

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011321\
 Data File : VX020587.D
 Acq On : 13 Jan 2021 12:11
 Operator : JC/MD
 Sample : VX0113MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 13 14:20:17 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	178777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	289049	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	274895	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	119921	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	113211	52.72	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	105.44%
35) Dibromofluoromethane	5.458	113	102751	51.30	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.60%
50) Toluene-d8	8.695	98	345427	48.20	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.40%
62) 4-Bromofluorobenzene	11.122	95	117235	46.32	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.64%

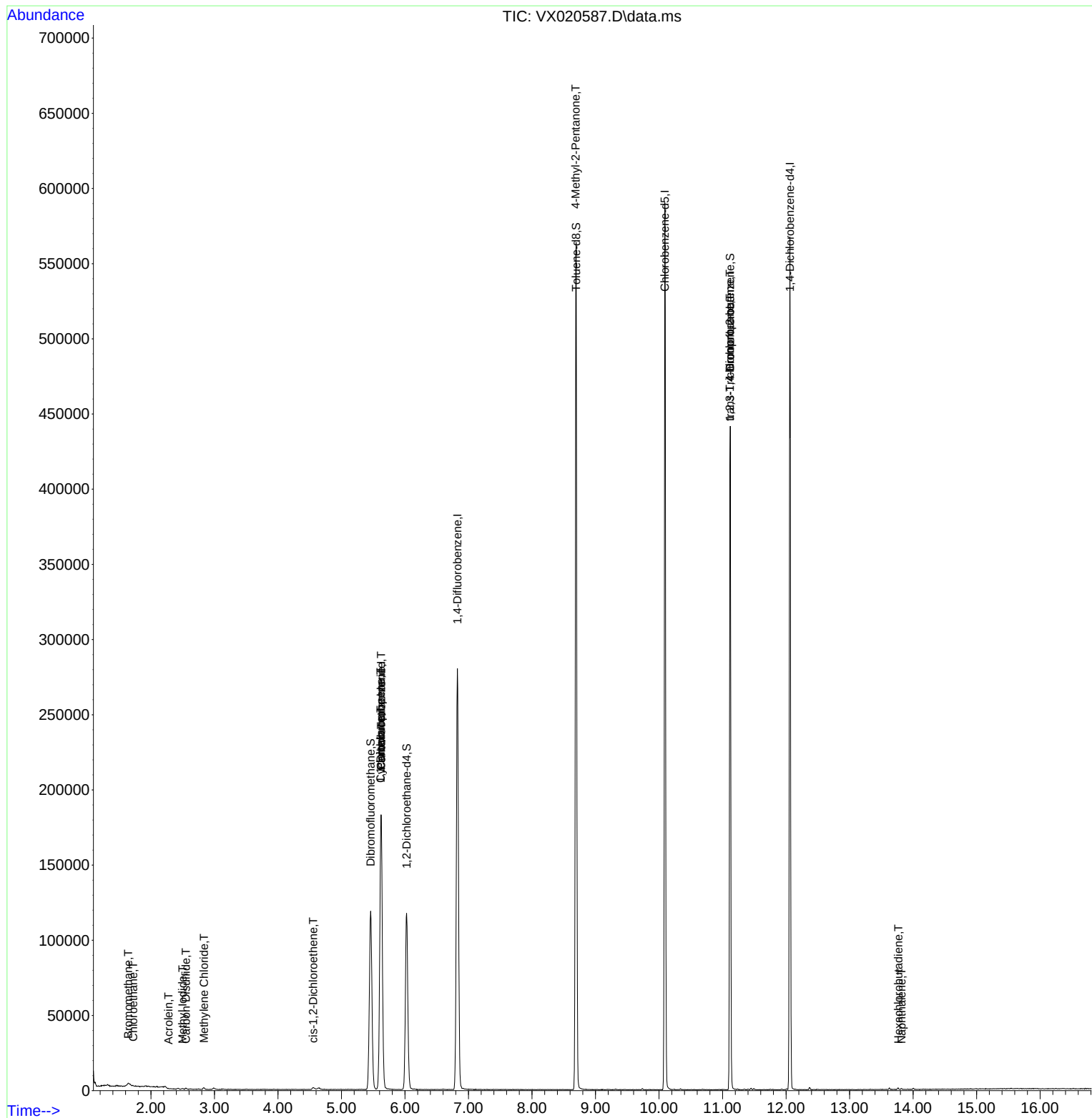
Target Compounds						Qvalue
5) Bromomethane	1.642	94	377	0.30	ug/l #	71
6) Chloroethane	1.721	64	20	0.44	ug/l #	43
10) Methyl Iodide	2.495	142	556	0.23	ug/l #	85
11) Tert butyl alcohol	2.989	59	583	Below Cal	#	73
13) Acrolein	2.276	56	95	0.32	ug/l #	14
16) Acetone	2.422	43	740	Below Cal	#	67
17) Carbon Disulfide	2.550	76	961	0.20	ug/l #	75
20) Methylene Chloride	2.837	84	579	0.29	ug/l #	70
27) cis-1,2-Dichloroethene	4.556	96	940	0.44	ug/l	85
31) Cyclohexane	5.617	56	3232	1.28	ug/l #	2
36) 1,1-Dichloropropene	5.617	75	12663	4.79	ug/l #	49
38) Carbon Tetrachloride	5.623	117	17590	5.71	ug/l #	18
51) 4-Methyl-2-Pentanone	8.689	43	1269	0.55	ug/l #	1
76) 1,2,3-Trichloropropane	11.116	75	56791	22.48	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	56791	61.25	ug/l #	12
94) Hexachlorobutadiene	13.768	225	241	1.04	ug/l	92
95) Naphthalene	13.816	128	567	3.90	ug/l #	92

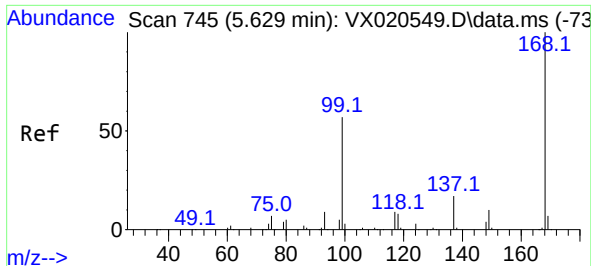
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011321\
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Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jan 13 14:20:17 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

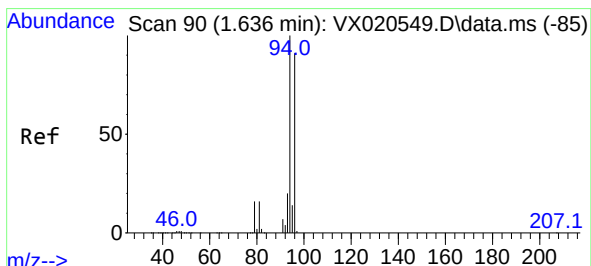
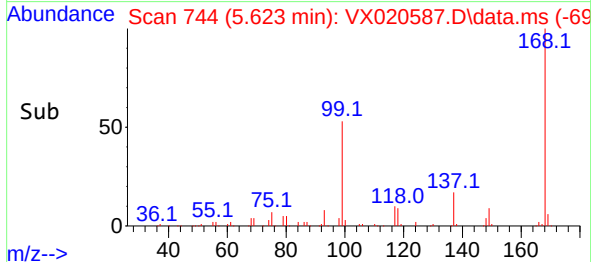
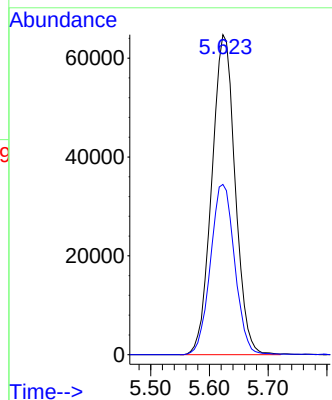
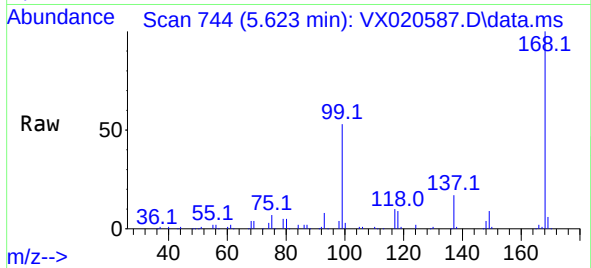




