

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011421\
 Data File : VX020602.D
 Acq On : 14 Jan 2021 10:56
 Operator : JC/MD
 Sample : VX0114MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0114MBL02

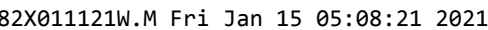
Quant Time: Jan 15 05:08:14 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 11 15:05:37 2021
 Response via : Initial Calibration

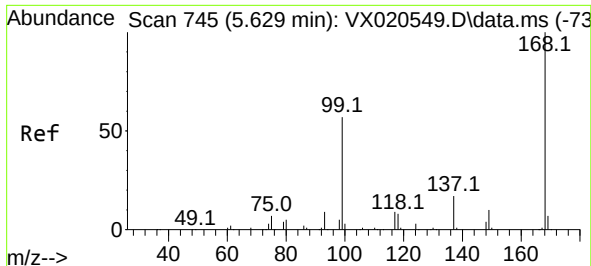
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.623	168	178436	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	289366	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.091	117	277129	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	122892	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	112420	52.45	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	104.90%
35) Dibromofluoromethane	5.458	113	99918	49.83	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.66%
50) Toluene-d8	8.695	98	346875	48.35	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.70%
62) 4-Bromofluorobenzene	11.122	95	118855	46.91	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.82%
Target Compounds						
					Qvalue	
3) Chloromethane	1.306	50	349	0.21	ug/l #	88
5) Bromomethane	1.642	94	454	0.36	ug/l	89
6) Chloroethane	1.745	64	19	0.44	ug/l #	43
10) Methyl Iodide	2.495	142	858	0.35	ug/l #	96
11) Tert butyl alcohol	2.983	59	803	Below Cal	#	73
13) Acrolein	2.270	56	87	0.29	ug/l #	11
15) Acrylonitrile	3.123	53	243	0.27	ug/l #	82
16) Acetone	2.416	43	684	Below Cal	#	85
17) Carbon Disulfide	2.550	76	1316	0.28	ug/l	98
20) Methylene Chloride	2.837	84	493	0.24	ug/l #	83
27) cis-1,2-Dichloroethene	4.562	96	526	0.25	ug/l	83
31) Cyclohexane	5.623	56	3265	1.30	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	12784	4.84	ug/l #	49
38) Carbon Tetrachloride	5.623	117	17247	5.59	ug/l #	17
51) 4-Methyl-2-Pentanone	8.695	43	1203	0.52	ug/l #	1
74) N-amyl acetate	11.116	43	20	1.24	ug/l #	1
76) 1,2,3-Trichloropropane	11.122	75	57432	22.18	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	57432	60.44	ug/l #	12
94) Hexachlorobutadiene	13.768	225	295	1.08	ug/l	90
95) Naphthalene	13.816	128	846	3.93	ug/l #	85

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

Quant Time: Jan 15 05:08:14 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

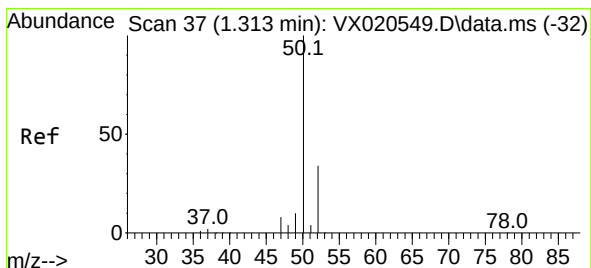
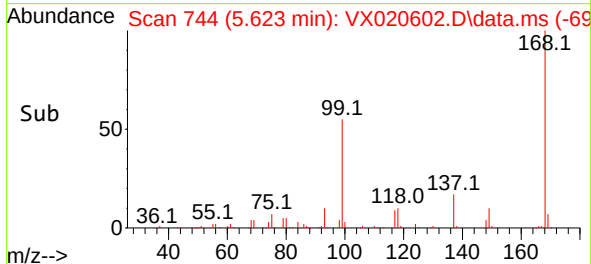
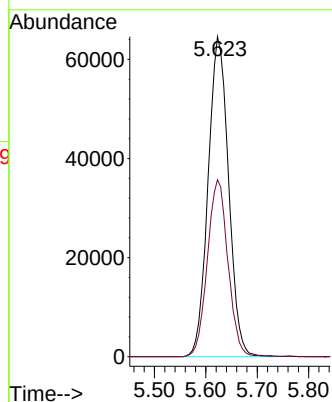
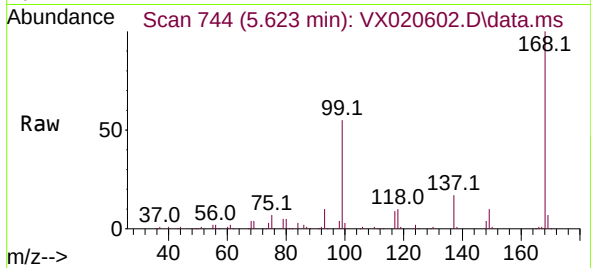




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.006 min
Lab File: VX020602.D
Acq: 14 Jan 2021 10:56

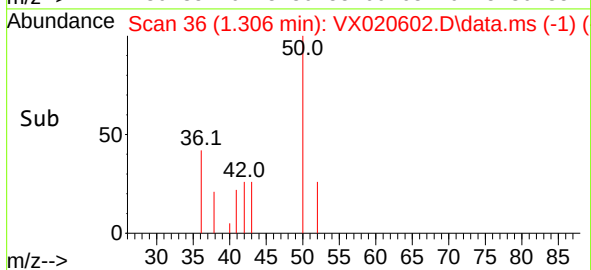
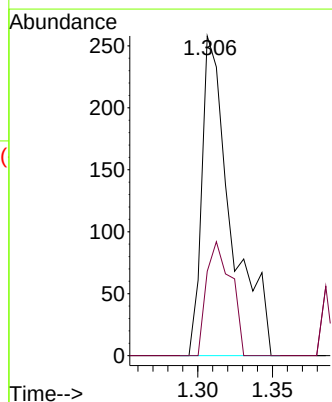
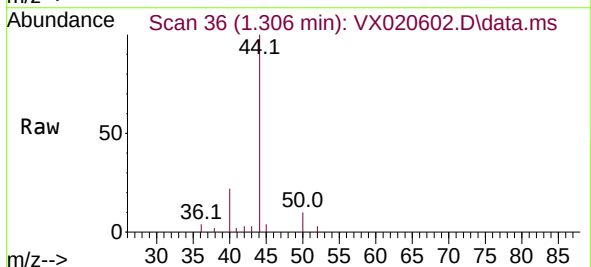
Instrument :
MSVOA_X
ClientSampleId :
VX0114MBL02

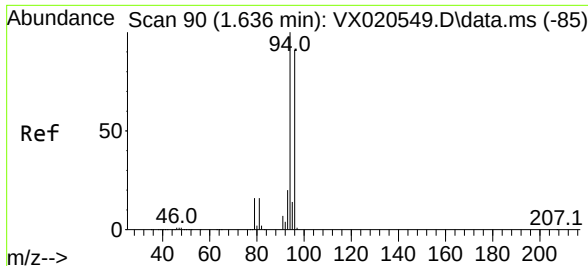
Tgt Ion:168 Resp: 178436
Ion Ratio Lower Upper
168 100
99 55.3 45.8 68.6



#3
Chloromethane
Concen: 0.21 ug/l
RT: 1.306 min Scan# 36
Delta R.T. -0.007 min
Lab File: VX020602.D
Acq: 14 Jan 2021 10:56

