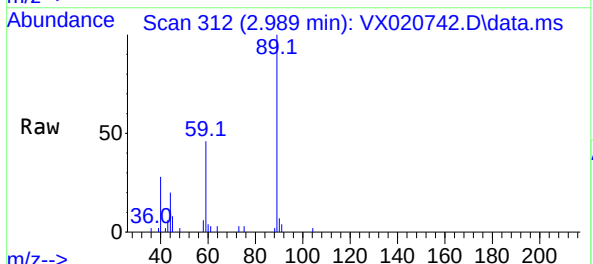
Instrument :
MSVOA_X
ClientSampleId :

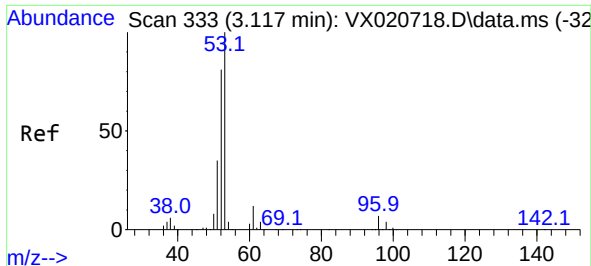
Tgt Ion:142 Resp: 2403
Ion Ratio Lower Upper
142 100
127 49.8 33.3 49.9
141 11.2 11.4 17.0#



#11
Tert butyl alcohol
Concen: 6.43 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.031 min
Lab File: VX020742.D
Acq: 26 Jan 2021 10:29

Tgt Ion: 59 Resp: 4939
Ion Ratio Lower Upper
59 100
57 0.9 7.8 11.8#

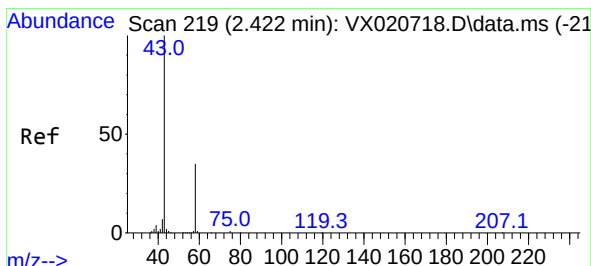
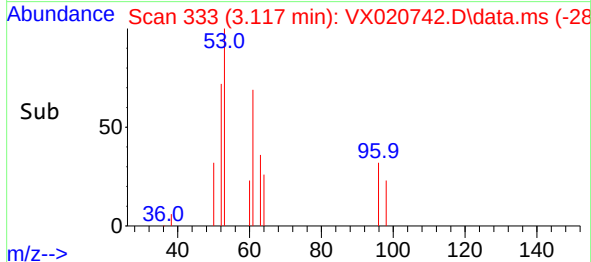
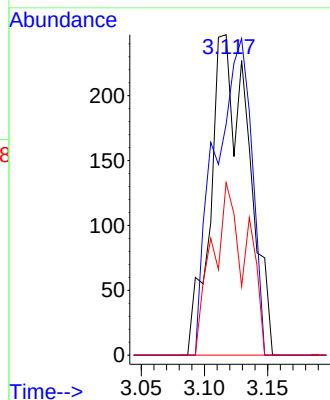
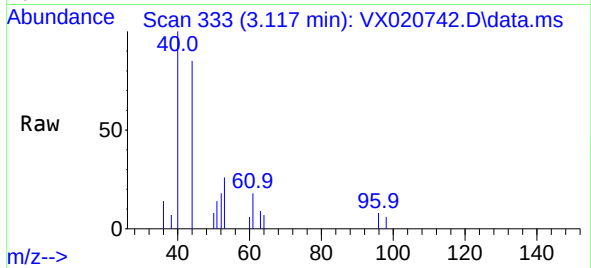




#15
Acrylonitrile
Concen: 0.26 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX020742.D
Acq: 26 Jan 2021 10:29

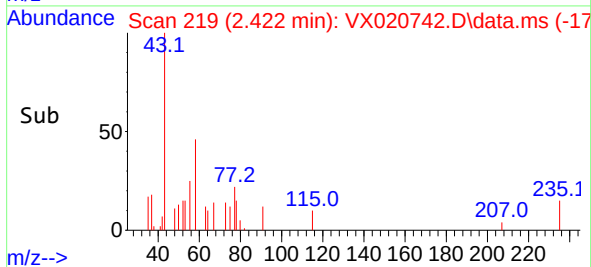
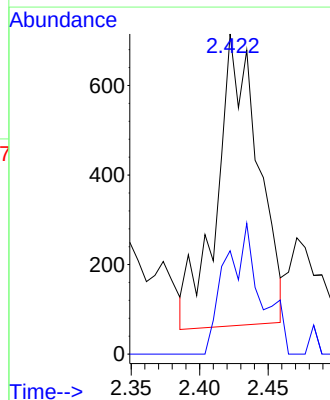
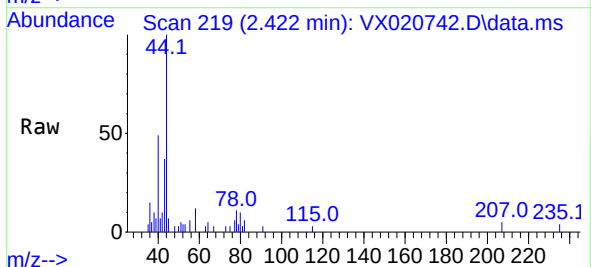
Instrument :
MSVOA_X
ClientSampleId :

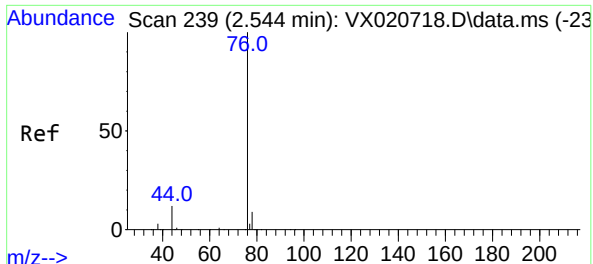
Tgt Ion:	53	Resp:	513
Ion	Ratio	Lower	Upper
53	100		
52	95.5	65.3	97.9
51	48.5	28.2	42.2#



