

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011321\
 Data File : VX020598.D
 Acq On : 13 Jan 2021 17:00
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 13 18:05:50 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)

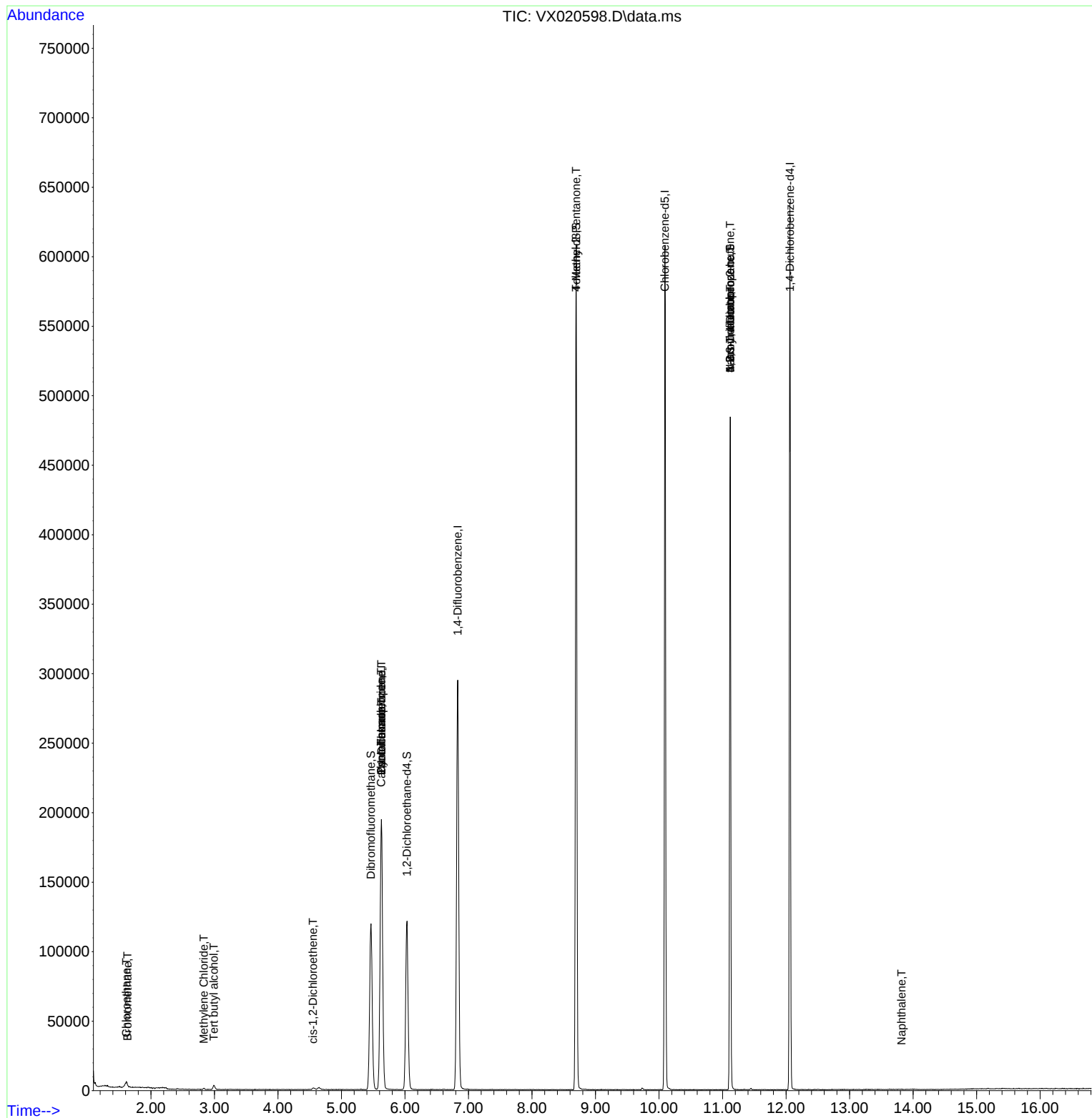
Internal Standards						
1) Pentafluorobenzene	5.629	168	188875	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	309972	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	289650	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	131959	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	116914	51.54	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.08%			
35) Dibromofluoromethane	5.464	113	105813	49.27	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.54%			
50) Toluene-d8	8.695	98	365680	47.58	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 95.16%			
62) 4-Bromofluorobenzene	11.122	95	129222	47.61	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.22%			
Target Compounds					Qvalue	
5) Bromomethane	1.630	94	323	0.24	ug/l	94
6) Chloroethane	1.611	64	59	0.47	ug/l #	43
11) Tert butyl alcohol	2.989	59	1726	1.91	ug/l #	73
16) Acetone	2.416	43	658	Below Cal		93
20) Methylene Chloride	2.831	84	450	0.21	ug/l	92
27) cis-1,2-Dichloroethene	4.550	96	924	0.41	ug/l	86
31) Cyclohexane	5.629	56	3255	1.22	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	13239	4.67	ug/l #	49
38) Carbon Tetrachloride	5.623	117	18649	5.64	ug/l #	17
51) 4-Methyl-2-Pentanone	8.695	43	1203	0.49	ug/l #	1
74) N-amyl acetate	11.122	43	22	1.24	ug/l #	1
76) 1,2,3-Trichloropropane	11.122	75	62768	22.58	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	62768	61.52	ug/l #	12
95) Naphthalene	13.817	128	114	3.86	ug/l #	69

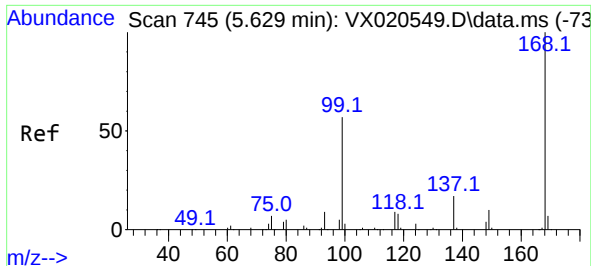
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
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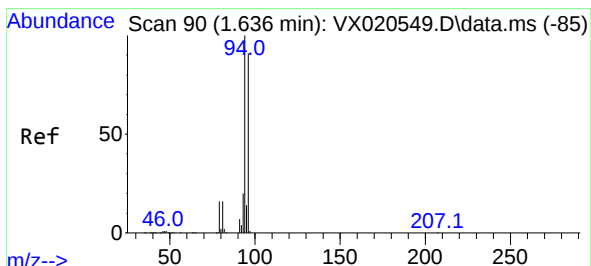
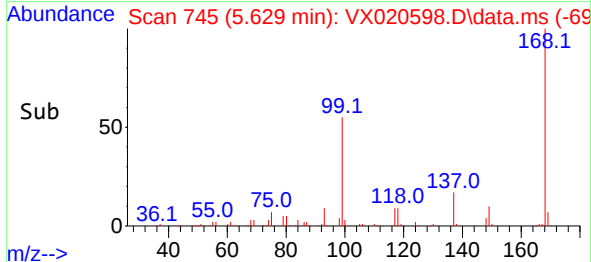
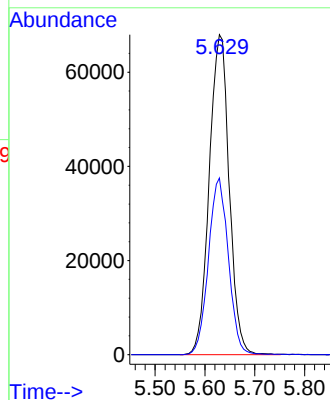
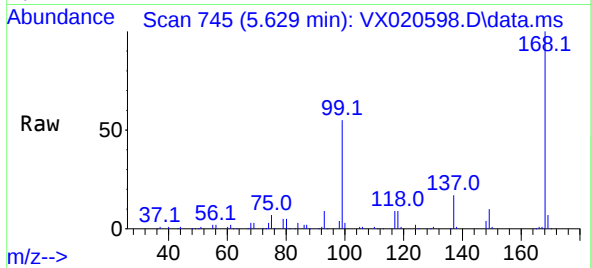