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.006 min
Lab File: VX020587.D
Acq: 13 Jan 2021 12:11

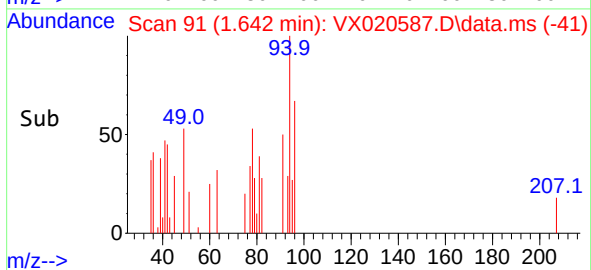
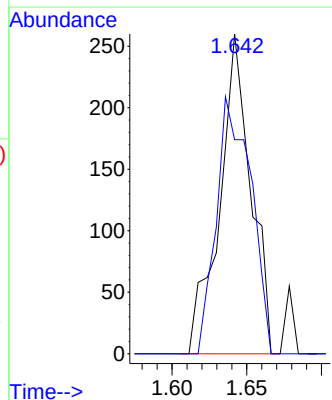
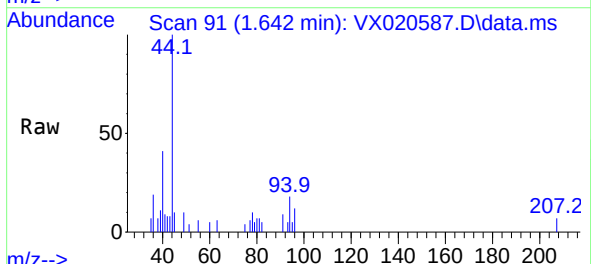
Instrument :
MSVOA_X
ClientSampleId :

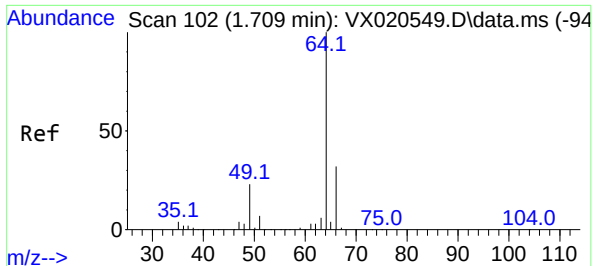
Tgt Ion:168 Resp: 178777
Ion Ratio Lower Upper
168 100
99 53.2 45.8 68.6



#5
Bromomethane
Concen: 0.30 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX020587.D
Acq: 13 Jan 2021 12:11

Tgt Ion: 94 Resp: 377
Ion Ratio Lower Upper
94 100
96 66.9 76.4 114.6#

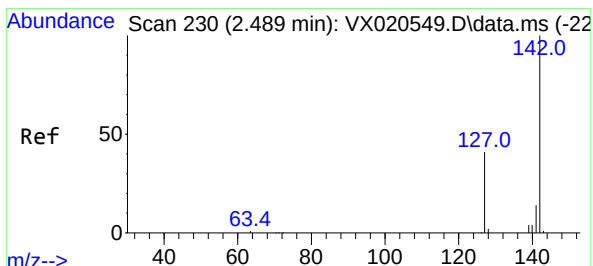
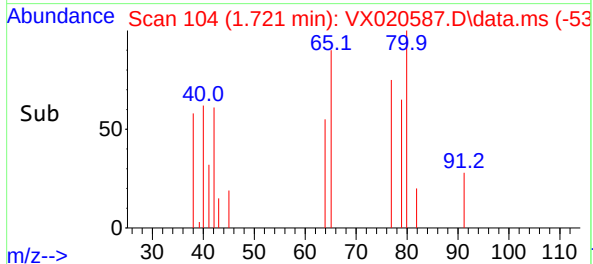
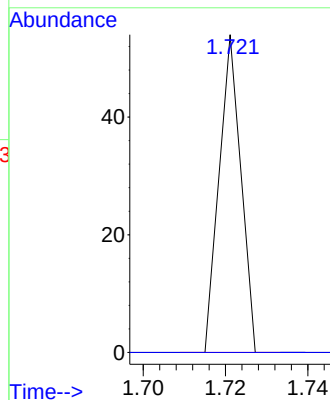
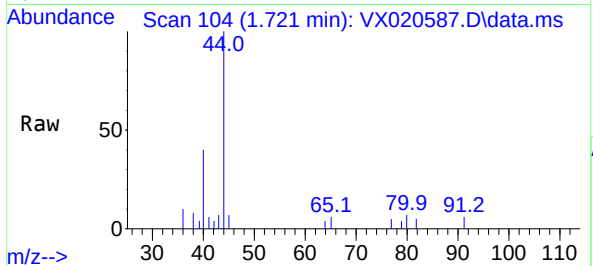




#6
Chloroethane
Concen: 0.44 ug/l
RT: 1.721 min Scan# 104
Delta R.T. 0.012 min
Lab File: VX020587.D
Acq: 13 Jan 2021 12:11

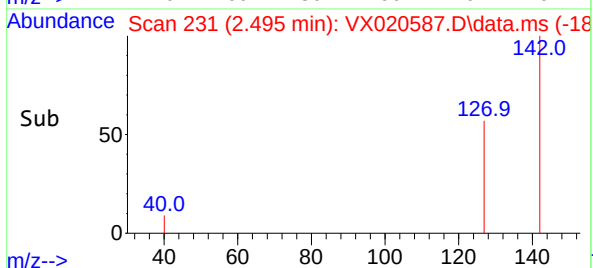
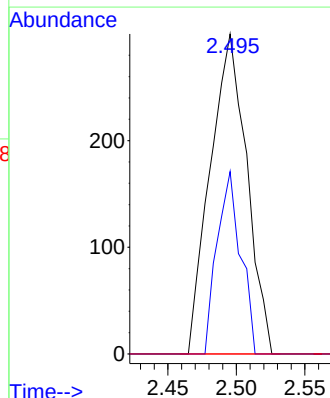
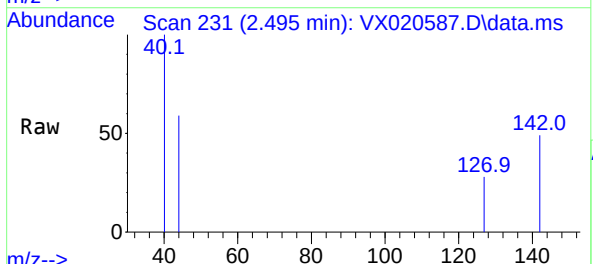
Instrument :
MSVOA_X
ClientSampled :

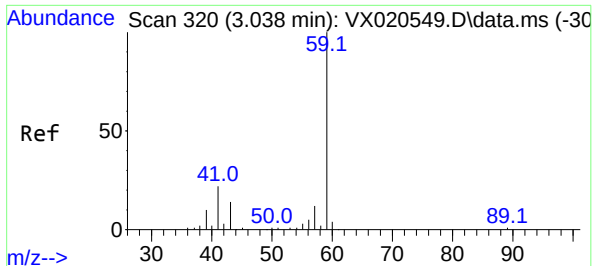
Tgt Ion: 64 Resp: 20
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.23 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020587.D
Acq: 13 Jan 2021 12:11

Tgt Ion: 142 Resp: 556
Ion Ratio Lower Upper
142 100
127 36.7 33.3 49.9
141 0.0 11.4 17.0#