#16
Acetone
Concen: 0.88 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX020742.D
Acq: 26 Jan 2021 10:29

Tgt Ion:	43	Resp:	1370
Ion	Ratio	Lower	Upper
43	100		
58	39.3	27.8	41.8

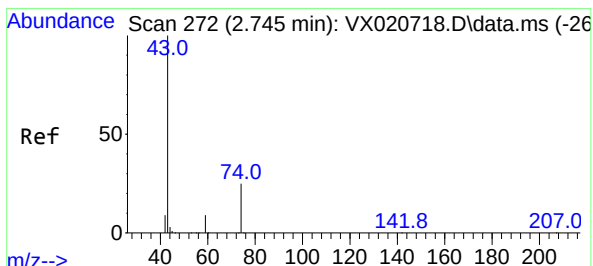
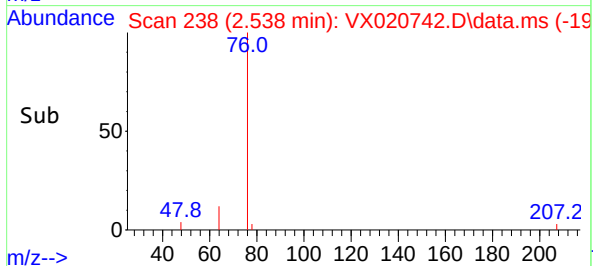
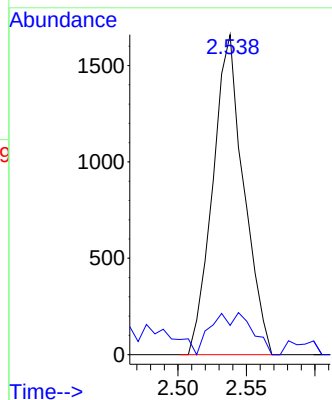
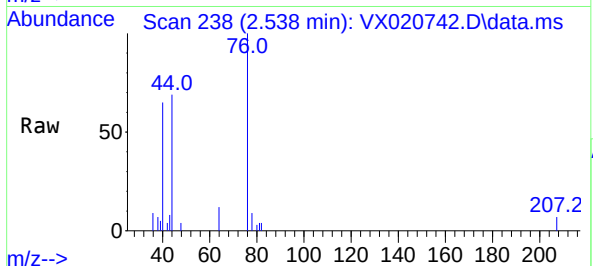




#17
Carbon Disulfide
Concen: 1.17 ug/l
RT: 2.538 min Scan# 238
Delta R.T. -0.006 min
Lab File: VX020742.D
Acq: 26 Jan 2021 10:29

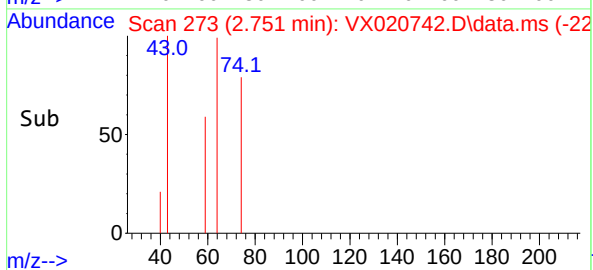
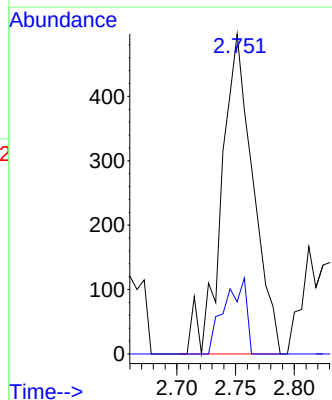
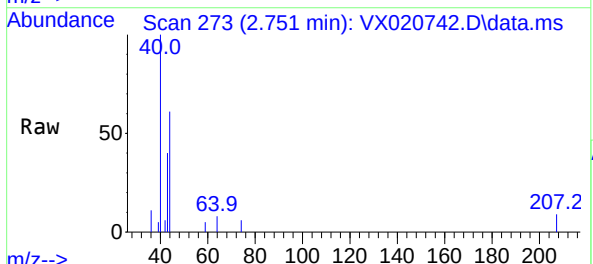
Instrument :
MSVOA_X
ClientSampleId :

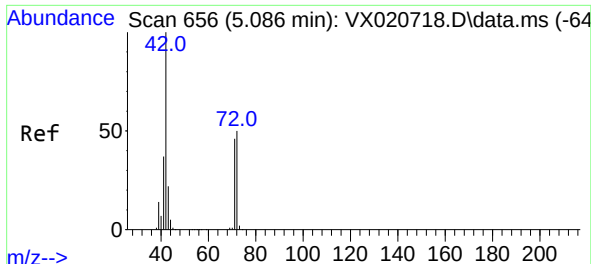
Tgt Ion: 76 Resp: 2606
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 0.23 ug/l
RT: 2.751 min Scan# 273
Delta R.T. 0.006 min
Lab File: VX020742.D
Acq: 26 Jan 2021 10:29