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX020598.D
Acq: 13 Jan 2021 17:00

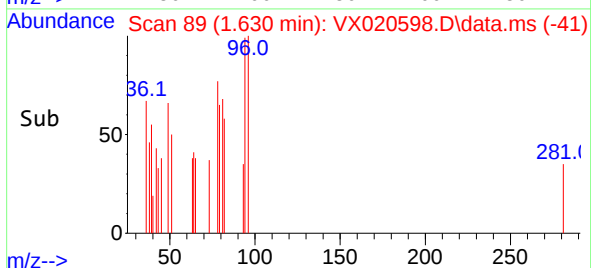
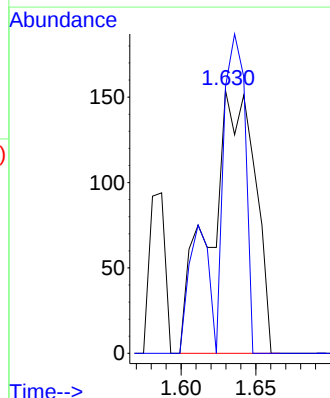
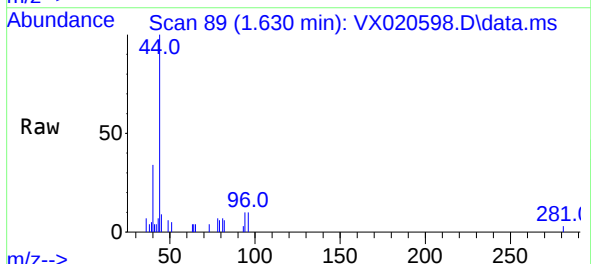
Instrument :
MSVOA_X
ClientSampled :

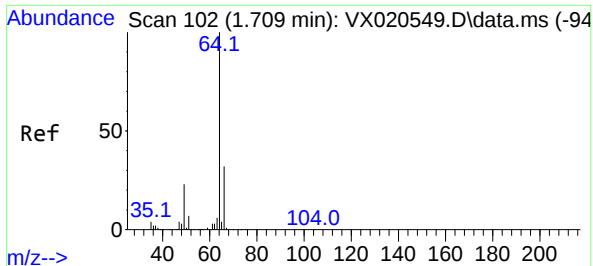
Tgt Ion:168 Resp: 188875
Ion Ratio Lower Upper
168 100
99 55.2 45.8 68.6



#5
Bromomethane
Concen: 0.24 ug/l
RT: 1.630 min Scan# 89
Delta R.T. -0.006 min
Lab File: VX020598.D
Acq: 13 Jan 2021 17:00

Tgt Ion: 94 Resp: 323
Ion Ratio Lower Upper
94 100
96 101.3 76.4 114.6

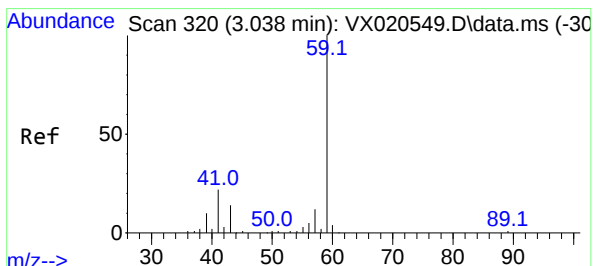
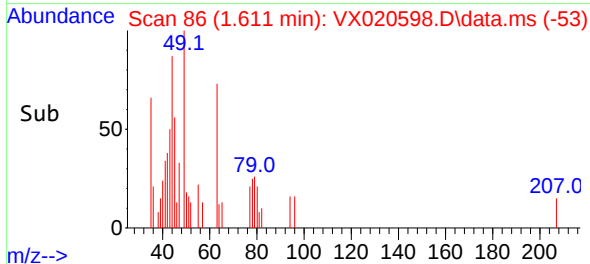
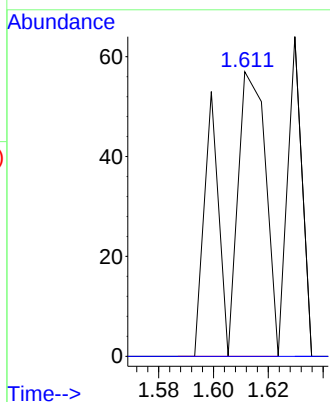
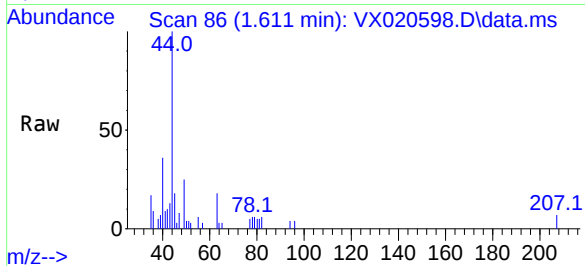




#6
Chloroethane
Concen: 0.47 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.098 min
Lab File: VX020598.D
Acq: 13 Jan 2021 17:00

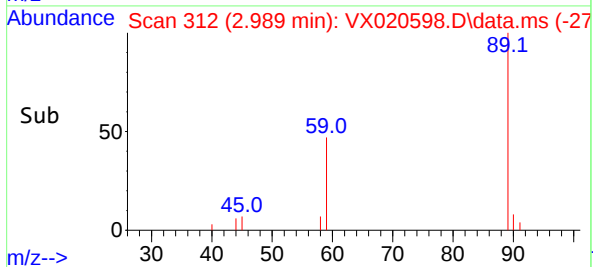
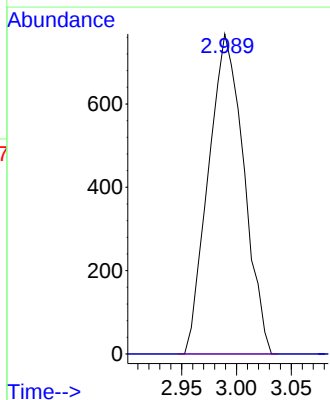
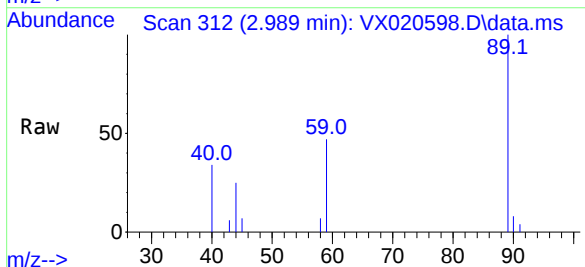
Instrument :
MSVOA_X
ClientSampled :