Tgt Ion: 50 Resp: 349
Ion Ratio Lower Upper
50 100
52 26.4 26.4 39.6#

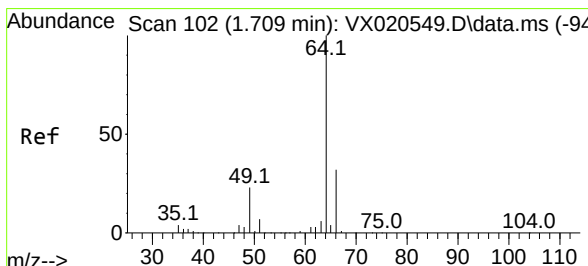
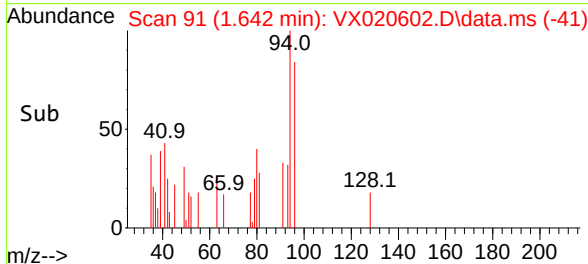
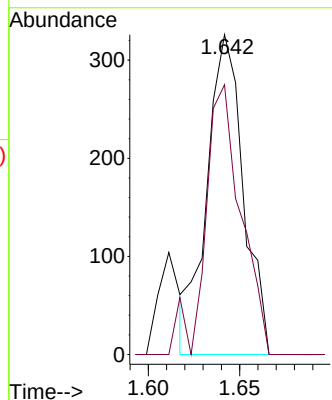
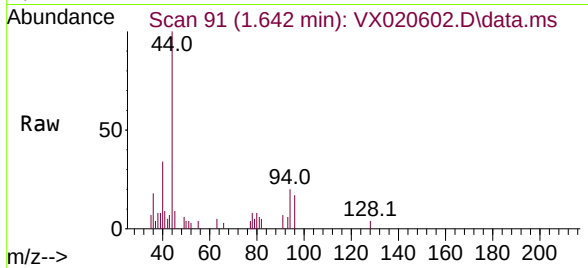




#5
Bromomethane
Concen: 0.36 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX020602.D
Acq: 14 Jan 2021 10:56

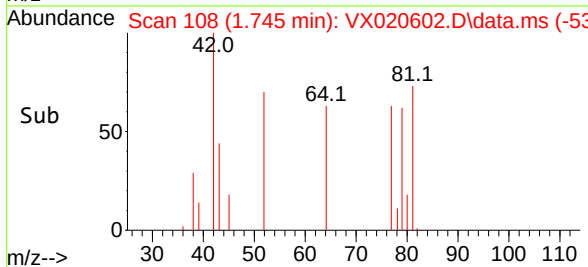
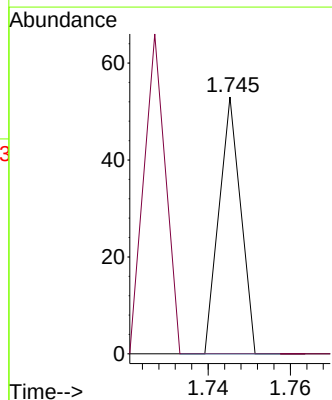
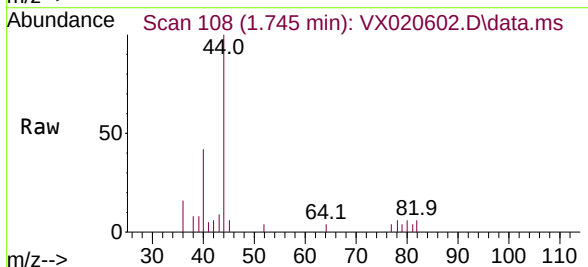
Instrument :
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ClientSampleId :
VX0114MBL02

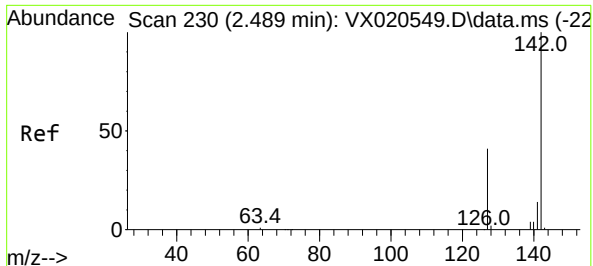
Tgt Ion: 94 Resp: 454
Ion Ratio Lower Upper
94 100
96 84.4 76.4 114.6



#6
Chloroethane
Concen: 0.44 ug/l
RT: 1.745 min Scan# 108
Delta R.T. 0.036 min
Lab File: VX020602.D
Acq: 14 Jan 2021 10:56

Tgt Ion: 64 Resp: 19
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

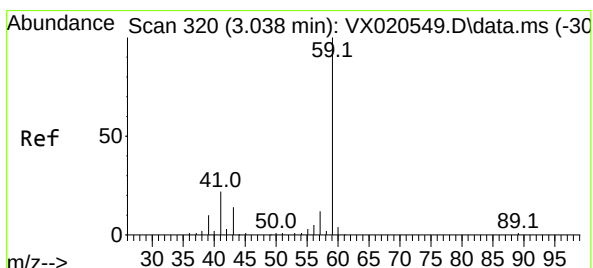
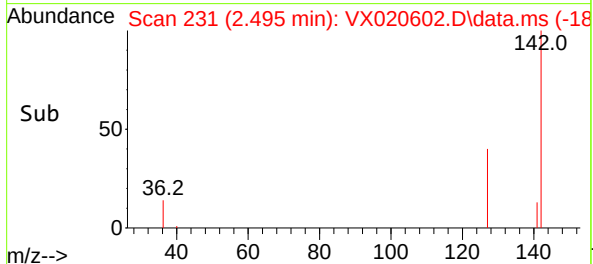
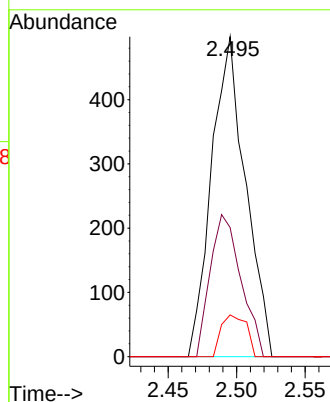
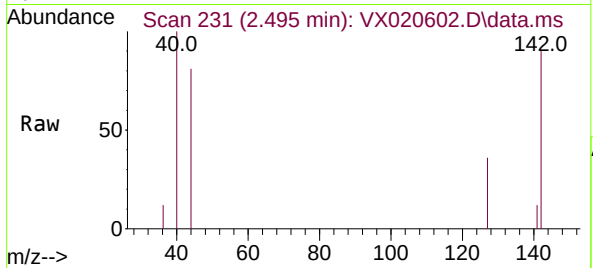




#10
Methyl Iodide
Concen: 0.35 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020602.D
Acq: 14 Jan 2021 10:56

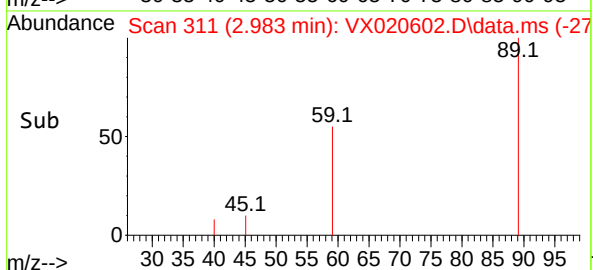
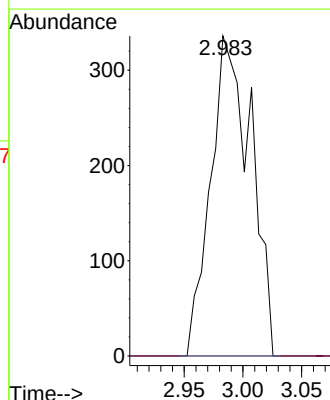
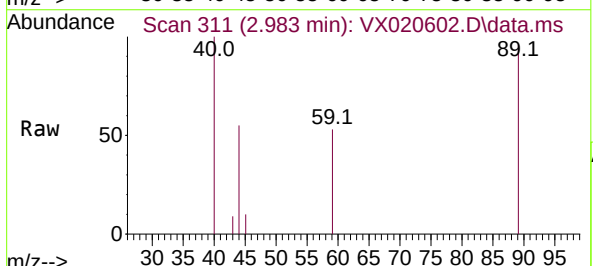
Instrument :
MSVOA_X
ClientSampleId :
VX0114MBL02

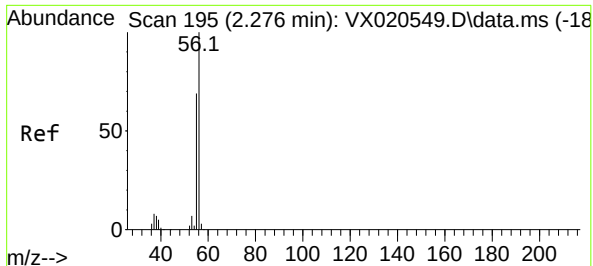
Tgt Ion:142 Resp: 858
Ion Ratio Lower Upper
142 100
127 40.3 33.3 49.9
141 9.7 11.4 17.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.983 min Scan# 311
Delta R.T. -0.055 min
Lab File: VX020602.D
Acq: 14 Jan 2021 10:56