Tgt Ion: 43 Resp: 929
Ion Ratio Lower Upper
43 100
74 16.6 21.9 32.9#





#29

Tetrahydrofuran

Concen: 0.30 ug/l

RT: 5.111 min Scan# 660

Delta R.T. 0.025 min

Lab File: VX020742.D

Acq: 26 Jan 2021 10:29

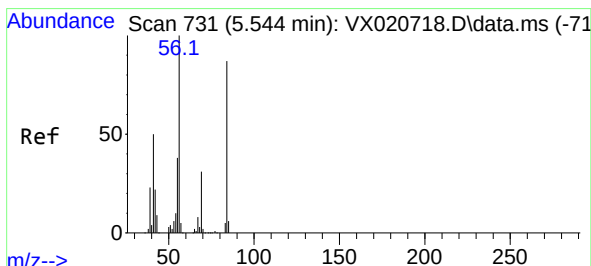
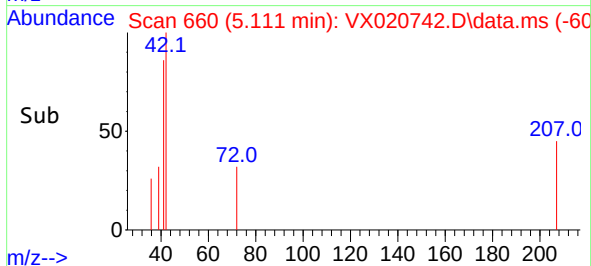
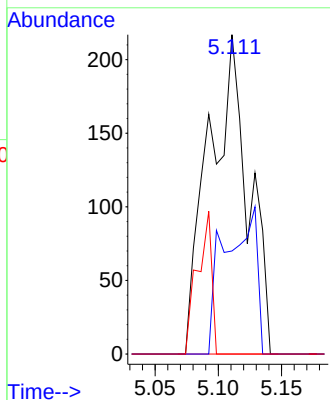
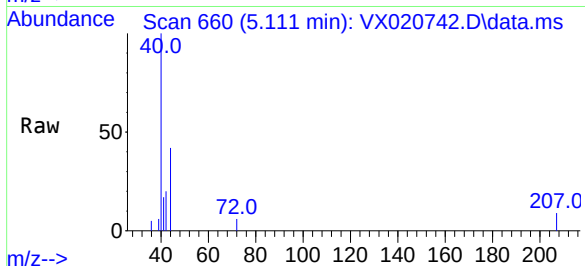
Tgt Ion: 42 Resp: 467

Ion Ratio Lower Upper

42 100

72 17.6 41.7 62.5#

71 16.5 38.4 57.6#



#31

Cyclohexane

Concen: 0.99 ug/l

RT: 5.617 min Scan# 743

Delta R.T. 0.073 min

Lab File: VX020742.D

Acq: 26 Jan 2021 10:29

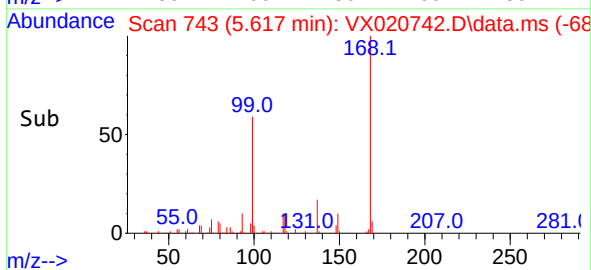
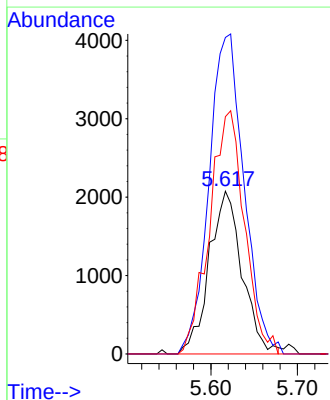
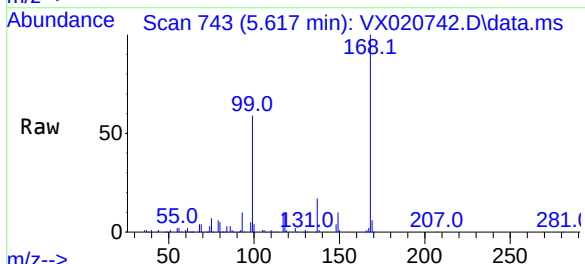
Tgt Ion: 56 Resp: 5500

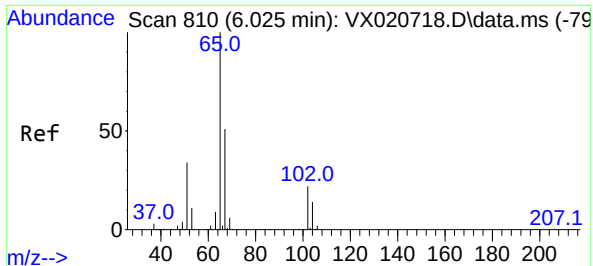
Ion Ratio Lower Upper

56 100

69 194.6 25.3 37.9#

84 145.9 71.4 107.0#



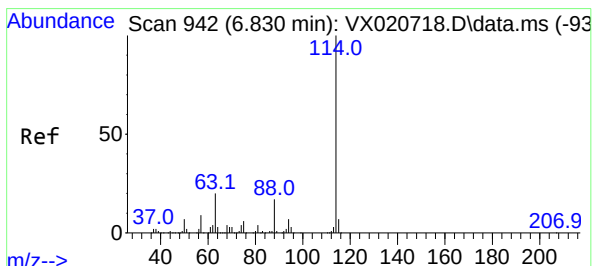
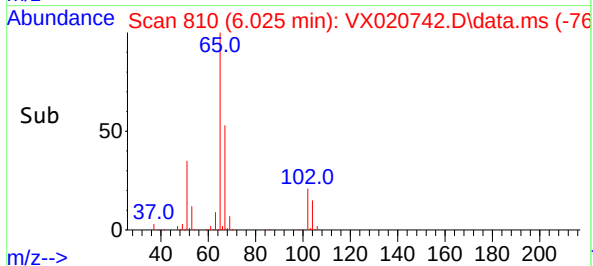
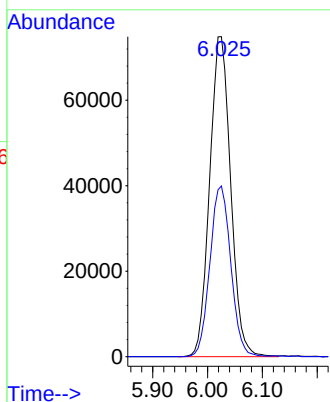
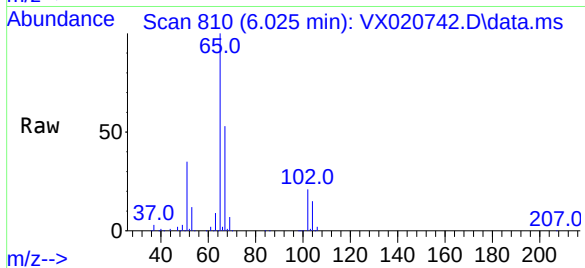