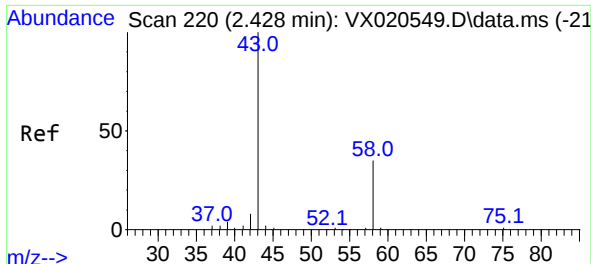
Tgt Ion: 64 Resp: 59
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: 1.91 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.049 min
Lab File: VX020598.D
Acq: 13 Jan 2021 17:00

Tgt Ion: 59 Resp: 1726
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

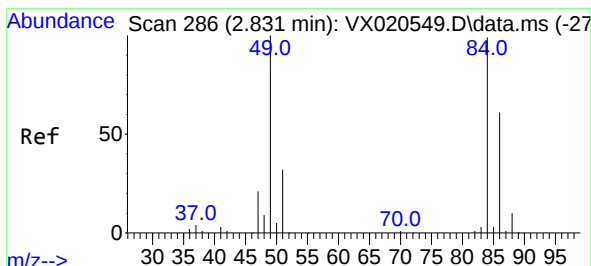
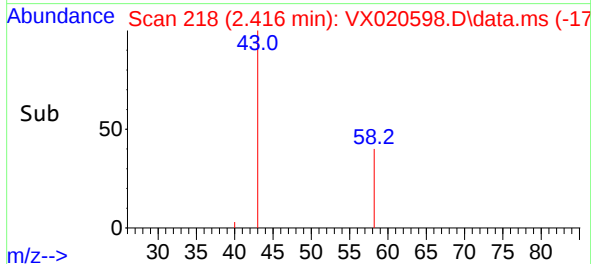
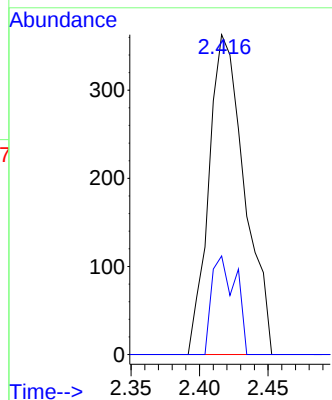
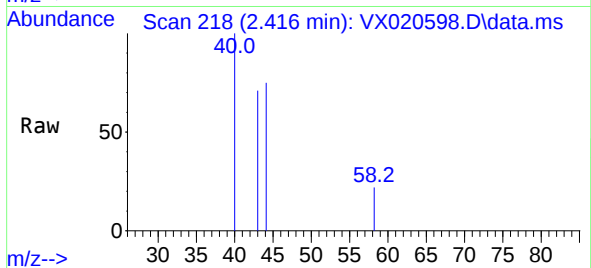




#16
Acetone
Concen: Below Cal
RT: 2.416 min Scan# 218
Delta R.T. -0.012 min
Lab File: VX020598.D
Acq: 13 Jan 2021 17:00

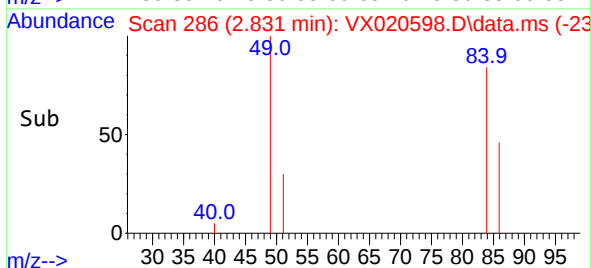
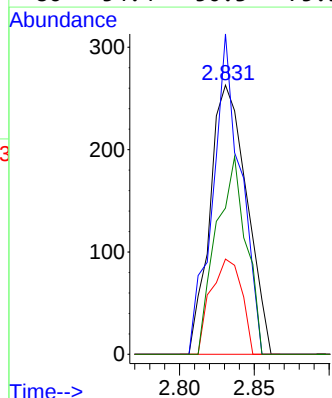
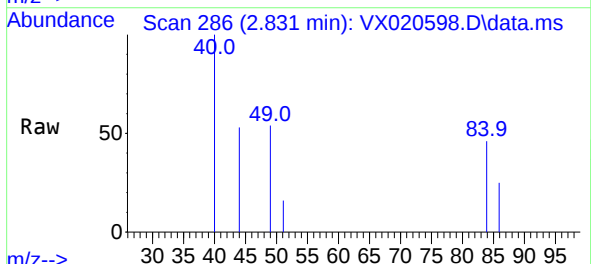
Instrument :
MSVOA_X
ClientSampled :

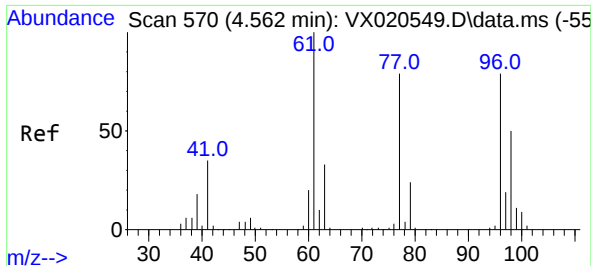
Tgt Ion: 43 Resp: 658
Ion Ratio Lower Upper
43 100
58 30.9 27.8 41.8



#20
Methylene Chloride
Concen: 0.21 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020598.D
Acq: 13 Jan 2021 17:00

Tgt Ion: 84 Resp: 450
Ion Ratio Lower Upper
84 100
49 119.0 88.6 132.8
51 35.4 27.0 40.6
86 54.4 50.3 75.5