Tgt Ion: 59 Resp: 803
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

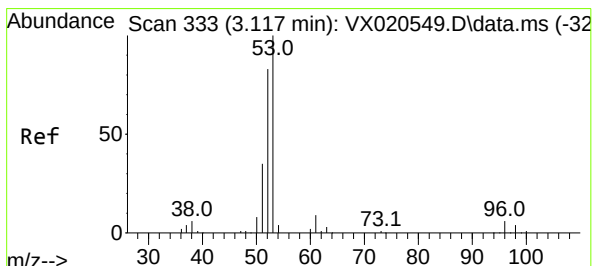
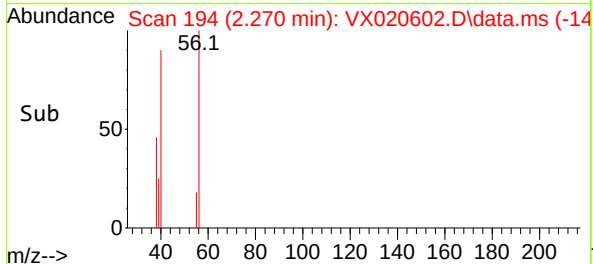
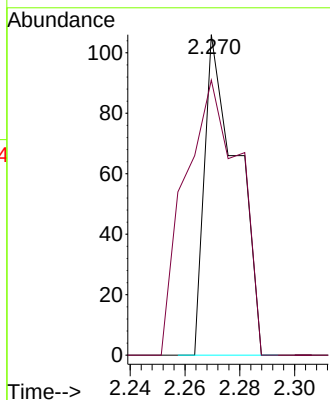
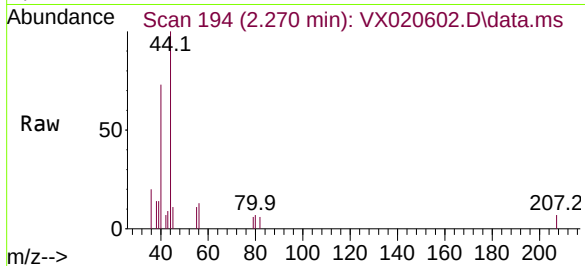




#13
Acrolein
Concen: 0.29 ug/l
RT: 2.270 min Scan# 194
Delta R.T. -0.006 min
Lab File: VX020602.D
Acq: 14 Jan 2021 10:56

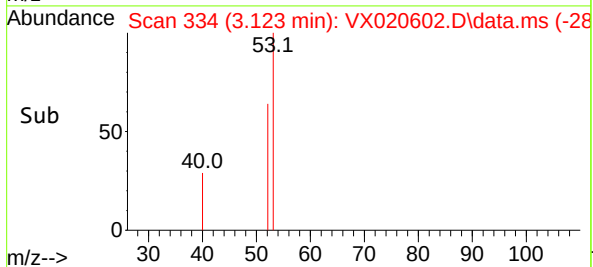
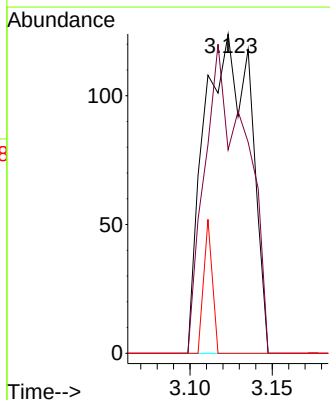
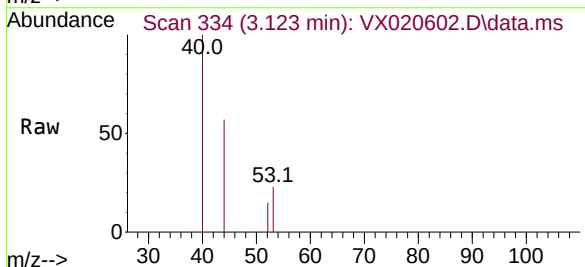
Instrument :
MSVOA_X
ClientSampleId :
VX0114MBL02

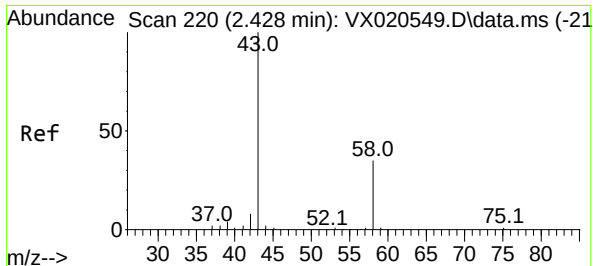
Tgt Ion: 56 Resp: 87
Ion Ratio Lower Upper
56 100
55 143.7 56.4 84.6#



#15
Acrylonitrile
Concen: 0.27 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX020602.D
Acq: 14 Jan 2021 10:56

Tgt Ion: 53 Resp: 243
Ion Ratio Lower Upper
53 100
52 86.0 65.3 97.9
51 7.8 28.2 42.2#

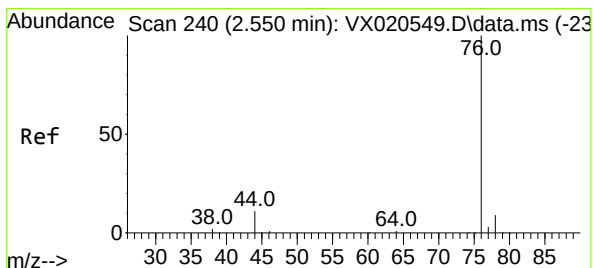
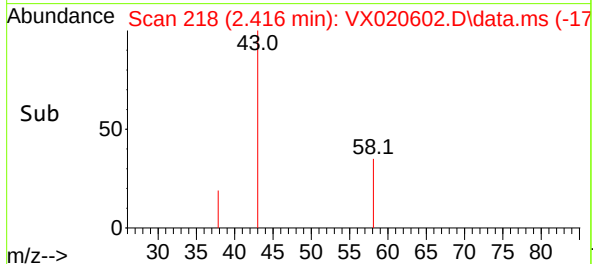
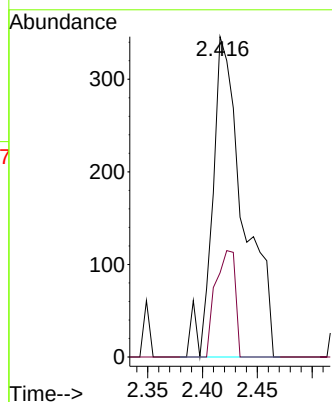
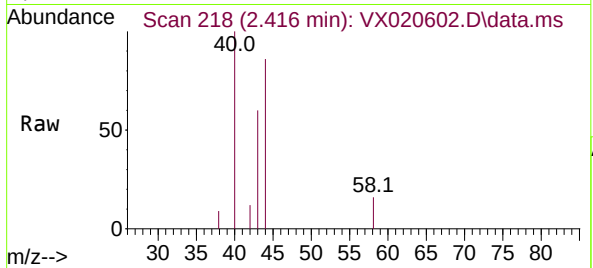




#16
Acetone
Concen: Below Cal
RT: 2.416 min Scan# 218
Delta R.T. -0.012 min
Lab File: VX020602.D
Acq: 14 Jan 2021 10:56