#33

1,2-Dichloroethane-d4
Concen: 48.35 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020742.D
Acq: 26 Jan 2021 10:29

Instrument :
MSVOA_X
ClientSampled :

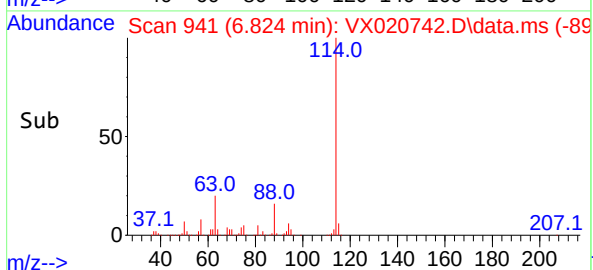
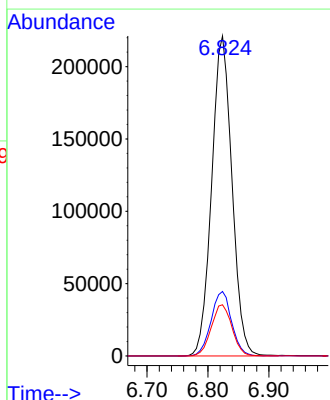
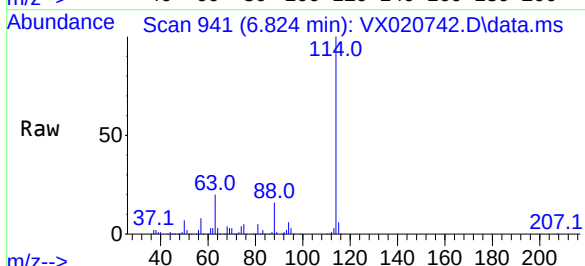
Tgt Ion: 65 Resp: 199016
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.4

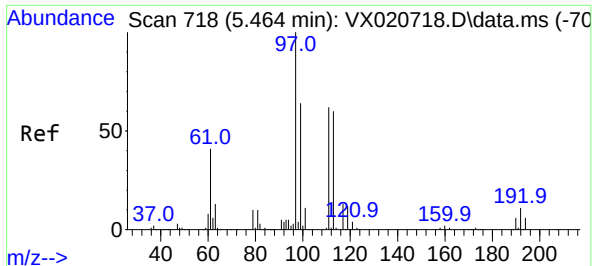


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.824 min Scan# 941
Delta R.T. -0.006 min
Lab File: VX020742.D
Acq: 26 Jan 2021 10:29

Tgt Ion: 114 Resp: 511071
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.8
88 16.0 0.0 32.8

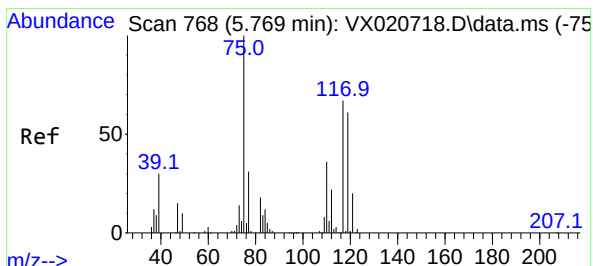
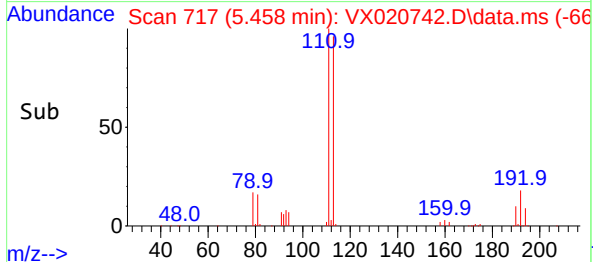
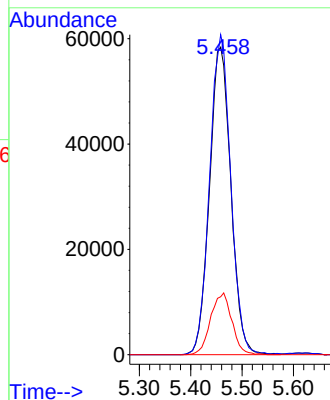
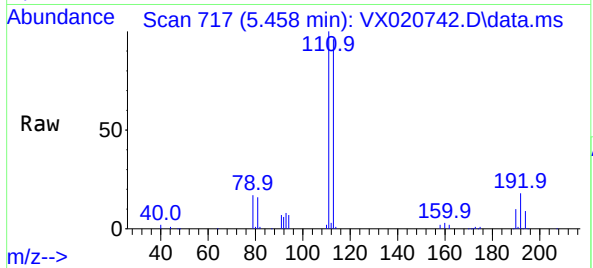




#35
Dibromofluoromethane
Concen: 48.22 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX020742.D
Acq: 26 Jan 2021 10:29

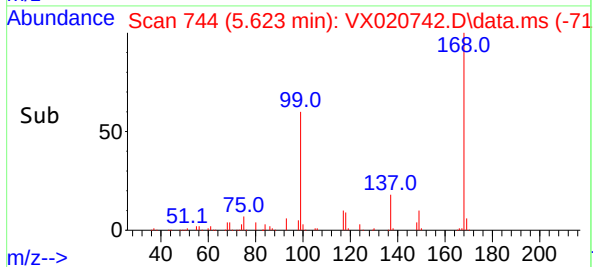
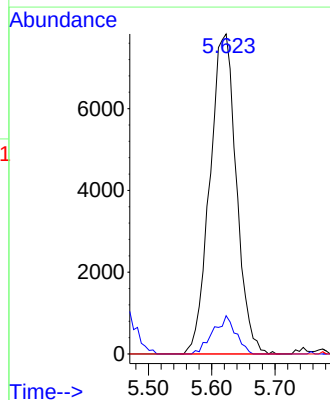
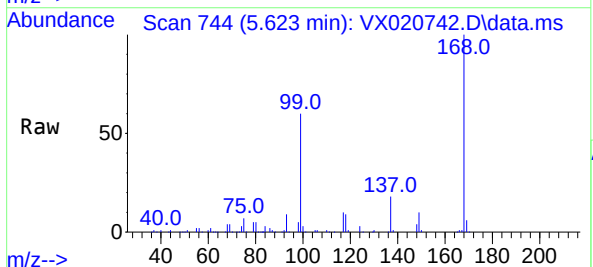
Instrument :
MSVOA_X
ClientSampleId :