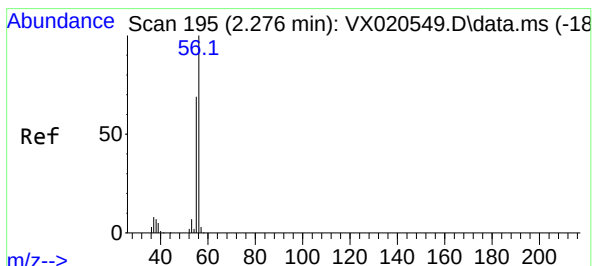
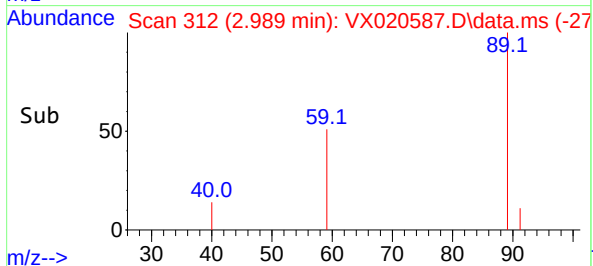
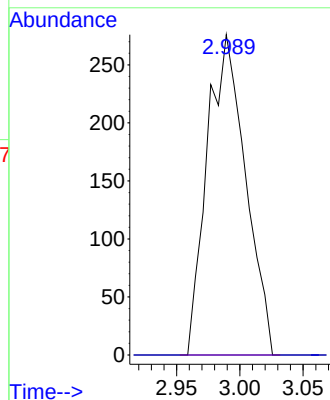
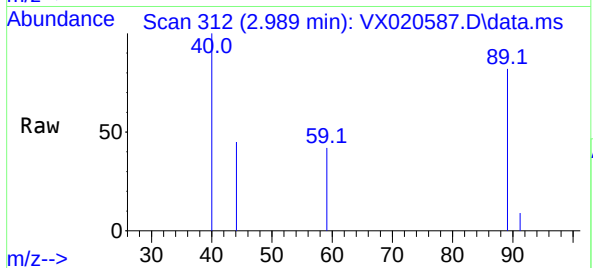


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.989 min Scan# 312
Delta R.T. -0.049 min
Lab File: VX020587.D
Acq: 13 Jan 2021 12:11

Instrument :
MSVOA_X
ClientSampled :

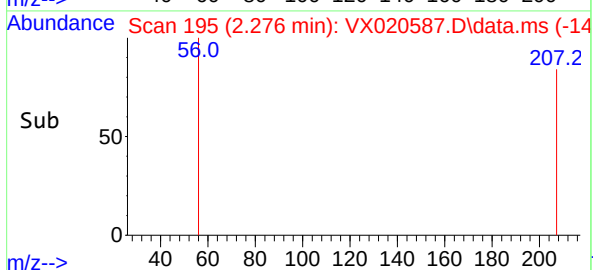
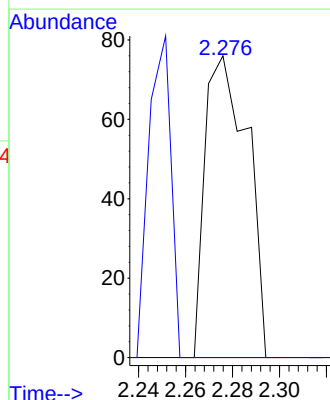
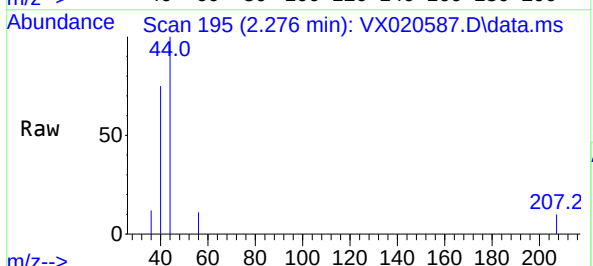
Tgt Ion: 59 Resp: 583
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

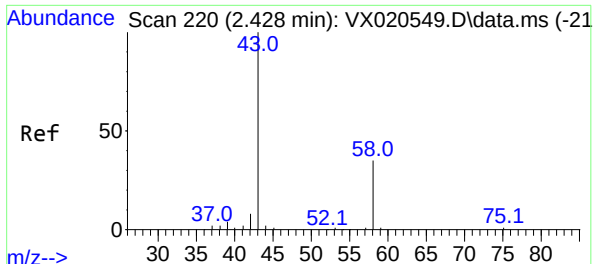


#13

Acrolein
Concen: 0.32 ug/l
RT: 2.276 min Scan# 195
Delta R.T. -0.000 min
Lab File: VX020587.D
Acq: 13 Jan 2021 12:11

Tgt Ion: 56 Resp: 95
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

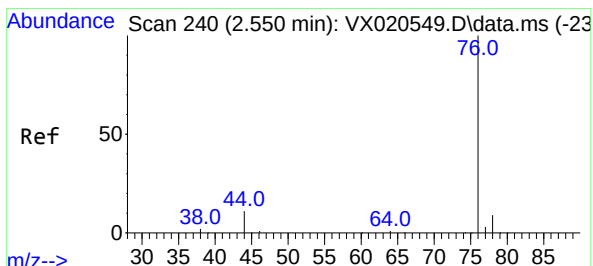
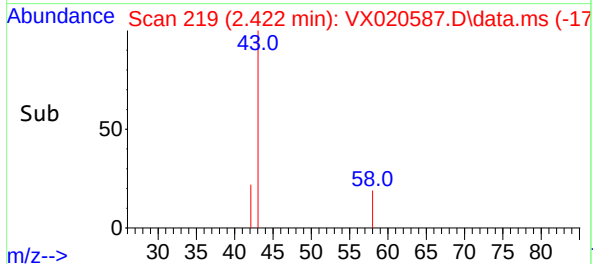
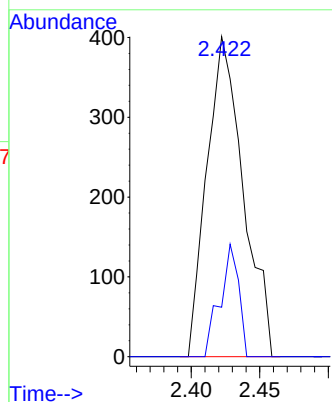
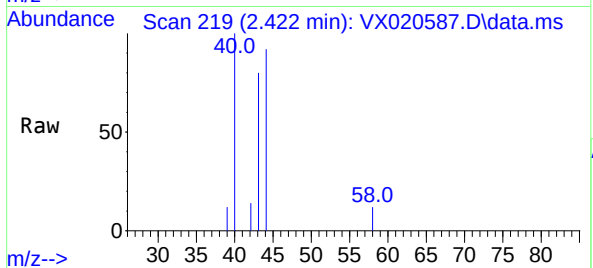




#16
Acetone
Concen: Below Cal
RT: 2.422 min Scan# 219
Delta R.T. -0.006 min
Lab File: VX020587.D
Acq: 13 Jan 2021 12:11

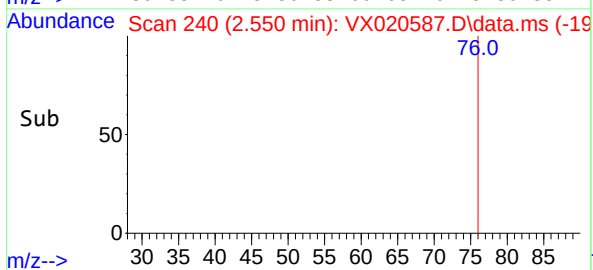
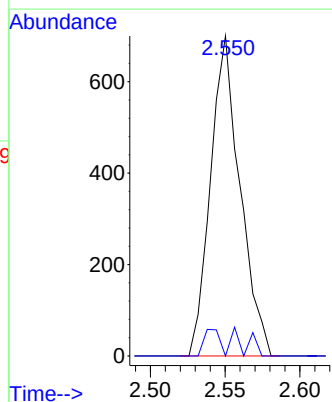
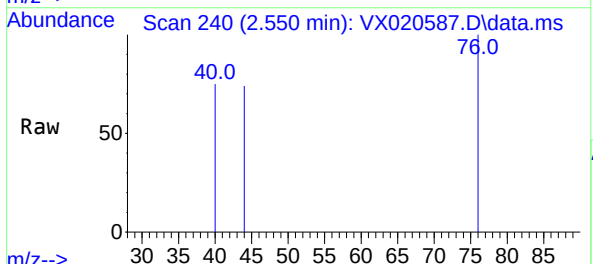
Instrument :
MSVOA_X
ClientSampled :