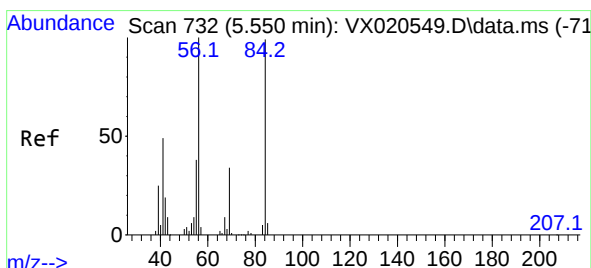
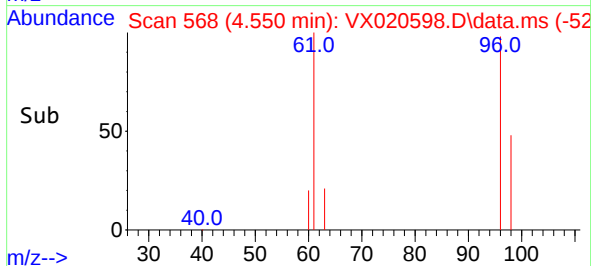
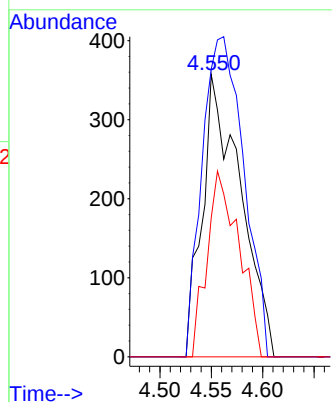
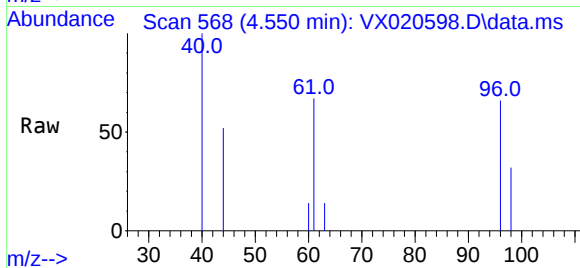


#27
cis-1,2-Dichloroethene
Concen: 0.41 ug/l
RT: 4.550 min Scan# 568
Delta R.T. -0.012 min
Lab File: VX020598.D
Acq: 13 Jan 2021 17:00

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 96 Resp: 924

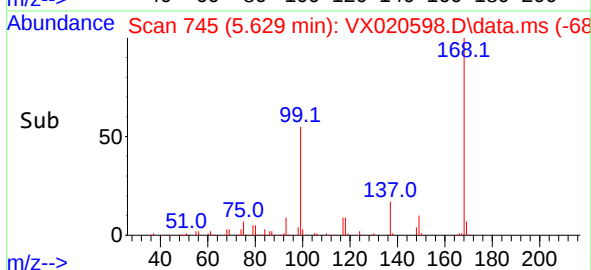
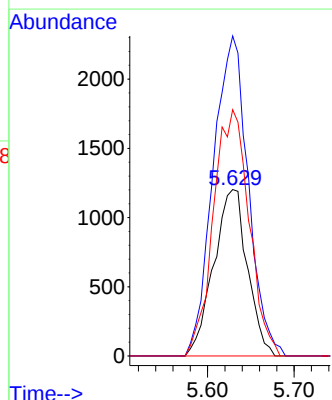
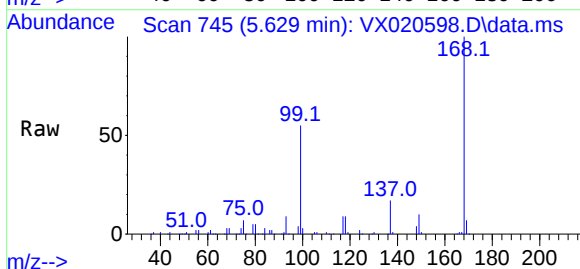
Ion	Ratio	Lower	Upper
96	100		
61	123.7	0.0	285.6
98	55.4	0.0	129.6

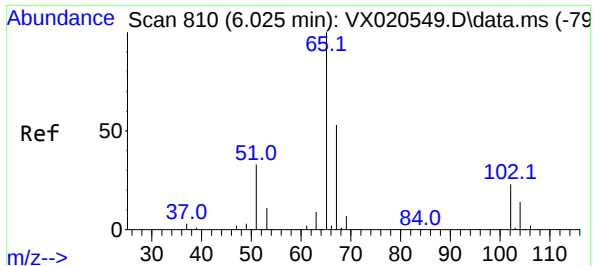


#31
Cyclohexane
Concen: 1.22 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.079 min
Lab File: VX020598.D
Acq: 13 Jan 2021 17:00

Tgt Ion: 56 Resp: 3255

Ion	Ratio	Lower	Upper
56	100		
69	192.3	25.3	37.9#
84	148.0	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 51.54 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020598.D

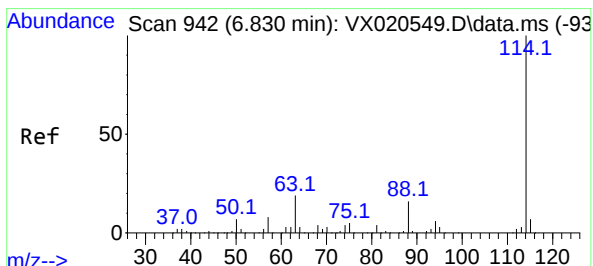
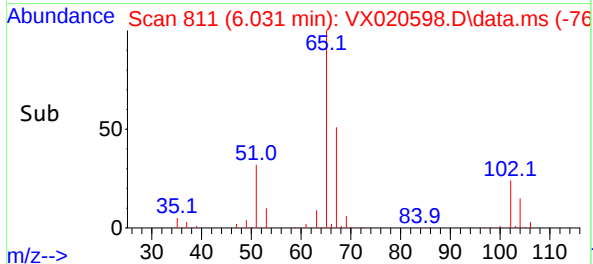
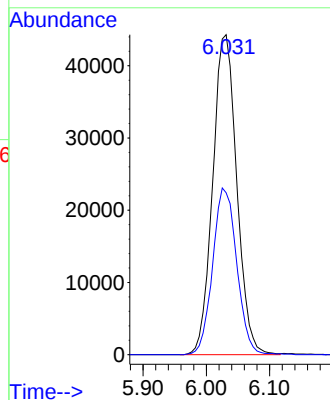
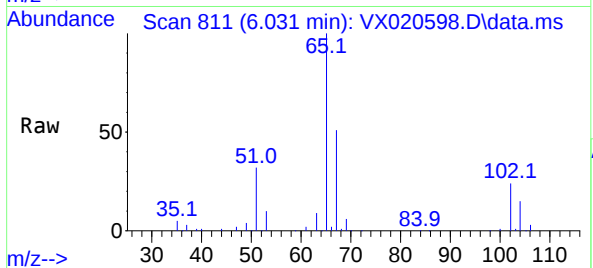
Acq: 13 Jan 2021 17:00