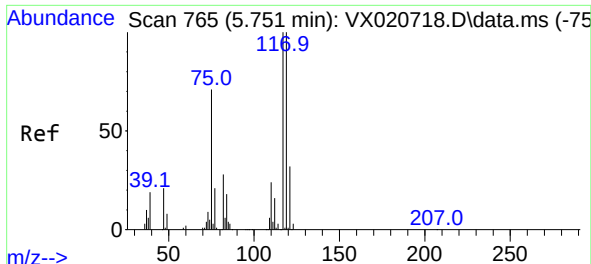
Tgt Ion:113 Resp: 168814
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 19.9 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.43 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX020742.D
Acq: 26 Jan 2021 10:29

Tgt Ion: 75 Resp: 22739
Ion Ratio Lower Upper
75 100
110 10.2 18.1 54.4#
77 0.0 25.3 37.9#

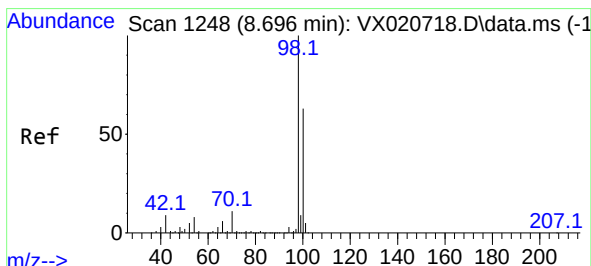
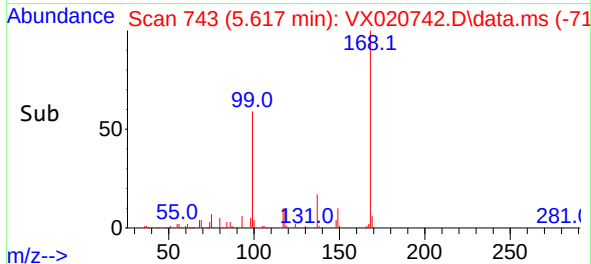
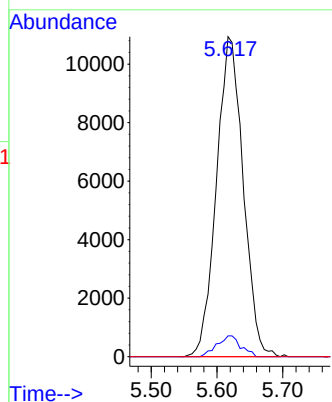
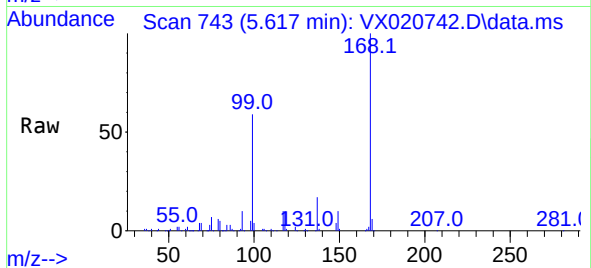




#38
Carbon Tetrachloride
Concen: 5.73 ug/l
RT: 5.617 min Scan# 743
Delta R.T. -0.134 min
Lab File: VX020742.D
Acq: 26 Jan 2021 10:29

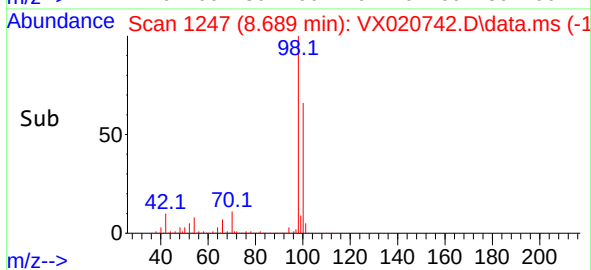
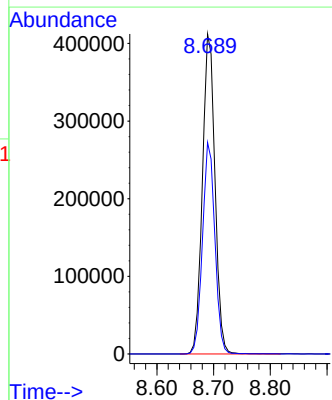
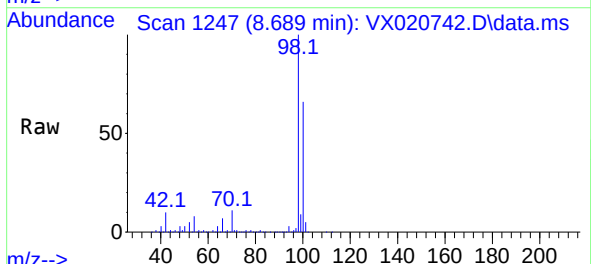
Instrument :
MSVOA_X
ClientSampled :

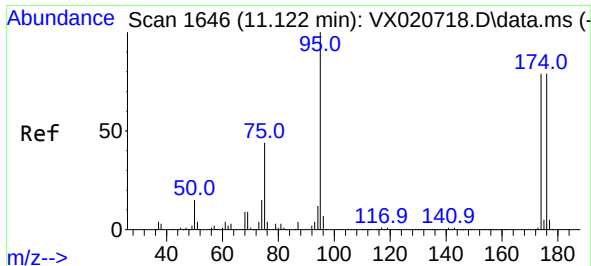
Tgt Ion:117 Resp: 30886
Ion Ratio Lower Upper
117 100
119 6.5 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.42 ug/l
RT: 8.689 min Scan# 1247
Delta R.T. -0.007 min
Lab File: VX020742.D
Acq: 26 Jan 2021 10:29