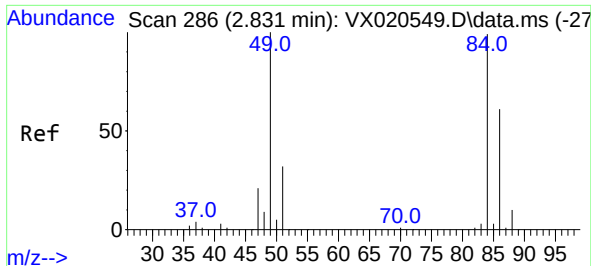
Tgt Ion: 43 Resp: 740
Ion Ratio Lower Upper
43 100
58 15.5 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.20 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.000 min
Lab File: VX020587.D
Acq: 13 Jan 2021 12:11

Tgt Ion: 76 Resp: 961
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: 0.29 ug/l

RT: 2.837 min Scan# 287

Delta R.T. 0.006 min

Lab File: VX020587.D

Acq: 13 Jan 2021 12:11

Tgt Ion: 84 Resp: 579

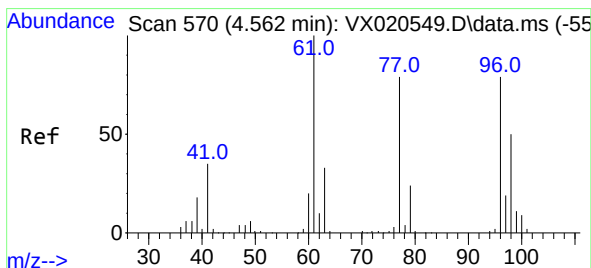
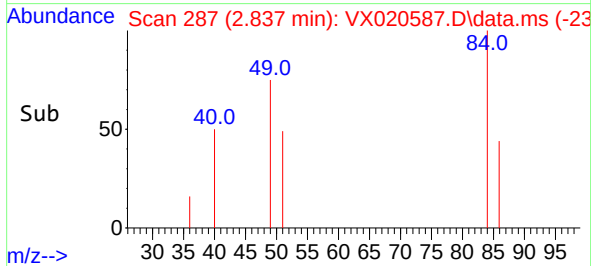
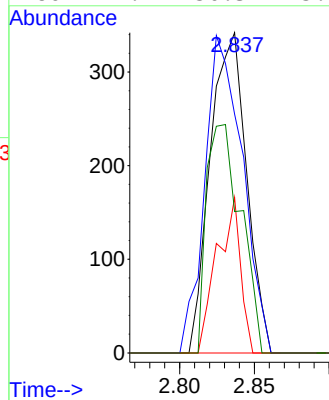
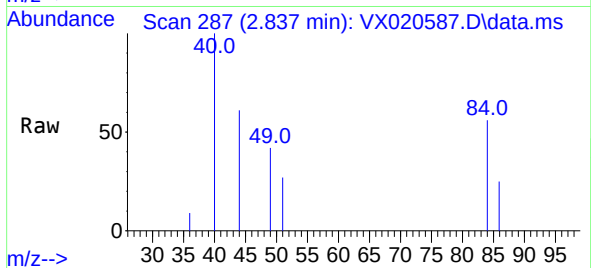
Ion Ratio Lower Upper

84 100

49 74.6 88.6 132.8#

51 48.5 27.0 40.6#

86 44.2 50.3 75.5#



#27

cis-1,2-Dichloroethene

Concen: 0.44 ug/l

RT: 4.556 min Scan# 569

Delta R.T. -0.006 min

Lab File: VX020587.D

Acq: 13 Jan 2021 12:11

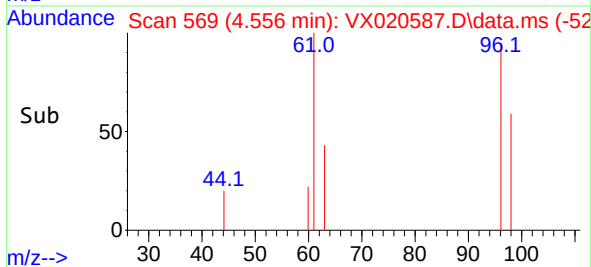
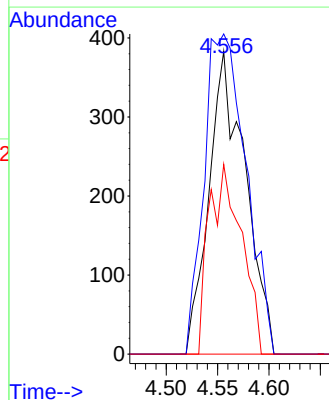
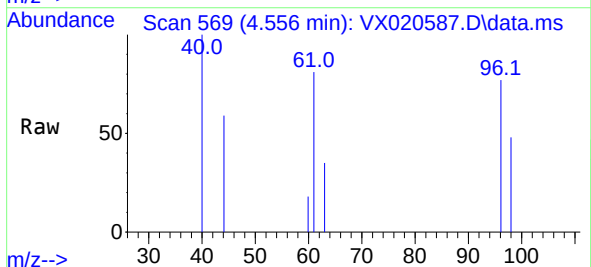
Tgt Ion: 96 Resp: 940

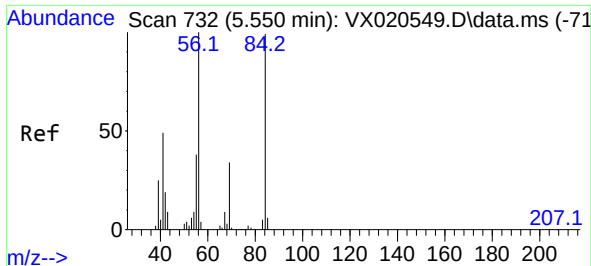
Ion Ratio Lower Upper

96 100

61 122.4 0.0 285.6

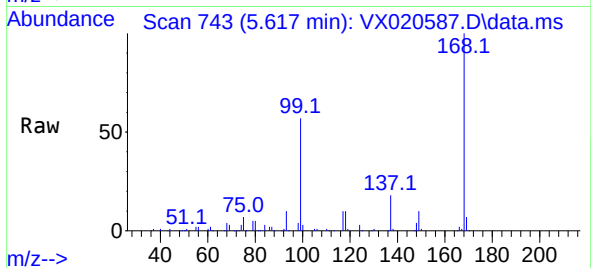
98 56.4 0.0 129.6



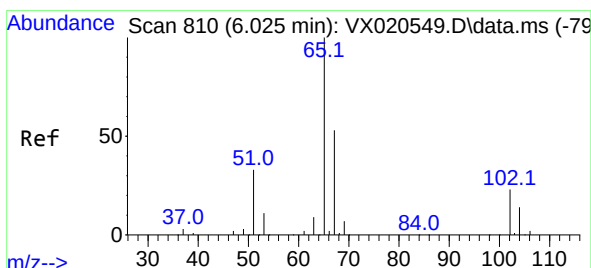
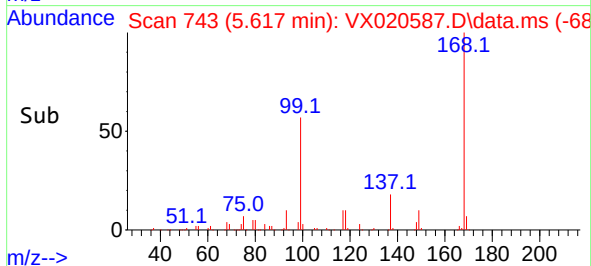
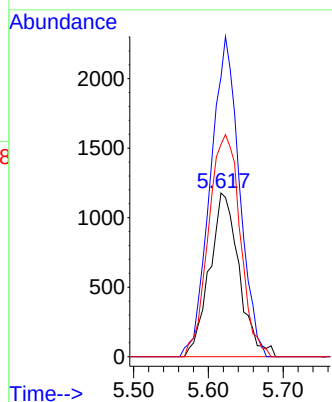