Tgt Ion: 65 Resp: 116914

Ion Ratio Lower Upper

65 100

67 52.2 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. -0.000 min

Lab File: VX020598.D

Acq: 13 Jan 2021 17:00

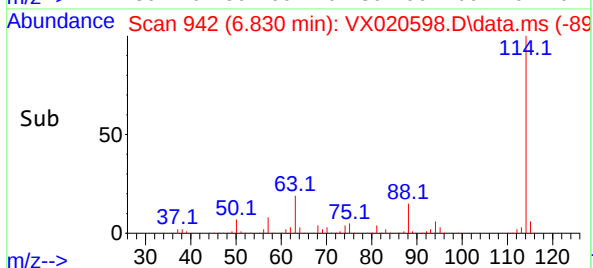
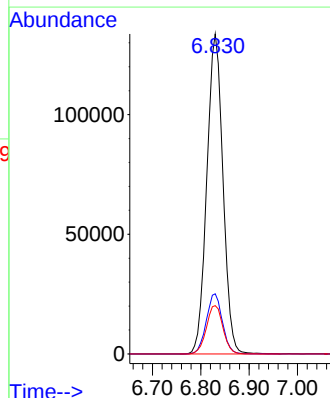
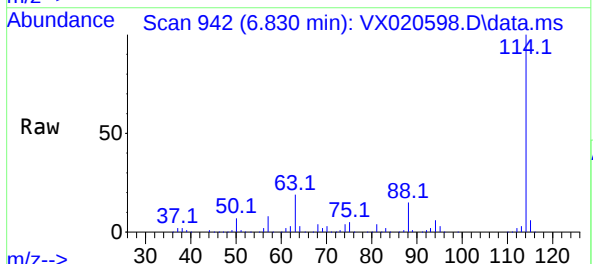
Tgt Ion: 114 Resp: 309972

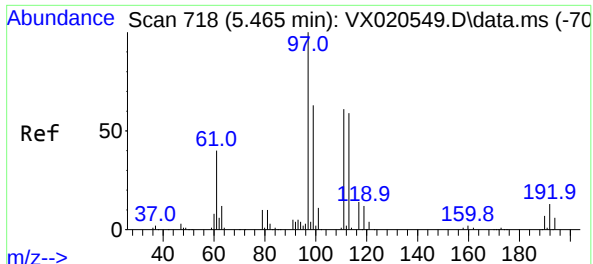
Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.8

88 15.1 0.0 32.8

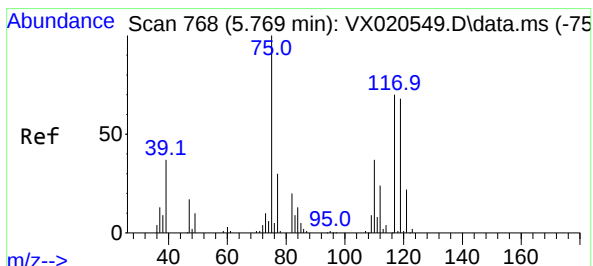
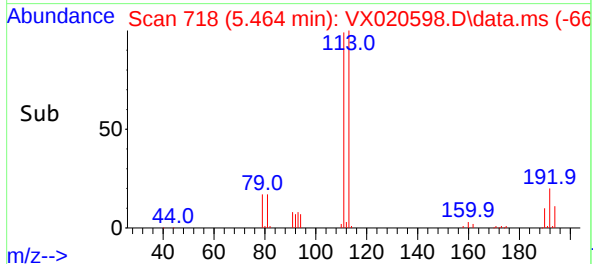
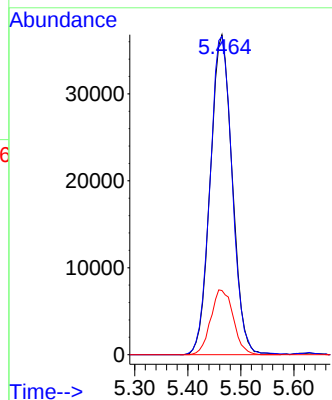
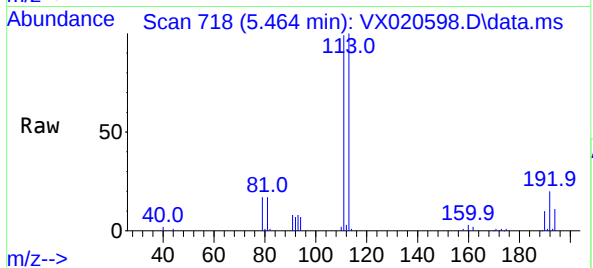




#35
Dibromofluoromethane
Concen: 49.27 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.001 min
Lab File: VX020598.D
Acq: 13 Jan 2021 17:00

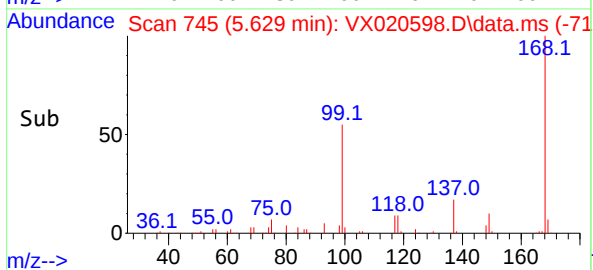
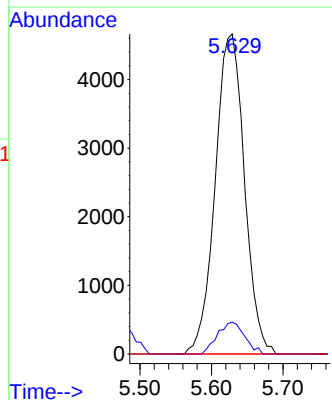
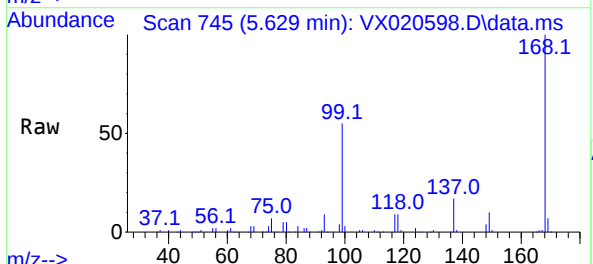
Instrument :
MSVOA_X
ClientSampled :

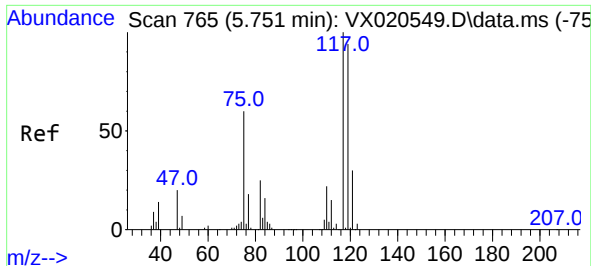
Tgt Ion:113 Resp: 105813
Ion Ratio Lower Upper
113 100
111 100.4 81.9 122.9
192 20.8 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.67 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX020598.D
Acq: 13 Jan 2021 17:00

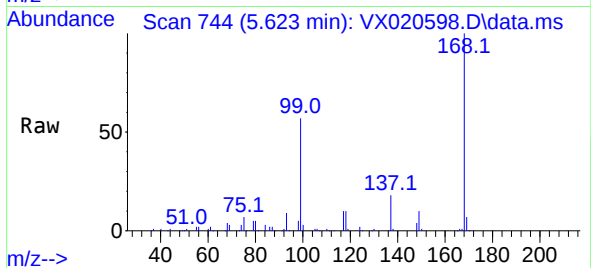
Tgt Ion: 75 Resp: 13239
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.4#
77 0.0 25.3 37.9#