Tgt Ion: 98 Resp: 634315
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9

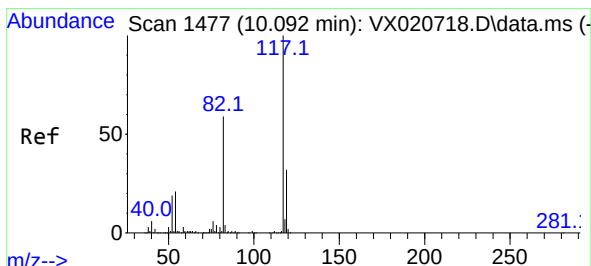
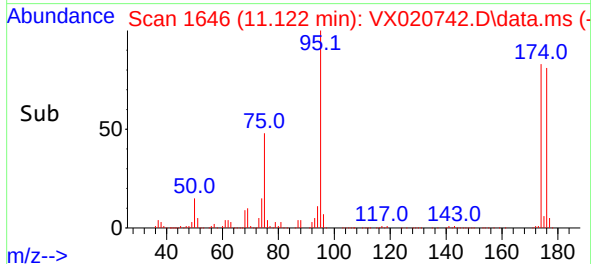
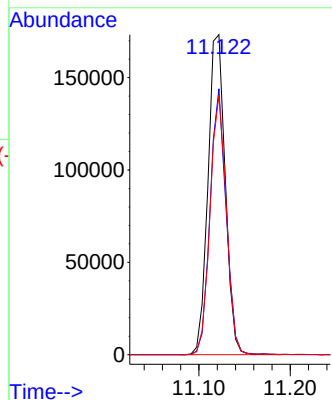
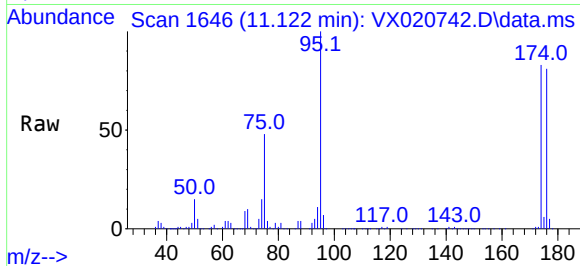




#62
4-Bromofluorobenzene
Concen: 45.50 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020742.D
Acq: 26 Jan 2021 10:29

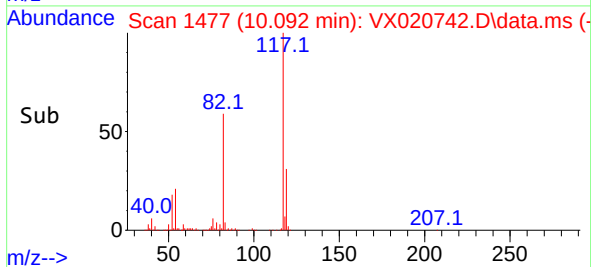
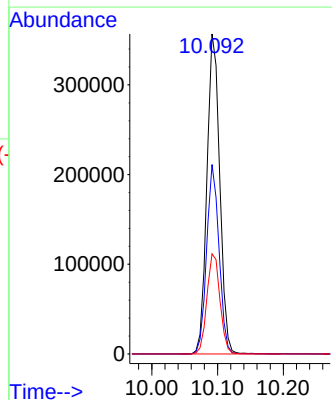
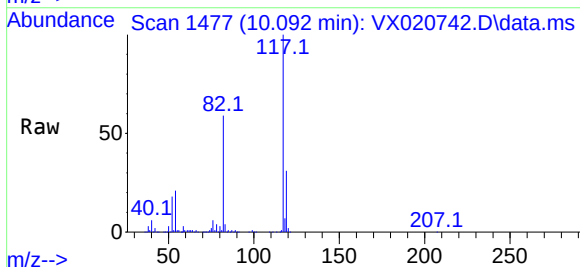
Instrument :
MSVOA_X
ClientSampled :

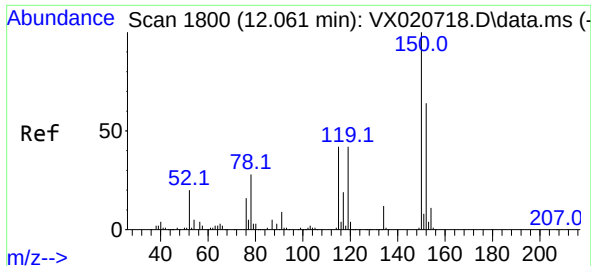
Tgt Ion: 95 Resp: 226763
Ion Ratio Lower Upper
95 100
174 76.8 0.0 154.6
176 76.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020742.D
Acq: 26 Jan 2021 10:29

Tgt Ion: 117 Resp: 483308
Ion Ratio Lower Upper
117 100
82 59.2 47.4 71.2
119 31.3 26.6 39.8