#31
Cyclohexane
Concen: 1.28 ug/l
RT: 5.617 min Scan# 743
Delta R.T. 0.067 min
Lab File: VX020587.D
Acq: 13 Jan 2021 12:11

Instrument :
MSVOA_X
ClientSampled :

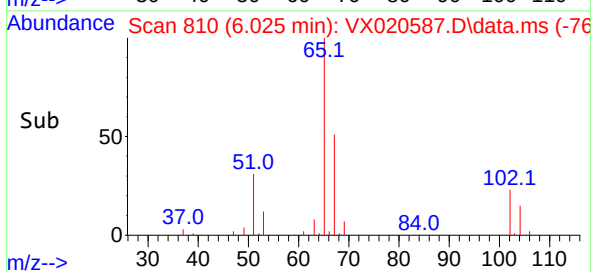
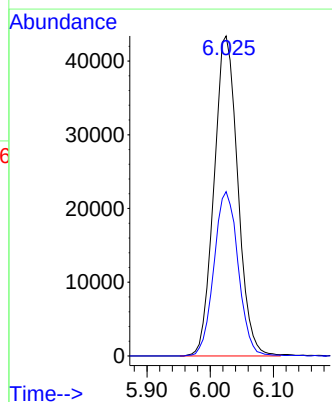
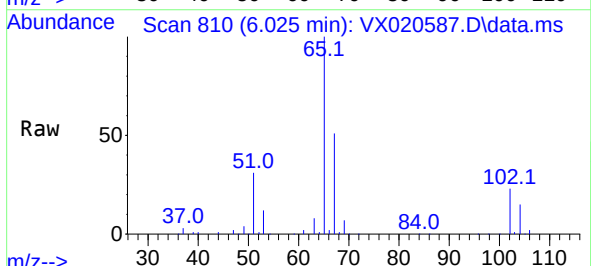


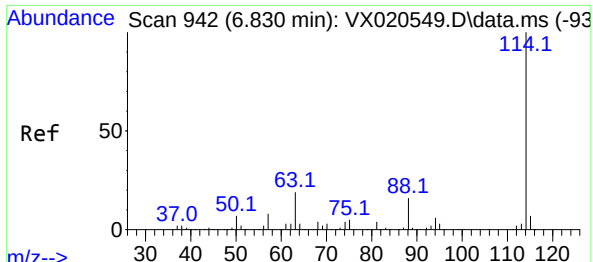
Tgt Ion: 56 Resp: 3232
Ion Ratio Lower Upper
56 100
69 170.9 25.3 37.9#
84 129.7 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 52.72 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020587.D
Acq: 13 Jan 2021 12:11

Tgt Ion: 65 Resp: 113211
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.4

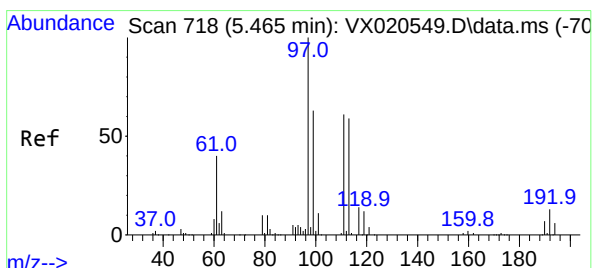
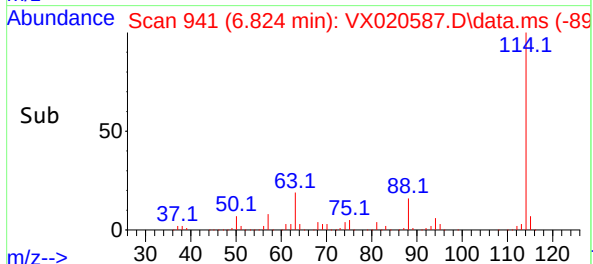
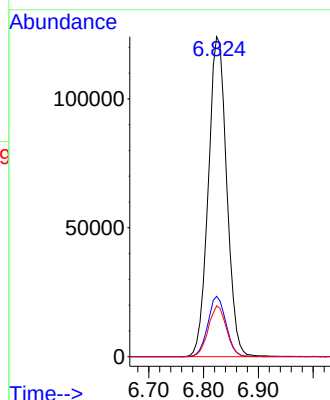
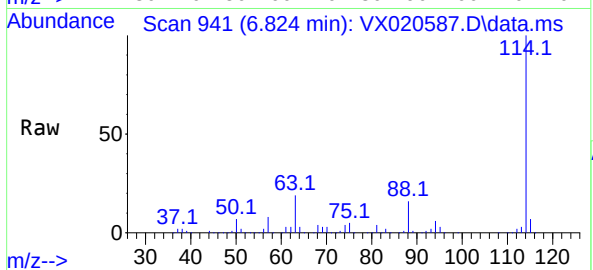




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.824 min Scan# 941
Delta R.T. -0.006 min
Lab File: VX020587.D
Acq: 13 Jan 2021 12:11

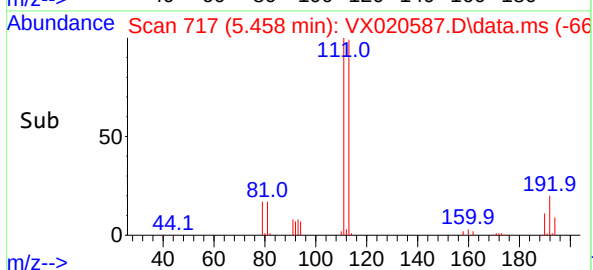
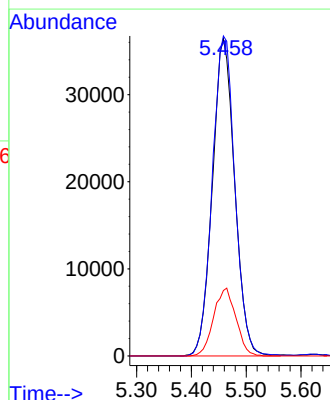
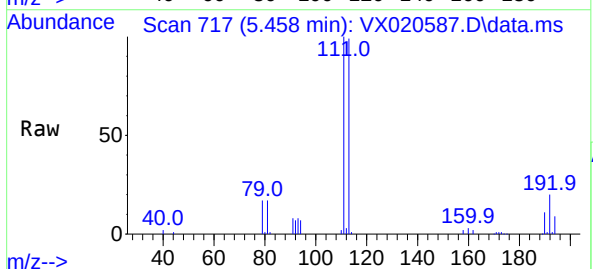
Instrument :
MSVOA_X
ClientSampled :

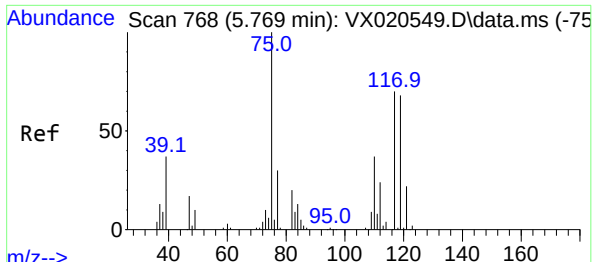
Tgt Ion:114 Resp: 289049
Ion Ratio Lower Upper
114 100
63 18.8 0.0 40.8
88 15.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.30 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.007 min
Lab File: VX020587.D
Acq: 13 Jan 2021 12:11

Tgt Ion:113 Resp: 102751
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 21.4 16.7 25.1