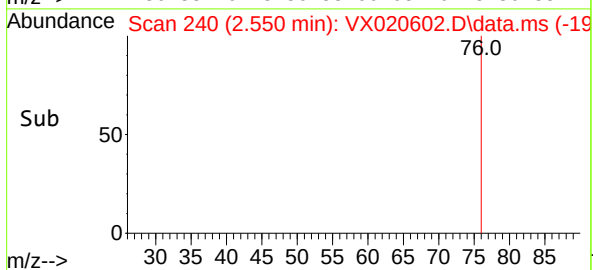
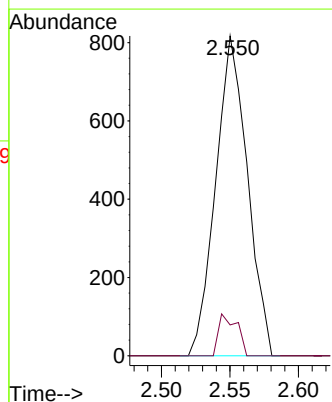
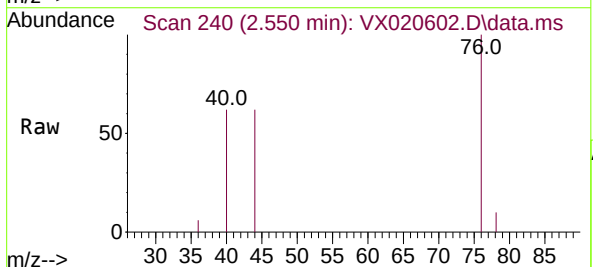
Instrument :
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ClientSampled :
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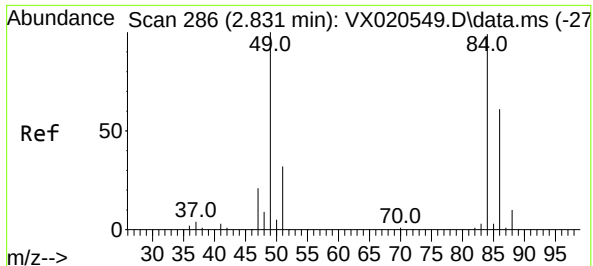
Tgt Ion: 43 Resp: 684
Ion Ratio Lower Upper
43 100
58 26.3 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.28 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.000 min
Lab File: VX020602.D
Acq: 14 Jan 2021 10:56

Tgt Ion: 76 Resp: 1316
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8

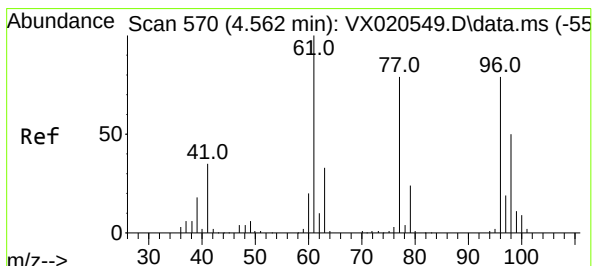
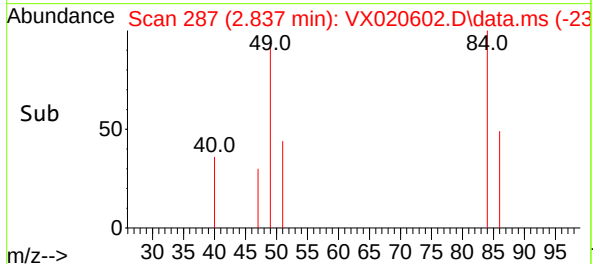
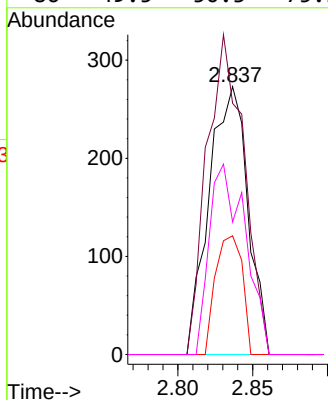
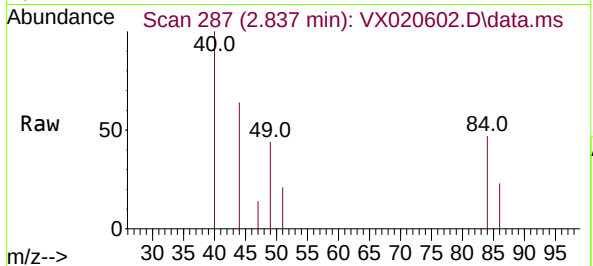




#20
Methylene Chloride
Concen: 0.24 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020602.D
Acq: 14 Jan 2021 10:56

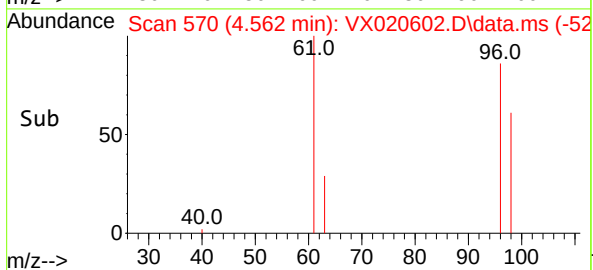
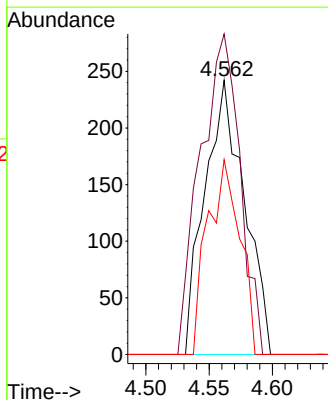
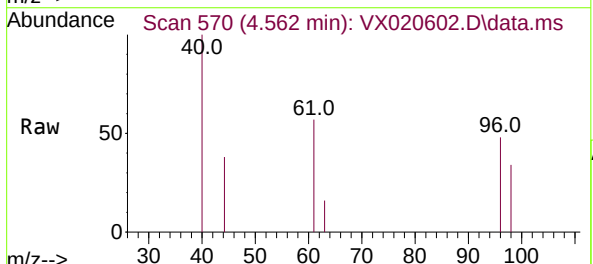
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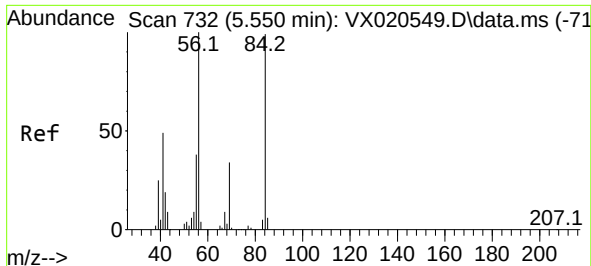
Tgt Ion: 84	Resp: 493
Ion Ratio	Lower Upper
84 100	
49 93.8	88.6 132.8
51 44.3	27.0 40.6#
86 49.5	50.3 75.5#



#27
cis-1,2-Dichloroethene
Concen: 0.25 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.000 min
Lab File: VX020602.D
Acq: 14 Jan 2021 10:56

Tgt Ion: 96	Resp: 526
Ion Ratio	Lower Upper
96 100	
61 117.3	0.0 285.6
98 58.4	0.0 129.6

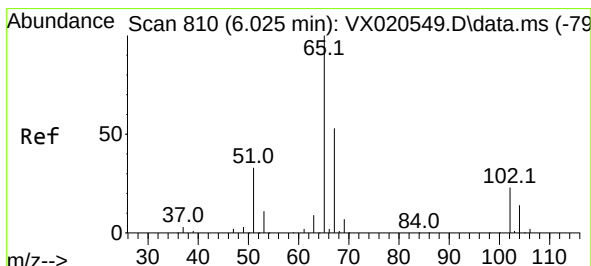
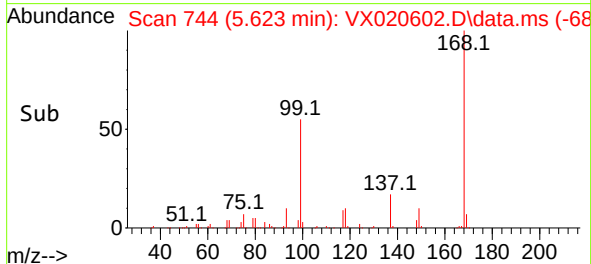
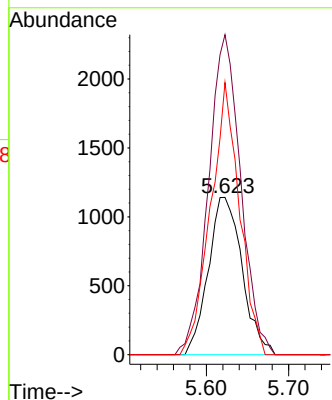
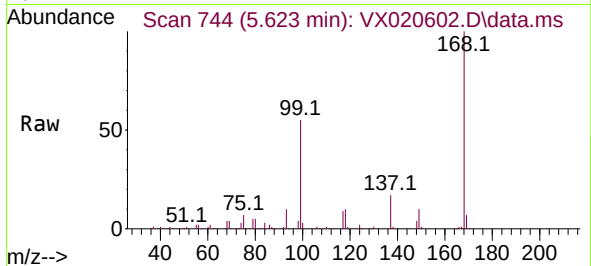




#31
Cyclohexane
Concen: 1.30 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.073 min
Lab File: VX020602.D
Acq: 14 Jan 2021 10:56