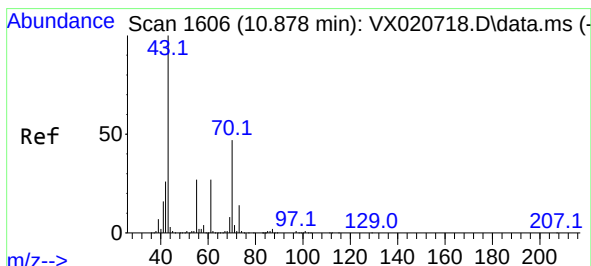
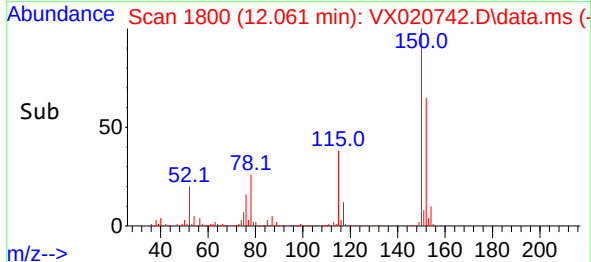
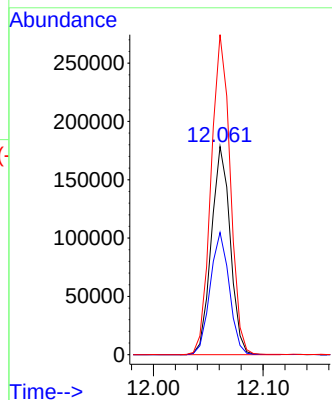
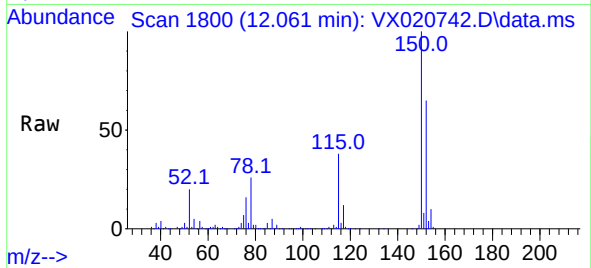




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020742.D
Acq: 26 Jan 2021 10:29

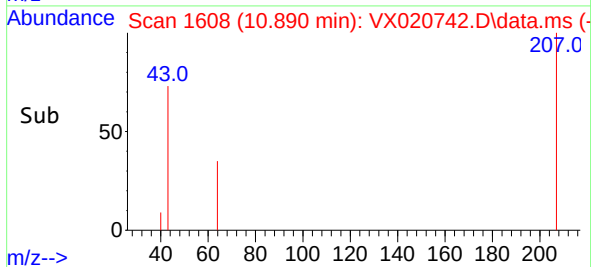
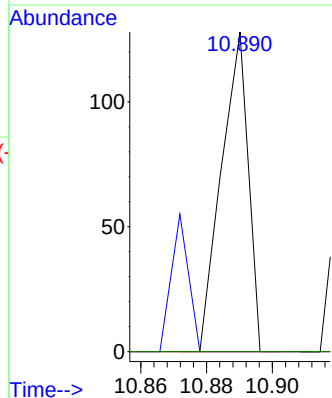
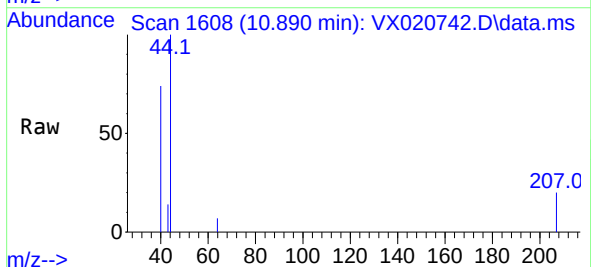
Instrument :
MSVOA_X
ClientSampled :

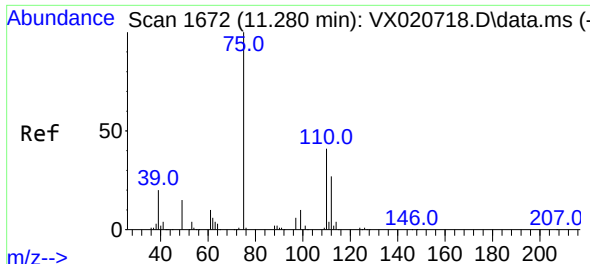
Tgt Ion:152 Resp: 213865
Ion Ratio Lower Upper
152 100
115 59.2 41.1 123.3
150 156.0 0.0 349.0



#74
N-ethyl acetate
Concen: 2.02 ug/l
RT: 10.890 min Scan# 1608
Delta R.T. 0.012 min
Lab File: VX020742.D
Acq: 26 Jan 2021 10:29

Tgt Ion: 43 Resp: 72
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#

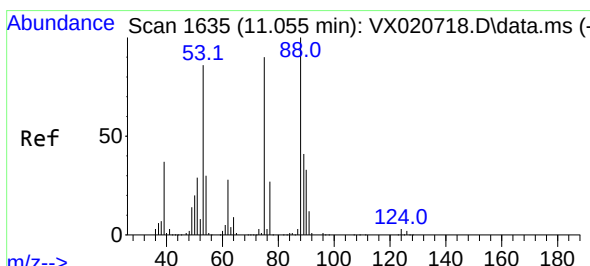
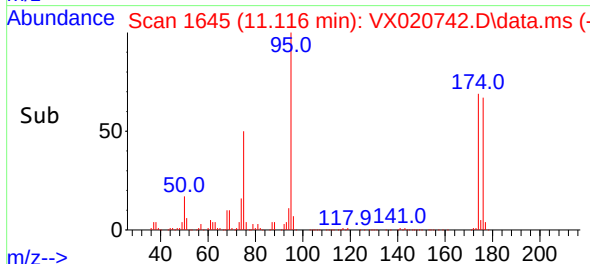
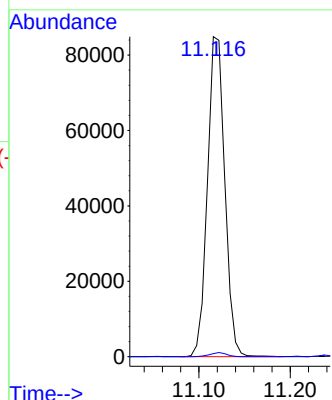
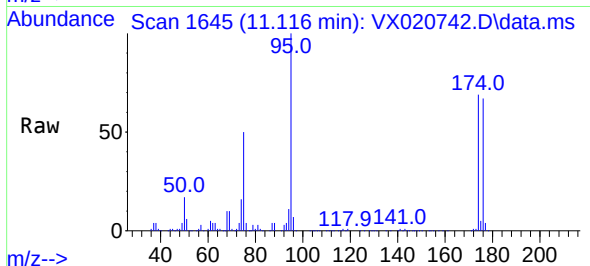