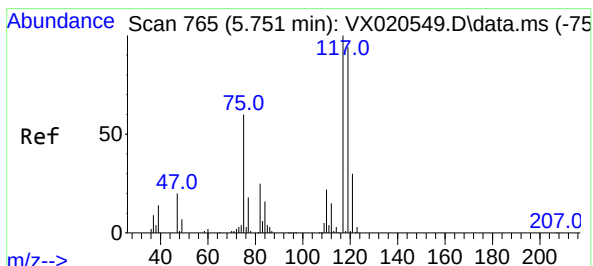
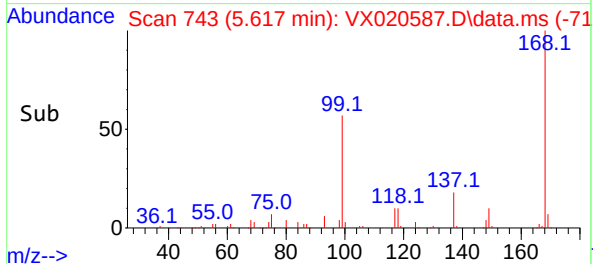
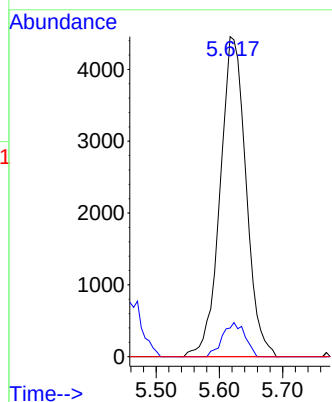
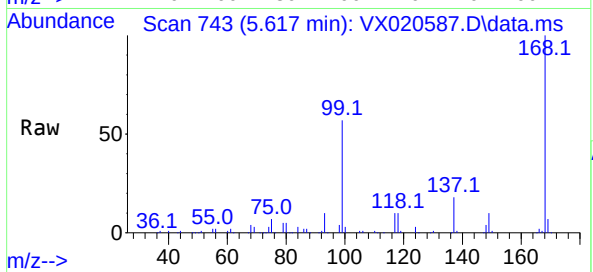




#36
1,1-Dichloropropene
Concen: 4.79 ug/l
RT: 5.617 min Scan# 743
Delta R.T. -0.152 min
Lab File: VX020587.D
Acq: 13 Jan 2021 12:11

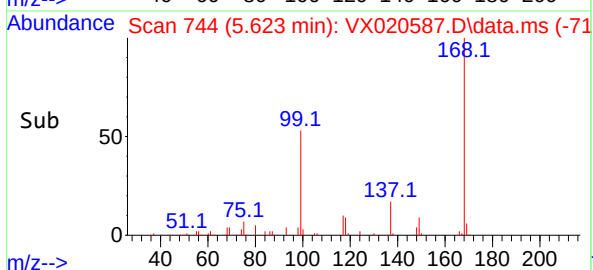
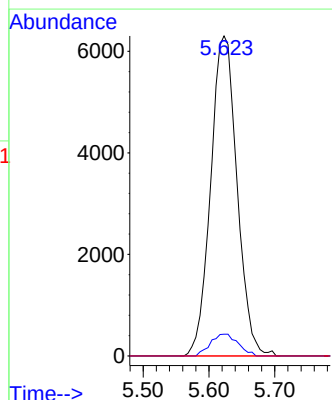
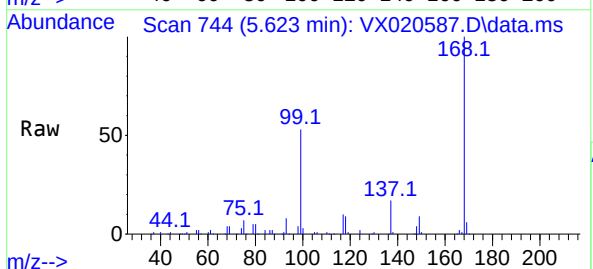
Instrument :
MSVOA_X
ClientSampled :

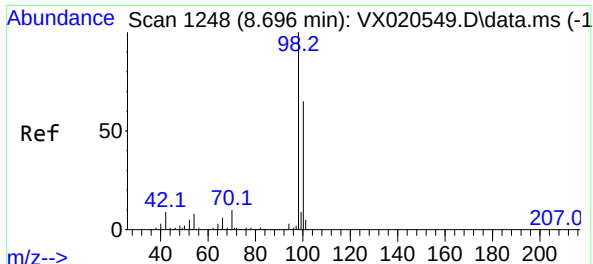
Tgt Ion: 75 Resp: 12663
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.71 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.128 min
Lab File: VX020587.D
Acq: 13 Jan 2021 12:11

Tgt Ion: 117 Resp: 17590
Ion Ratio Lower Upper
117 100
119 6.8 76.2 114.2#
121 0.0 24.8 37.2#

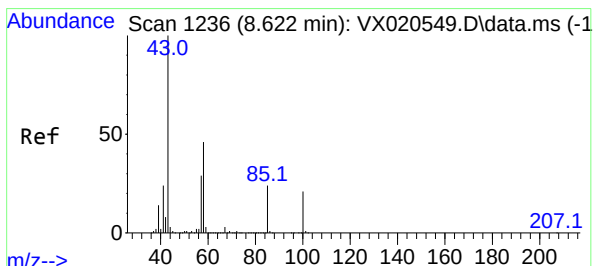
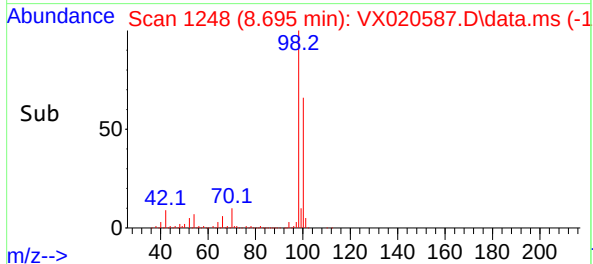
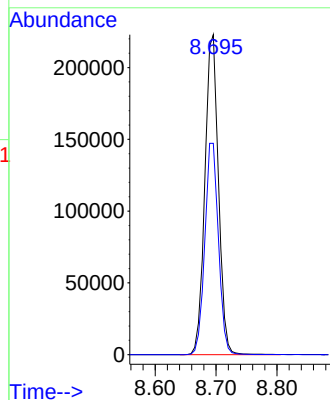
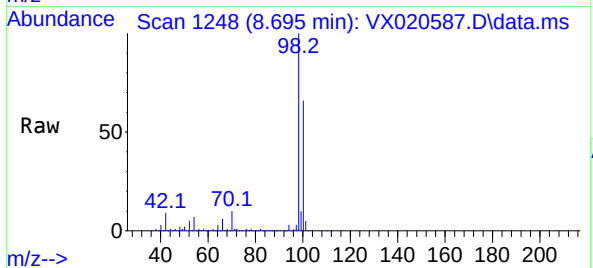




#50
Toluene-d8
Concen: 48.20 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. -0.001 min
Lab File: VX020587.D
Acq: 13 Jan 2021 12:11

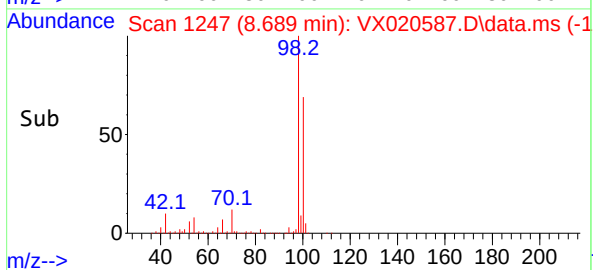
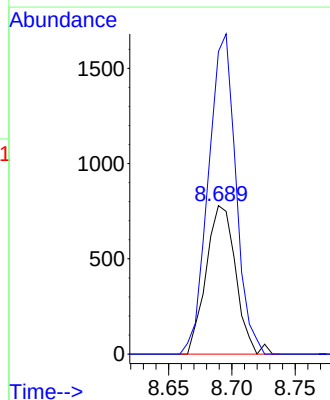
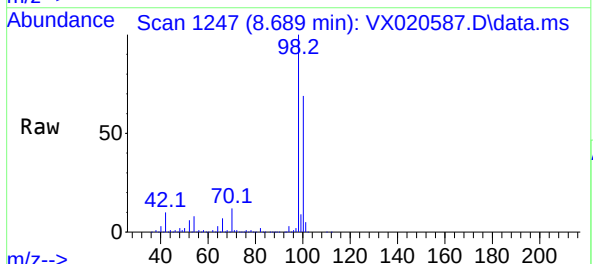
Instrument :
MSVOA_X
ClientSampled :