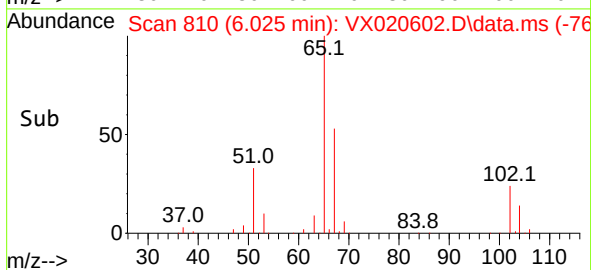
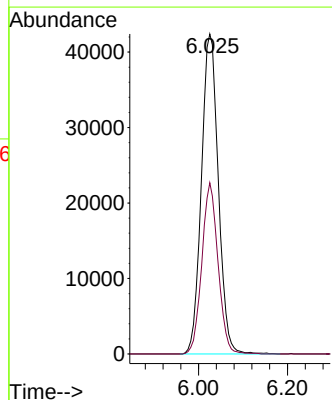
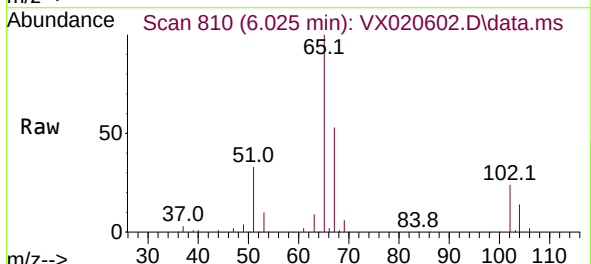
Instrument :
MSVOA_X
ClientSampled :
VX0114MBL02

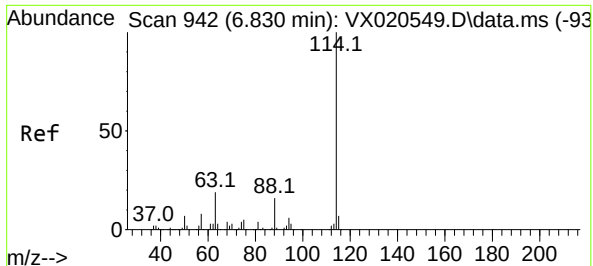
Tgt Ion: 56 Resp: 3265
Ion Ratio Lower Upper
56 100
69 203.5 25.3 37.9#
84 173.1 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 52.45 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020602.D
Acq: 14 Jan 2021 10:56

Tgt Ion: 65 Resp: 112420
Ion Ratio Lower Upper
65 100
67 51.2 0.0 105.4

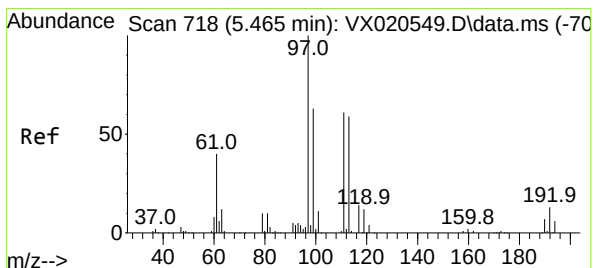
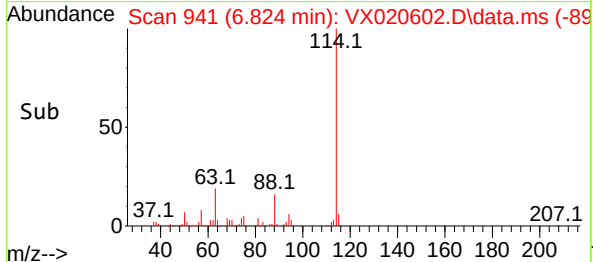
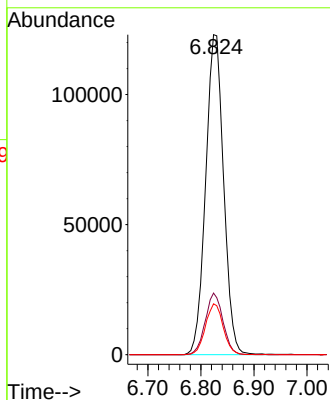
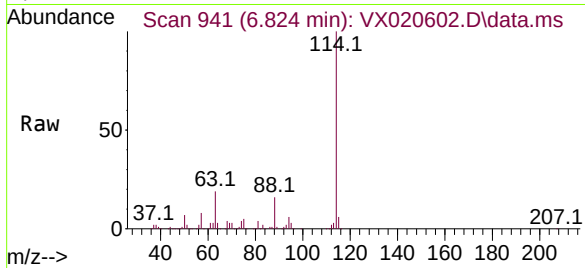




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.824 min Scan# 941
Delta R.T. -0.006 min
Lab File: VX020602.D
Acq: 14 Jan 2021 10:56

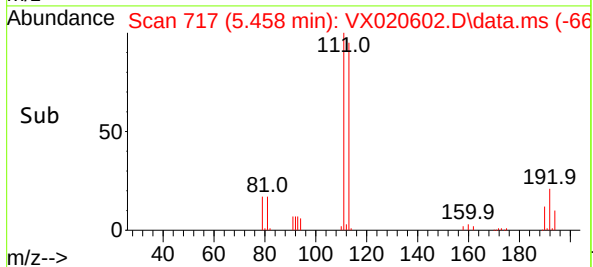
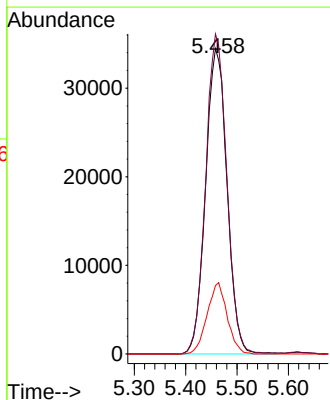
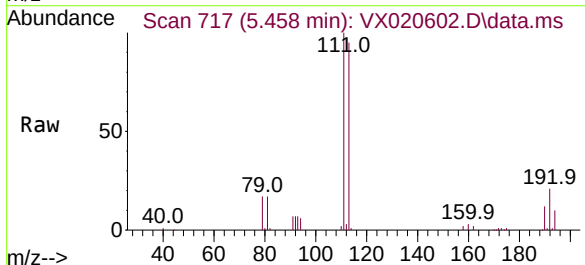
Instrument :
MSVOA_X
ClientSampleId :
VX0114MBL02

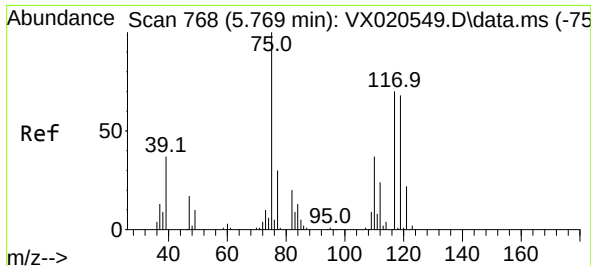
Tgt Ion:114 Resp: 289366
Ion Ratio Lower Upper
114 100
63 19.3 0.0 40.8
88 15.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.83 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.007 min
Lab File: VX020602.D
Acq: 14 Jan 2021 10:56

Tgt Ion:113 Resp: 99918
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 21.8 16.7 25.1

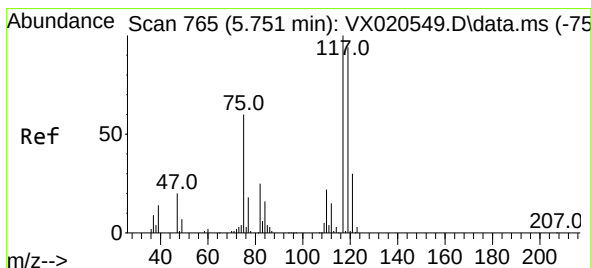
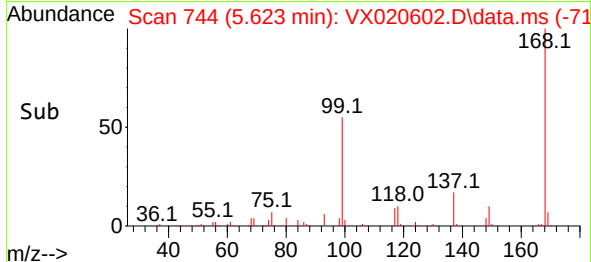
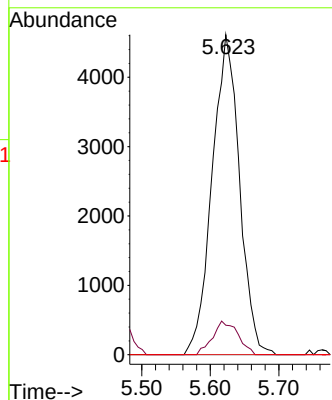
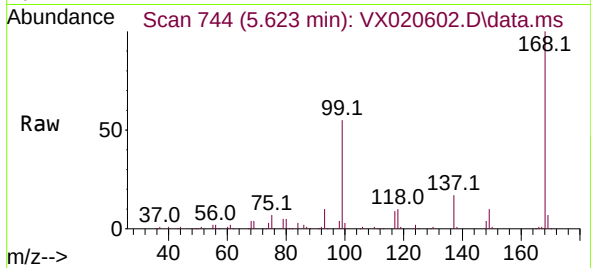