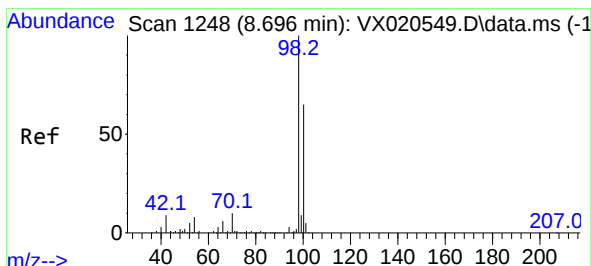
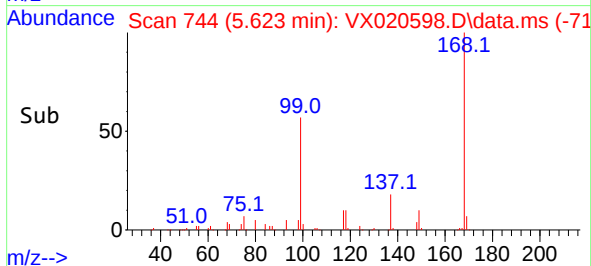
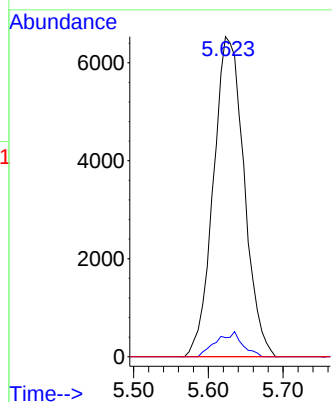


#38
Carbon Tetrachloride
Concen: 5.64 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.128 min
Lab File: VX020598.D
Acq: 13 Jan 2021 17:00

Instrument :
MSVOA_X
ClientSampled :

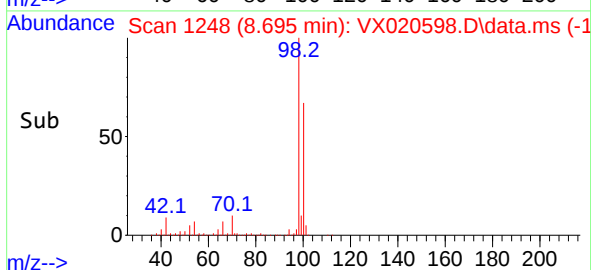
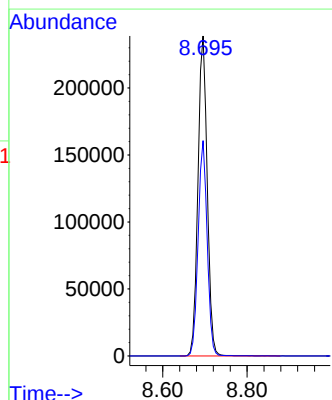
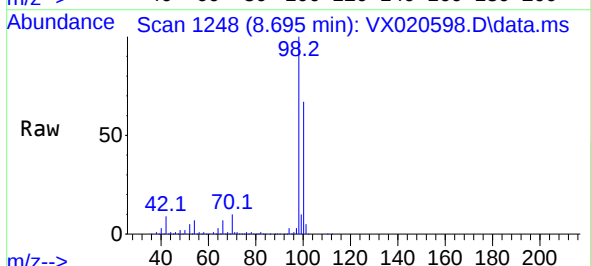


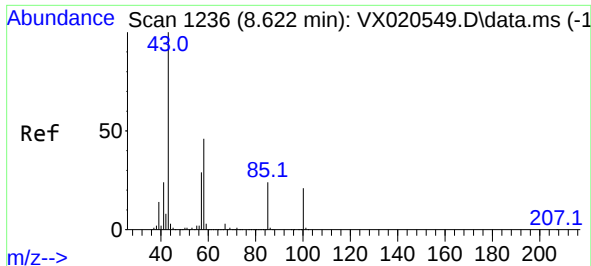
Tgt Ion:117 Resp: 18649
Ion Ratio Lower Upper
117 100
119 5.9 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.58 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. -0.001 min
Lab File: VX020598.D
Acq: 13 Jan 2021 17:00

Tgt Ion: 98 Resp: 365680
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9

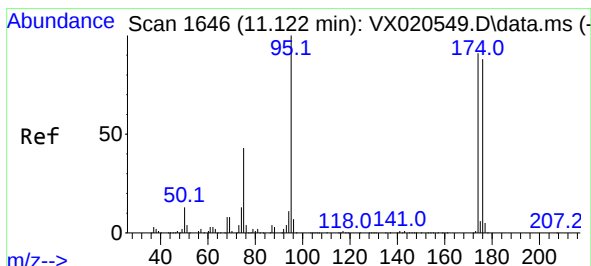
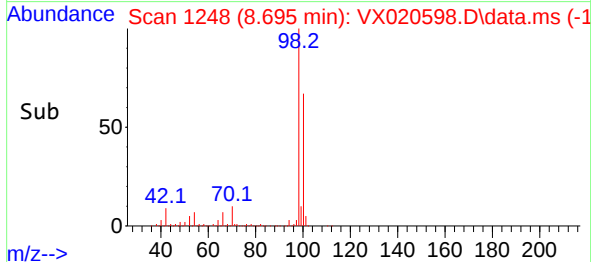
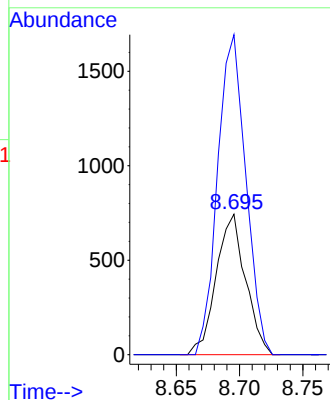
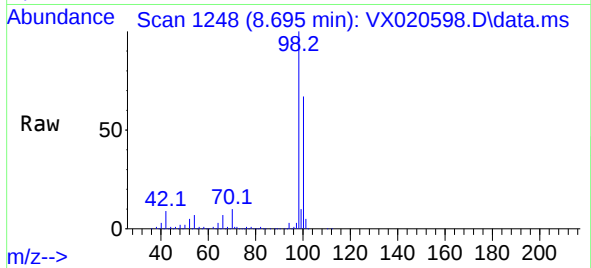




#51
4-Methyl-2-Pentanone
Concen: 0.49 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.073 min
Lab File: VX020598.D
Acq: 13 Jan 2021 17:00