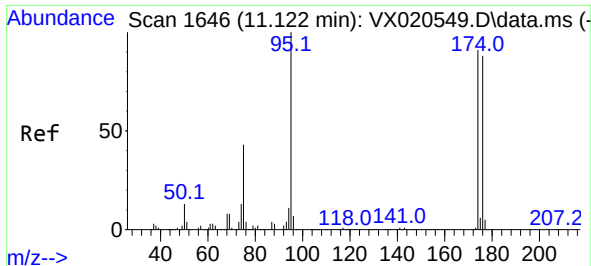
Tgt Ion: 98 Resp: 345427
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.55 ug/l
RT: 8.689 min Scan# 1247
Delta R.T. 0.067 min
Lab File: VX020587.D
Acq: 13 Jan 2021 12:11

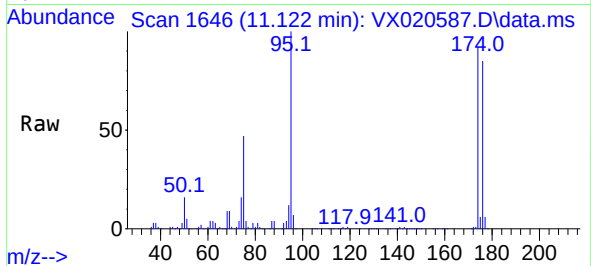
Tgt Ion: 43 Resp: 1269
Ion Ratio Lower Upper
43 100
58 200.0 35.4 53.0#



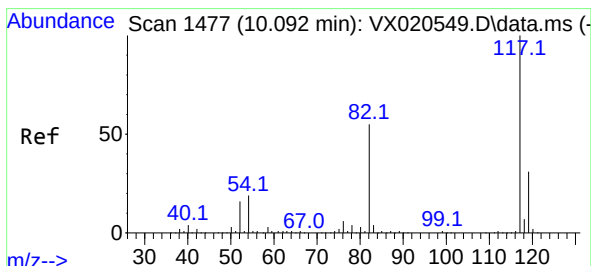
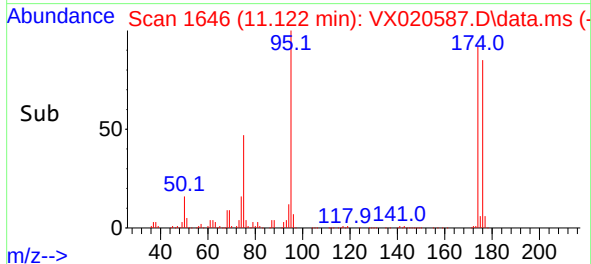
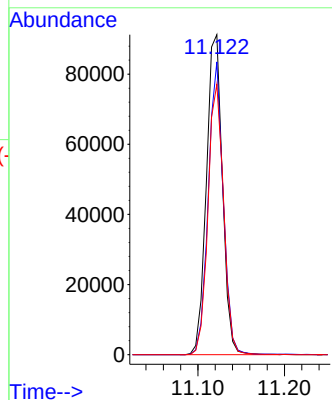


#62
4-Bromofluorobenzene
Concen: 46.32 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020587.D
Acq: 13 Jan 2021 12:11

Instrument :
MSVOA_X
ClientSampleId :

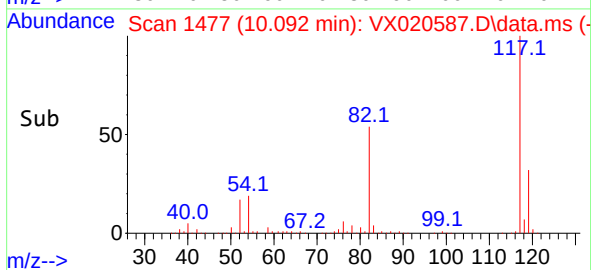
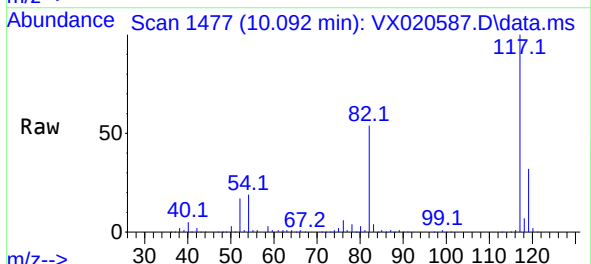
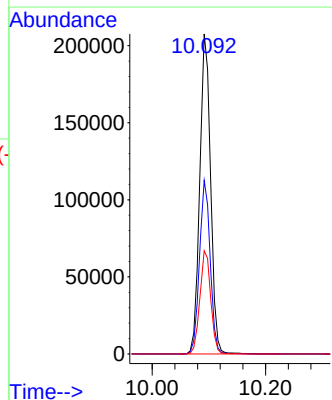


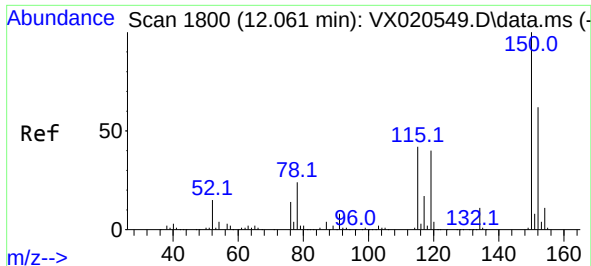
Tgt Ion: 95 Resp: 117235
Ion Ratio Lower Upper
95 100
174 85.9 0.0 154.6
176 82.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020587.D
Acq: 13 Jan 2021 12:11

Tgt Ion: 117 Resp: 274895
Ion Ratio Lower Upper
117 100
82 54.2 47.4 71.2
119 32.3 26.6 39.8

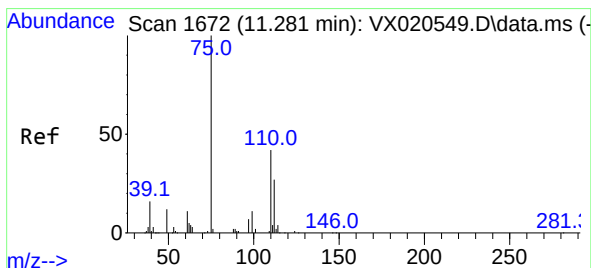
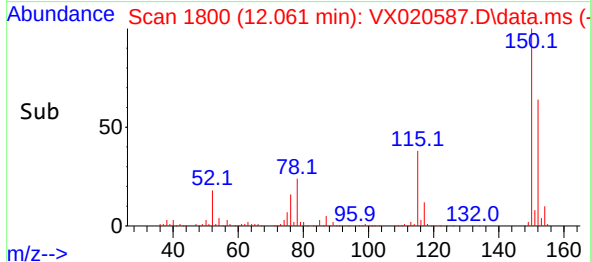
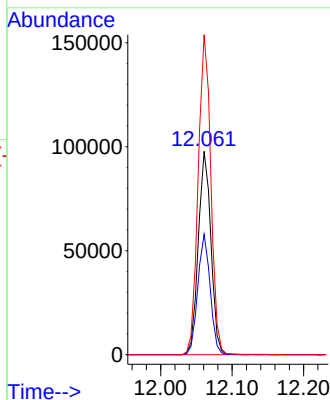
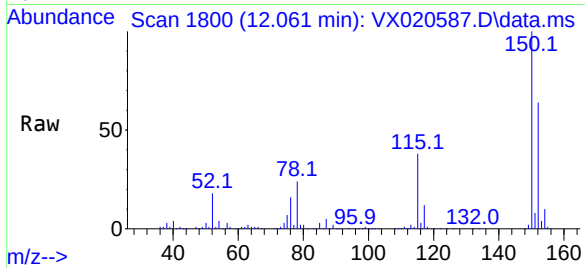




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020587.D
Acq: 13 Jan 2021 12:11