#36
1,1-Dichloropropene
Concen: 4.84 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX020602.D
Acq: 14 Jan 2021 10:56

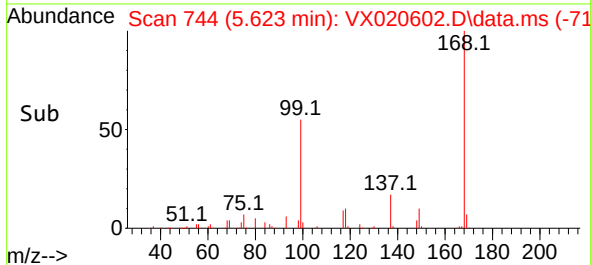
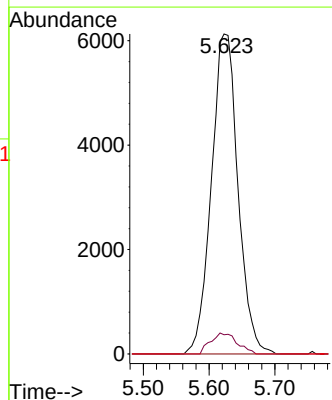
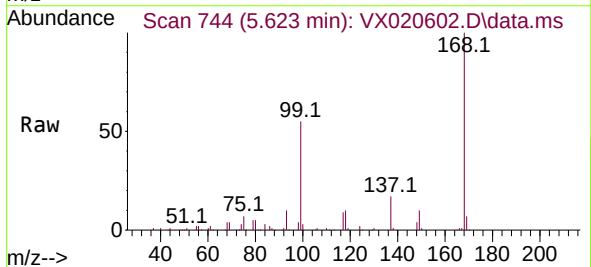
Instrument :
MSVOA_X
ClientSampleId :
VX0114MBL02

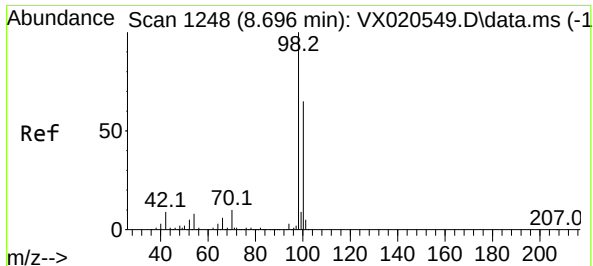
Tgt Ion: 75 Resp: 12784
Ion Ratio Lower Upper
75 100
110 9.7 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.59 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.128 min
Lab File: VX020602.D
Acq: 14 Jan 2021 10:56

Tgt Ion: 117 Resp: 17247
Ion Ratio Lower Upper
117 100
119 6.0 76.2 114.2#
121 0.0 24.8 37.2#

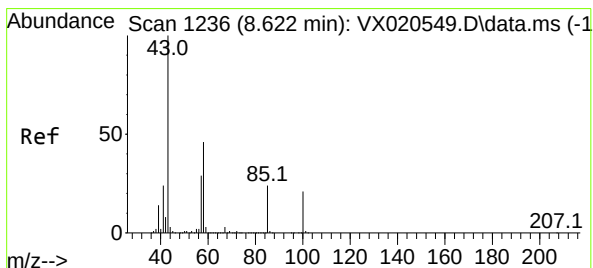
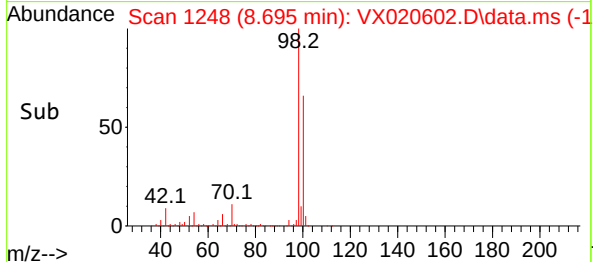
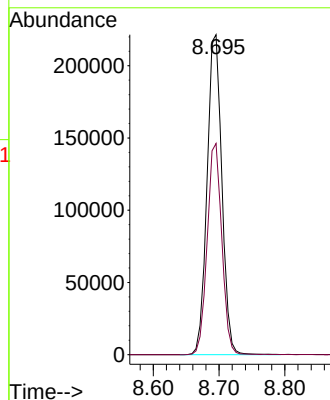
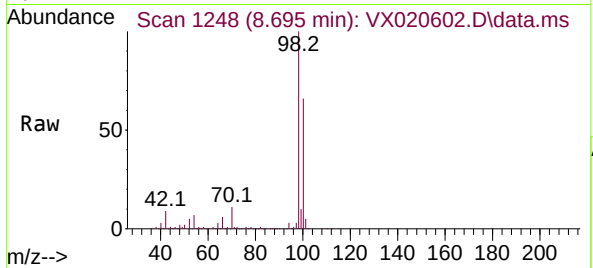




#50
Toluene-d8
Concen: 48.35 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. -0.001 min
Lab File: VX020602.D
Acq: 14 Jan 2021 10:56

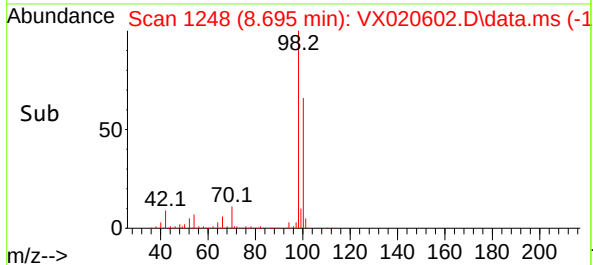
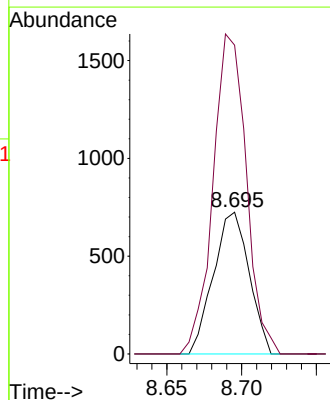
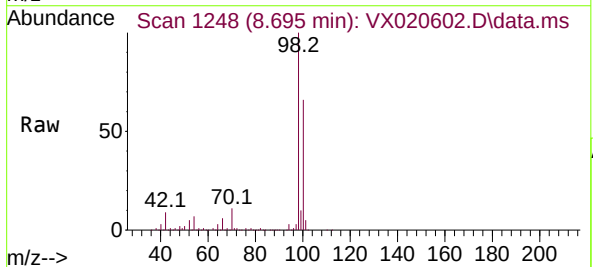
Instrument :
MSVOA_X
ClientSampleId :
VX0114MBL02

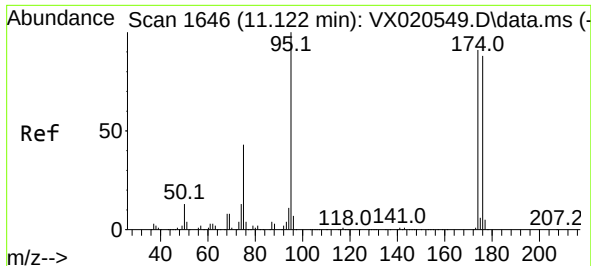
Tgt Ion: 98 Resp: 346875
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.52 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.073 min
Lab File: VX020602.D
Acq: 14 Jan 2021 10:56