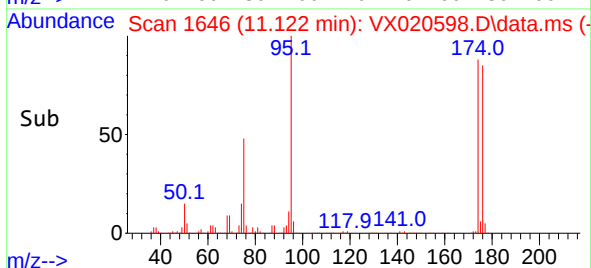
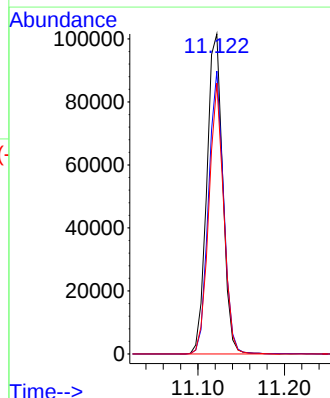
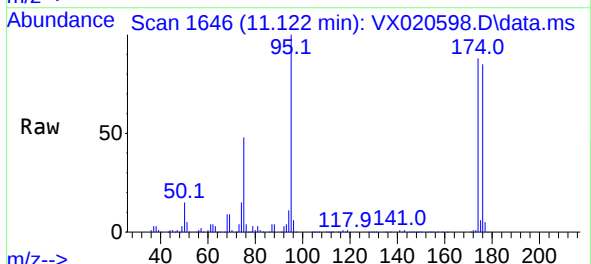
Instrument :
MSVOA_X
ClientSampled :

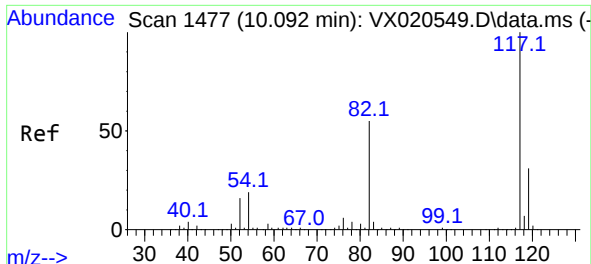
Tgt Ion: 43 Resp: 1203
Ion Ratio Lower Upper
43 100
58 218.5 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 47.61 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020598.D
Acq: 13 Jan 2021 17:00

Tgt Ion: 95 Resp: 129222
Ion Ratio Lower Upper
95 100
174 84.4 0.0 154.6
176 79.1 0.0 155.8

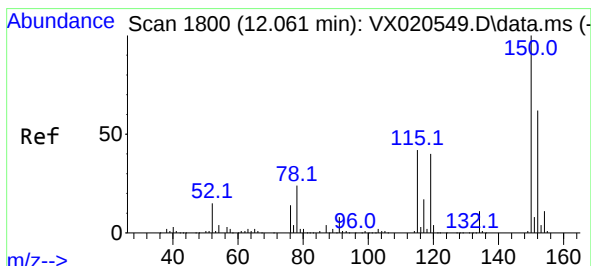
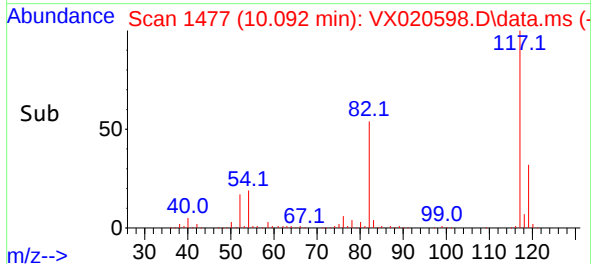
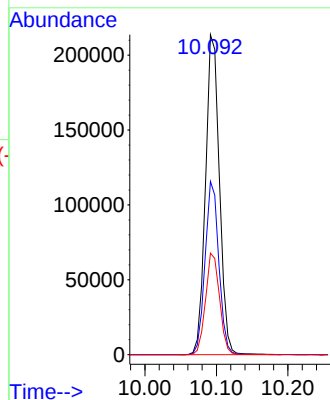
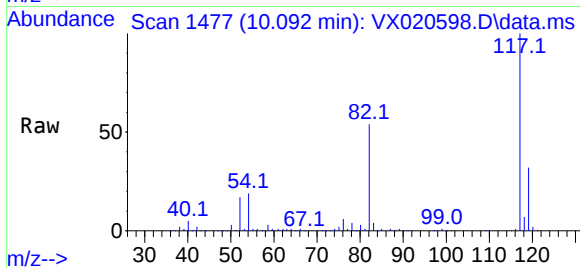




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020598.D
Acq: 13 Jan 2021 17:00

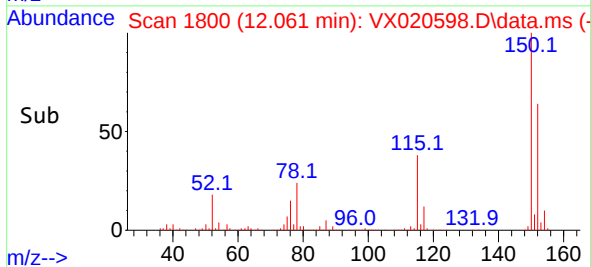
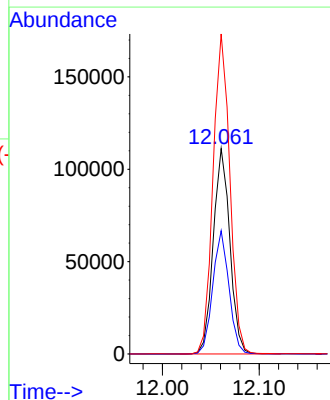
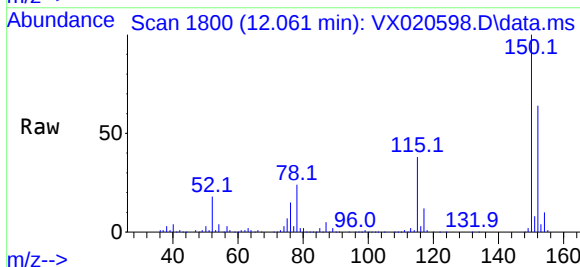
Instrument :
MSVOA_X
ClientSampled :

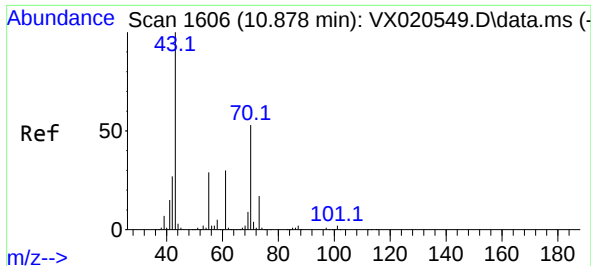
Tgt Ion:117 Resp: 289650
Ion Ratio Lower Upper
117 100
82 54.2 47.4 71.2
119 31.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020598.D
Acq: 13 Jan 2021 17:00

Tgt Ion:152 Resp: 131959
Ion Ratio Lower Upper
152 100
115 58.7 41.1 123.3
150 158.5 0.0 349.0