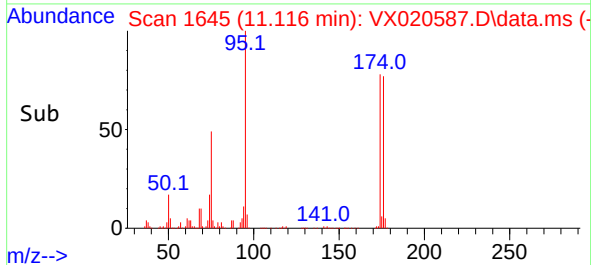
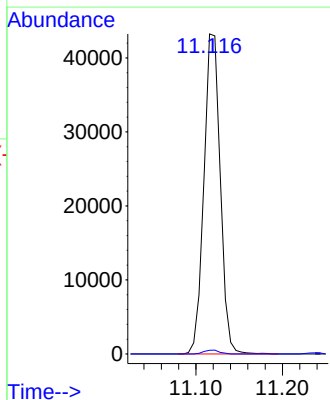
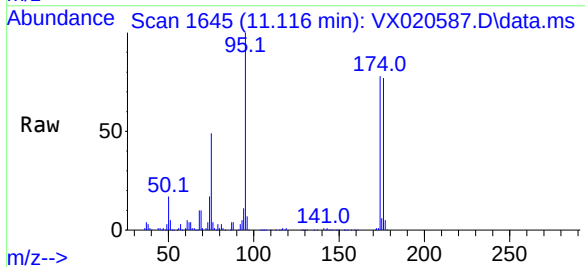
Instrument :
MSVOA_X
ClientSampled :

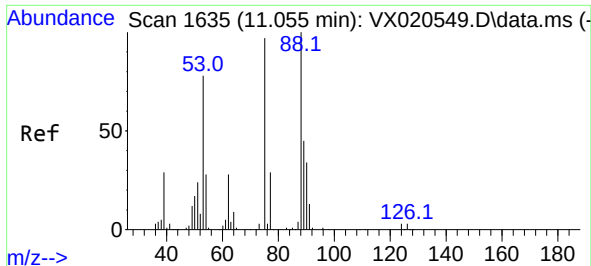
Tgt Ion:152 Resp: 119921
Ion Ratio Lower Upper
152 100
115 58.1 41.1 123.3
150 157.6 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 22.48 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.165 min
Lab File: VX020587.D
Acq: 13 Jan 2021 12:11

Tgt Ion: 75 Resp: 56791
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#

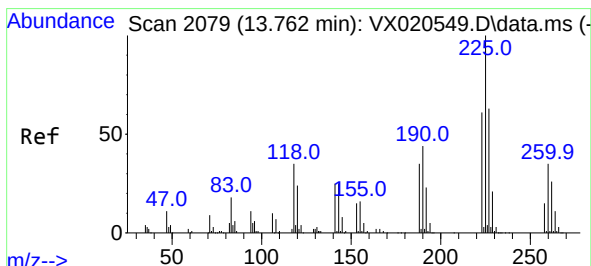
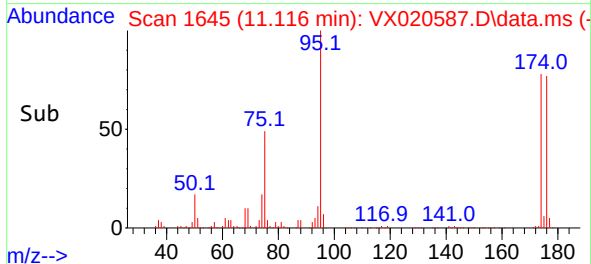
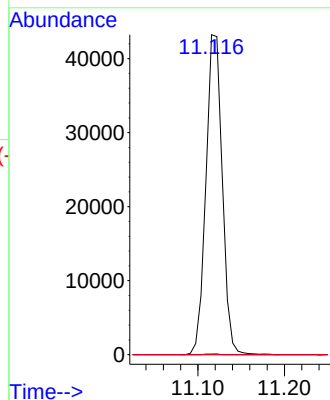
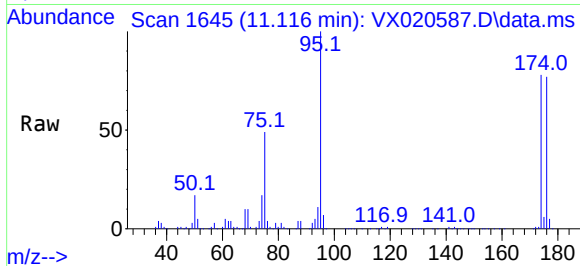




#81
trans-1,4-Dichloro-2-butene
Concen: 61.25 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020587.D
Acq: 13 Jan 2021 12:11

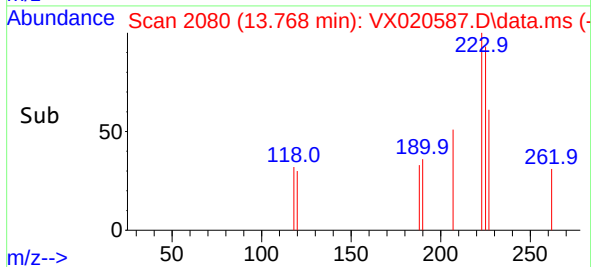
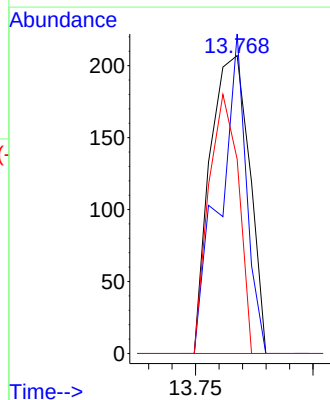
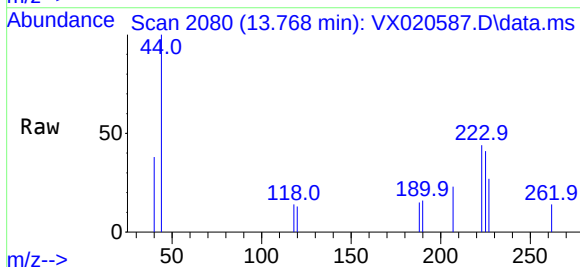
Instrument :
MSVOA_X
ClientSampleId :

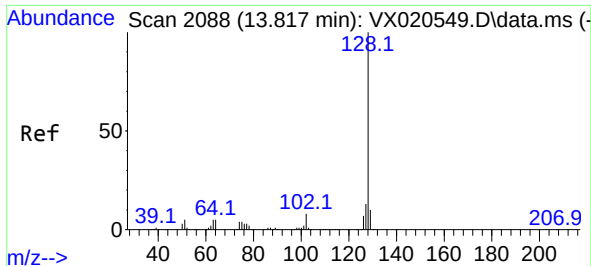
Tgt Ion: 75 Resp: 56791
Ion Ratio Lower Upper
75 100
53 0.2 74.5 111.7#
89 0.0 37.9 56.9#



#94
Hexachlorobutadiene
Concen: 1.04 ug/l
RT: 13.768 min Scan# 2080
Delta R.T. 0.006 min
Lab File: VX020587.D
Acq: 13 Jan 2021 12:11

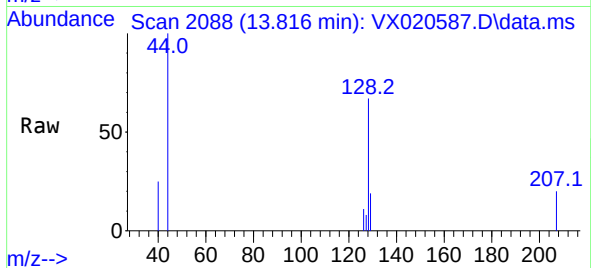
Tgt Ion: 225 Resp: 241
Ion Ratio Lower Upper
225 100
223 73.0 31.1 93.2
227 65.6 31.6 95.0





#95
Naphthalene
Concen: 3.90 ug/l
RT: 13.816 min Scan# 2088
Delta R.T. -0.001 min
Lab File: VX020587.D
Acq: 13 Jan 2021 12:11

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	128	Resp:	567
Ion	Ratio	Lower	Upper
128	100		
127	7.2	10.3	15.5#
129	11.6	8.8	13.2