Tgt Ion: 43 Resp: 1203
Ion Ratio Lower Upper
43 100
58 210.6 35.4 53.0#

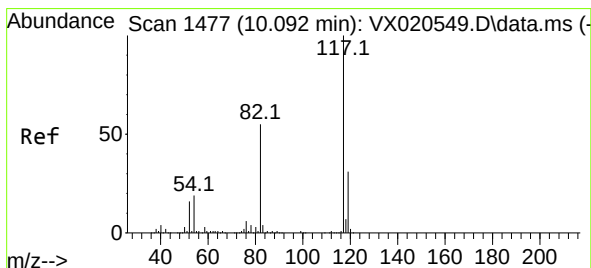
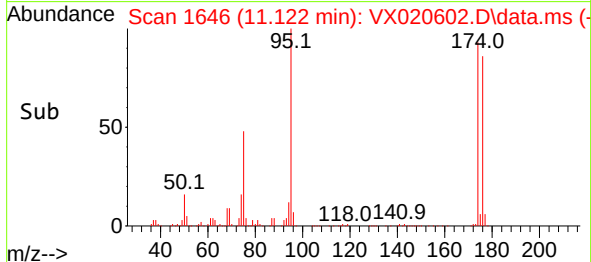
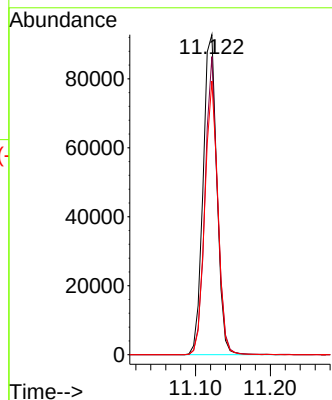
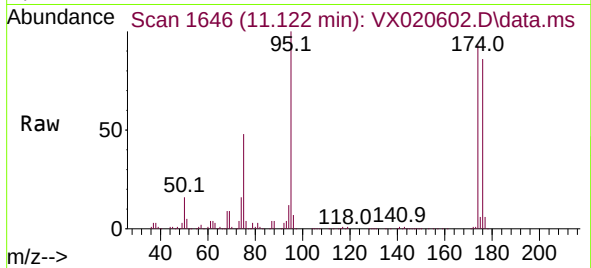




#62
4-Bromofluorobenzene
Concen: 46.91 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020602.D
Acq: 14 Jan 2021 10:56

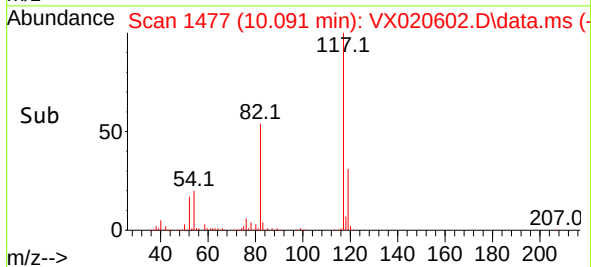
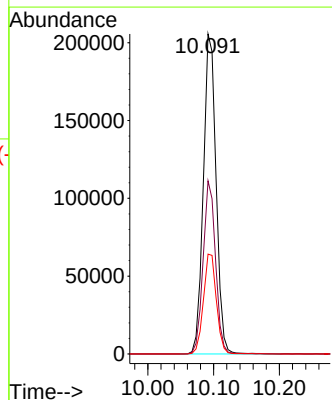
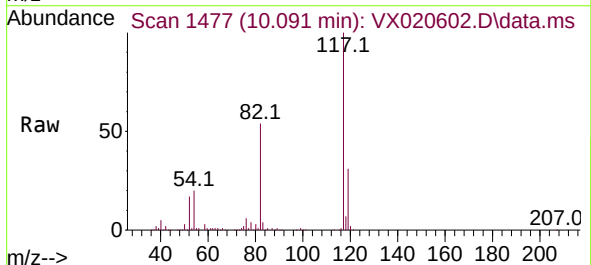
Instrument :
MSVOA_X
ClientSampleId :
VX0114MBL02

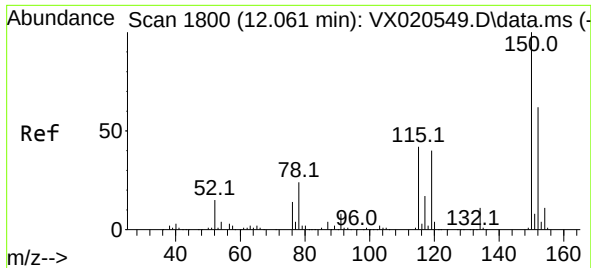
Tgt Ion: 95 Resp: 118855
Ion Ratio Lower Upper
95 100
174 84.4 0.0 154.6
176 81.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.091 min Scan# 1477
Delta R.T. -0.001 min
Lab File: VX020602.D
Acq: 14 Jan 2021 10:56

Tgt Ion: 117 Resp: 277129
Ion Ratio Lower Upper
117 100
82 54.1 47.4 71.2
119 31.2 26.6 39.8

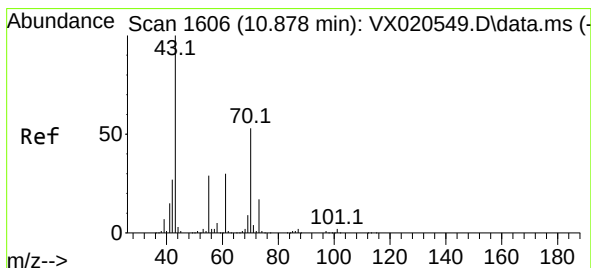
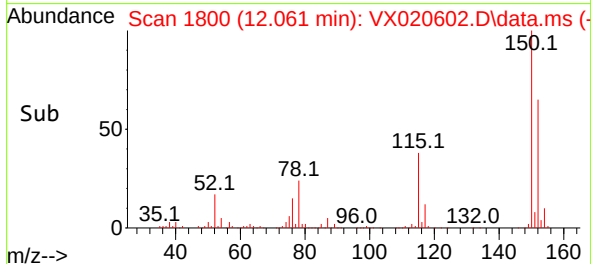
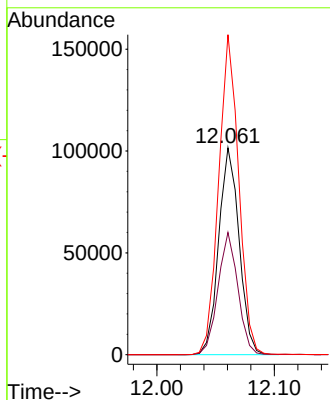
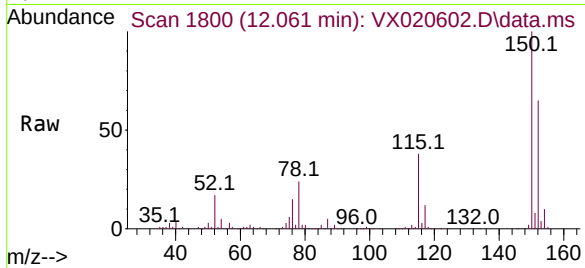




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020602.D
Acq: 14 Jan 2021 10:56

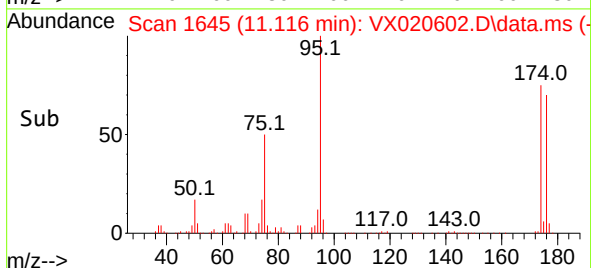
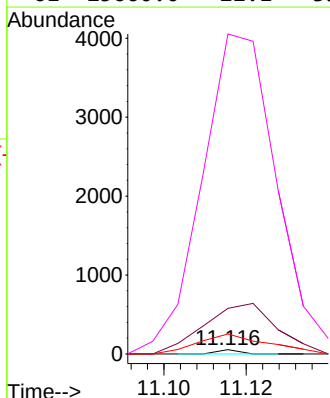
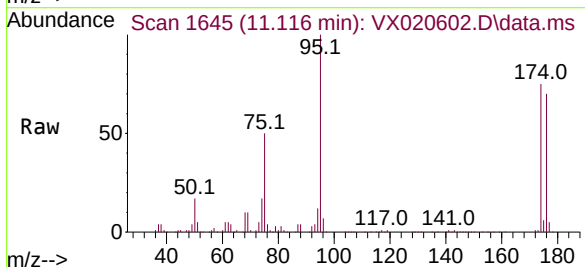
Instrument :
MSVOA_X
ClientSampled :
VX0114MBL02