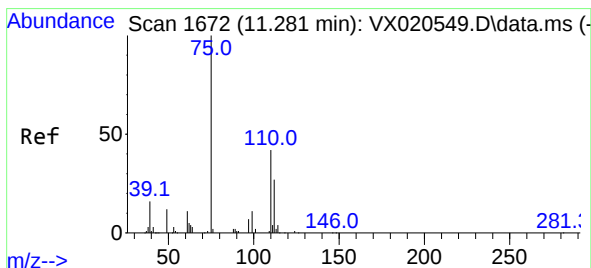
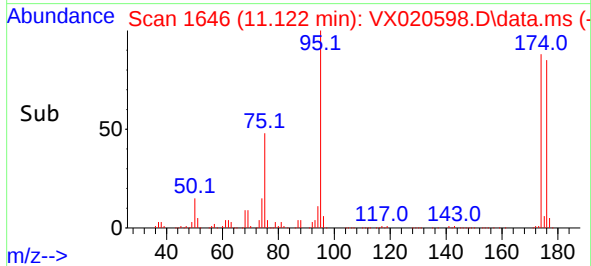
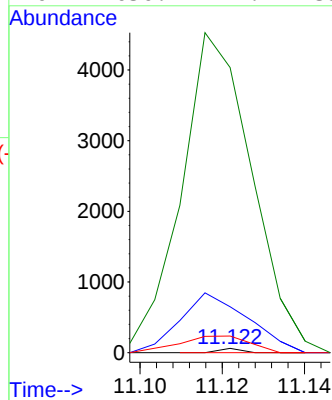
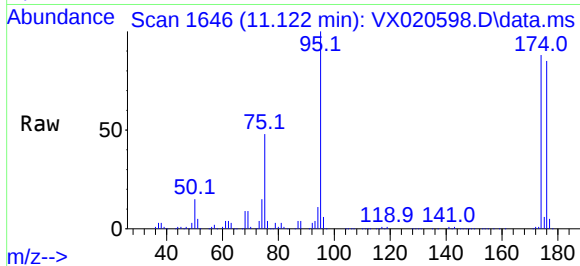




#74
N-amy1 acetate
Concen: 1.24 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.244 min
Lab File: VX020598.D
Acq: 13 Jan 2021 17:00

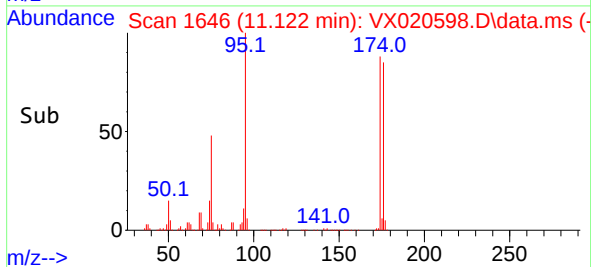
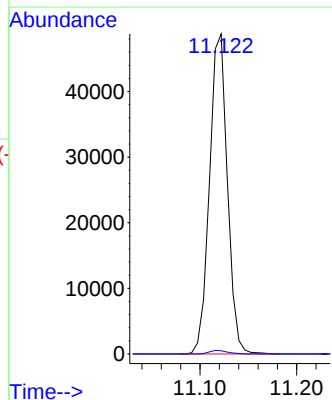
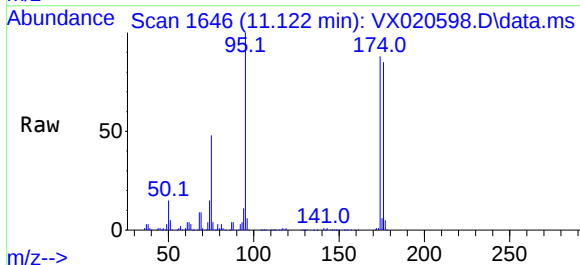
Instrument :
MSVOA_X
ClientSampled :

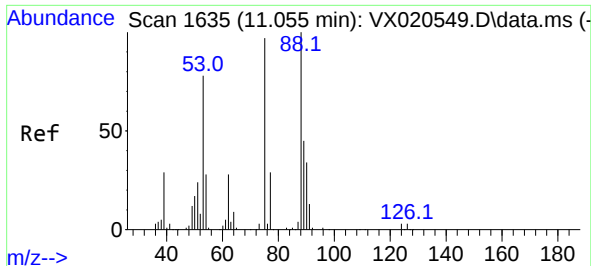
Tgt Ion: 43 Resp: 22
Ion Ratio Lower Upper
43 100
70 4418.2 39.0 58.6#
55 1281.8 21.5 32.3#
61 24636.4 22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 22.58 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.159 min
Lab File: VX020598.D
Acq: 13 Jan 2021 17:00

Tgt Ion: 75 Resp: 62768
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#

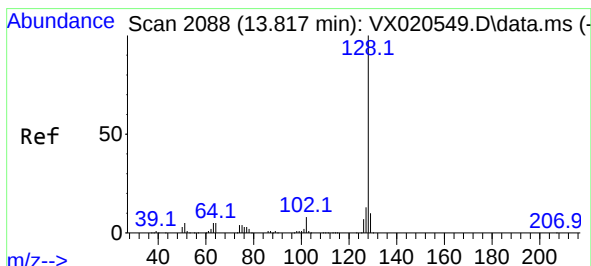
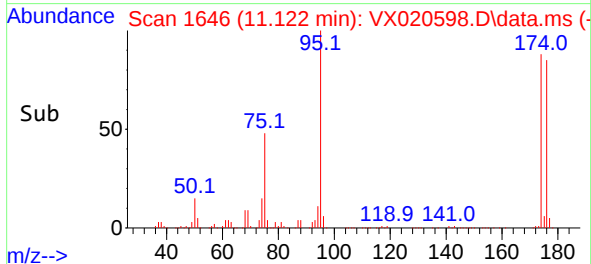
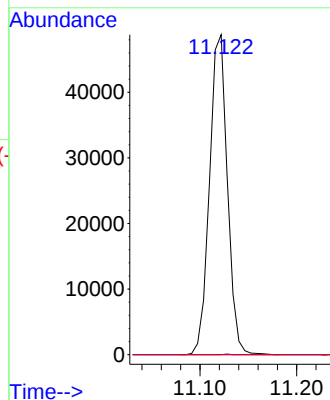
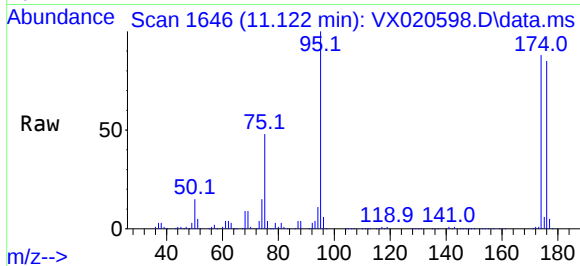




#81
trans-1,4-Dichloro-2-butene
Concen: 61.52 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020598.D
Acq: 13 Jan 2021 17:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 62768
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 3.86 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020598.D
Acq: 13 Jan 2021 17:00

Tgt Ion:128 Resp: 114
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