#76
1,2,3-Trichloropropane
Concen: 22.50 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX020742.D
Acq: 26 Jan 2021 10:29

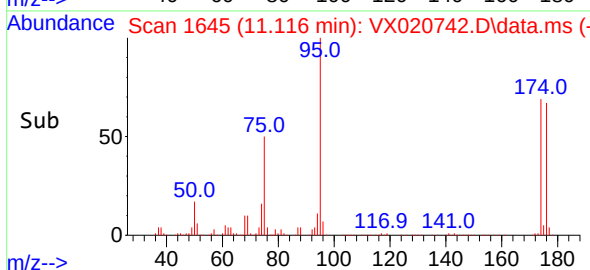
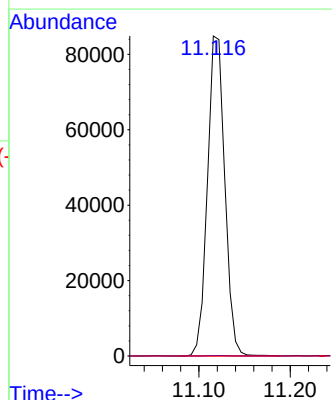
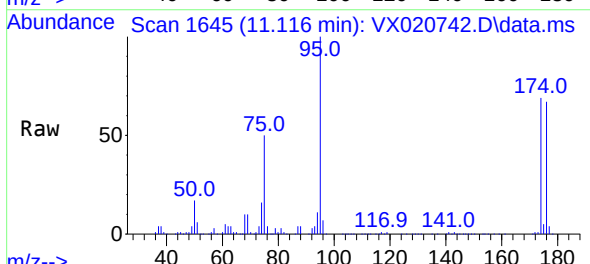
Instrument :
MSVOA_X
ClientSampled :

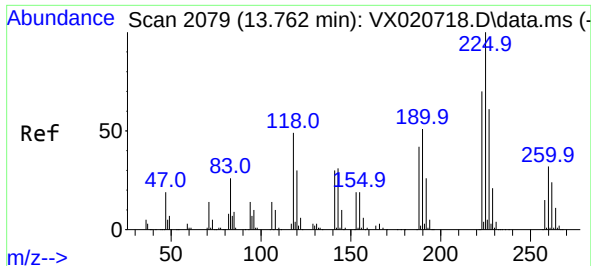
Tgt Ion: 75 Resp: 111608
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.05 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020742.D
Acq: 26 Jan 2021 10:29

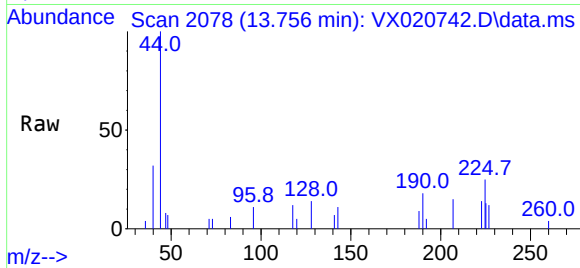
Tgt Ion: 75 Resp: 111608
Ion Ratio Lower Upper
75 100
53 0.2 74.5 111.7#
89 0.0 37.9 56.9#



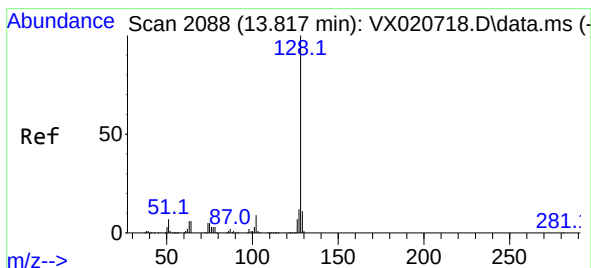
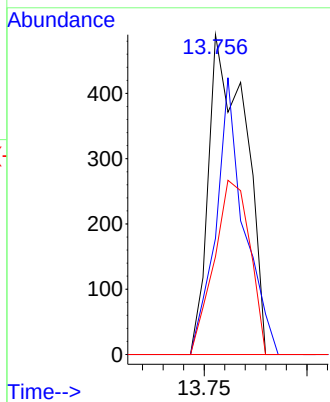
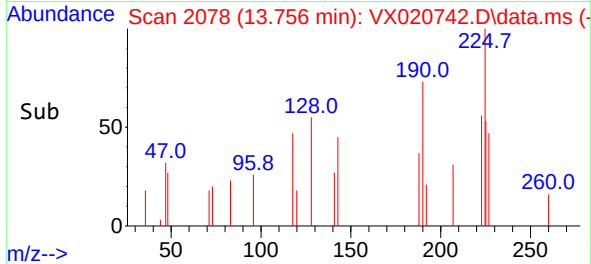


#94
Hexachlorobutadiene
Concen: 0.29 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.007 min
Lab File: VX020742.D
Acq: 26 Jan 2021 10:29

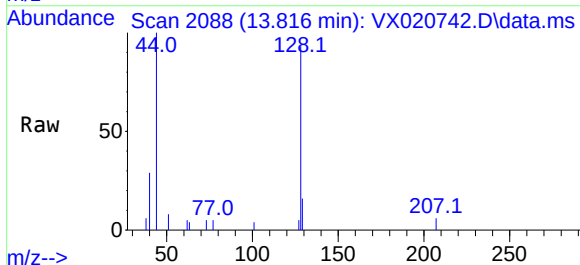
Instrument :
MSVOA_X
ClientSampled :



Tgt Ion:	225	Resp:	611
Ion	Ratio	Lower	Upper
225	100		
223	66.0	31.1	93.2
227	52.7	31.6	95.0



#95
Naphthalene
Concen: 2.97 ug/l
RT: 13.816 min Scan# 2088
Delta R.T. -0.001 min
Lab File: VX020742.D
Acq: 26 Jan 2021 10:29



Tgt Ion:	128	Resp:	1689
Ion	Ratio	Lower	Upper
128	100		
127	6.3	10.3	15.5#
129	9.4	8.8	13.2