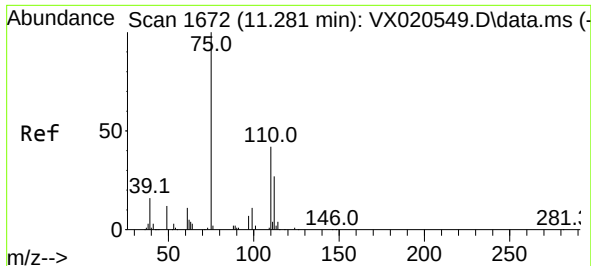
Tgt Ion:152 Resp: 122892
Ion Ratio Lower Upper
152 100
115 57.5 41.1 123.3
150 152.2 0.0 349.0



#74
N-ethyl acetate
Concen: 1.24 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.238 min
Lab File: VX020602.D
Acq: 14 Jan 2021 10:56

Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
70 3910.0 39.0 58.6#
55 1495.0 21.5 32.3#
61 25660.0 22.1 33.1#

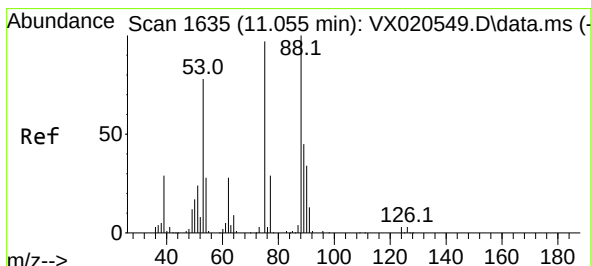
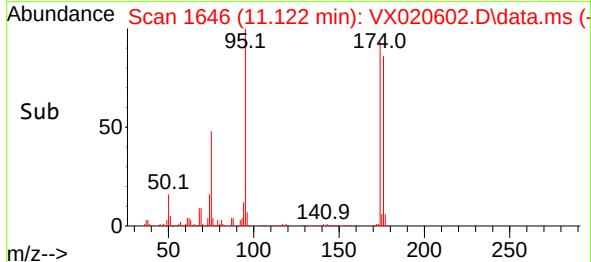
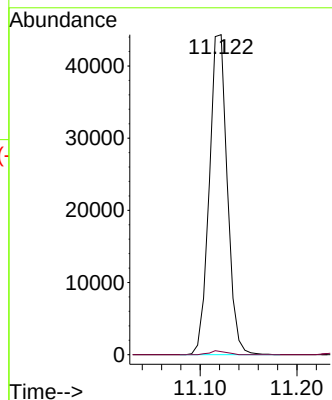
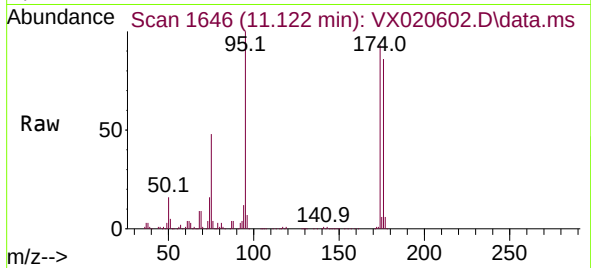




#76
1,2,3-Trichloropropane
Concen: 22.18 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.159 min
Lab File: VX020602.D
Acq: 14 Jan 2021 10:56

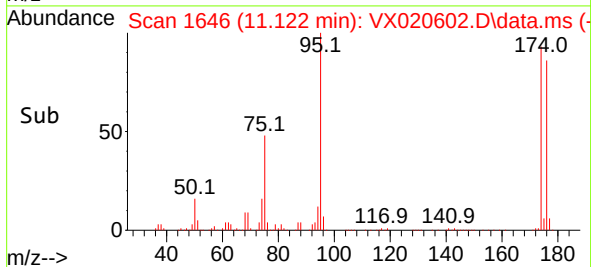
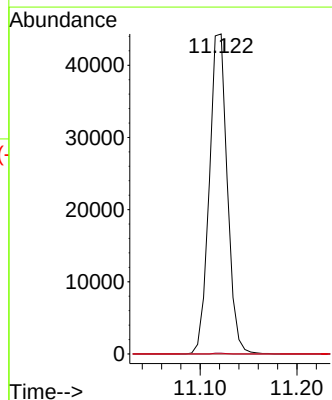
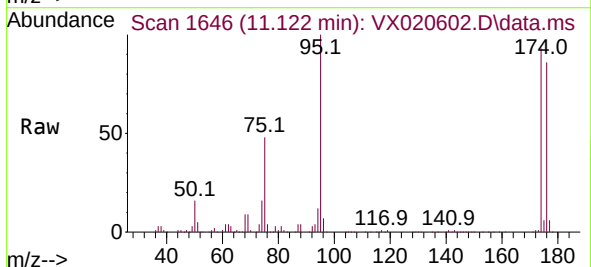
Instrument :
MSVOA_X
ClientSampleId :
VX0114MBL02

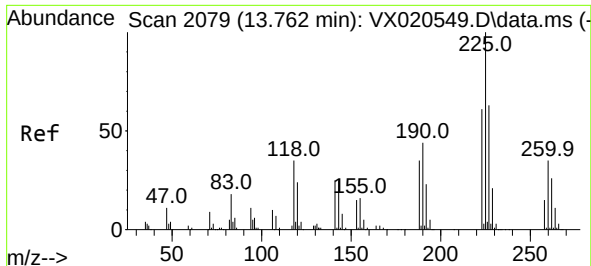
Tgt Ion: 75 Resp: 57432
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.44 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020602.D
Acq: 14 Jan 2021 10:56

Tgt Ion: 75 Resp: 57432
Ion Ratio Lower Upper
75 100
53 0.2 74.5 111.7#
89 0.0 37.9 56.9#

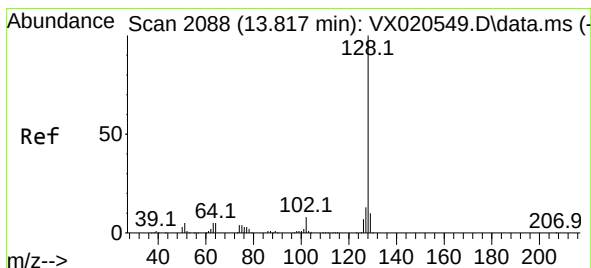
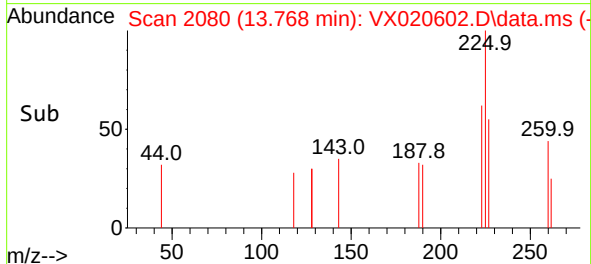
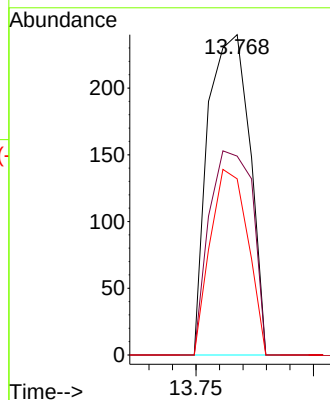
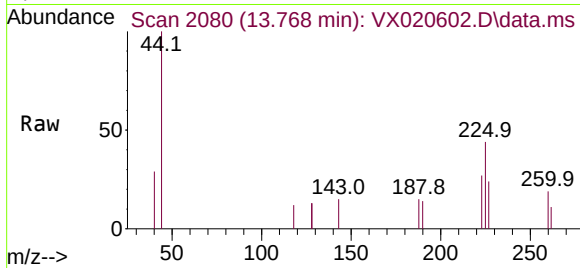




#94
Hexachlorobutadiene
Concen: 1.08 ug/l
RT: 13.768 min Scan# 2080
Delta R.T. 0.006 min
Lab File: VX020602.D
Acq: 14 Jan 2021 10:56

Instrument :
MSVOA_X
ClientSampleId :
VX0114MBL02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.8	31.1	93.2
227	52.2	31.6	95.0



#95
Naphthalene
Concen: 3.93 ug/l
RT: 13.816 min Scan# 2088
Delta R.T. -0.001 min
Lab File: VX020602.D
Acq: 14 Jan 2021 10:56

Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.5	10.3	15.5
129	0.0	8.8	13.2

