

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011321\
 Data File : VX020592.D
 Acq On : 13 Jan 2021 14:35
 Operator : JC/MD
 Sample : M1083-02DL2 5000X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

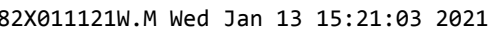
Quant Time: Jan 13 15:20:50 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 11 15:05:37 2021
 Response via : Initial Calibration

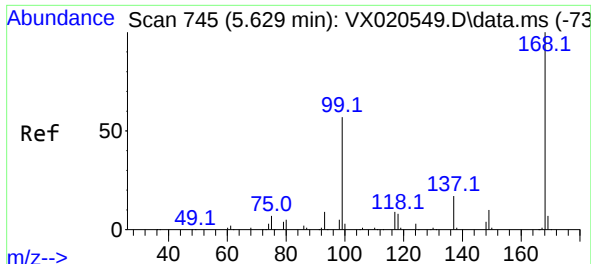
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.623	168	189600	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	303646	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	290436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	125080	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	116878	51.32	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	102.64%	
35) Dibromofluoromethane	5.458	113	104636	49.73	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	99.46%	
50) Toluene-d8	8.695	98	366622	48.70	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	97.40%	
62) 4-Bromofluorobenzene	11.116	95	127005	47.77	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	95.54%	
Target Compounds						
						Qvalue
4) Vinyl Chloride	1.392	62	4457	2.25	ug/l	93
5) Bromomethane	1.636	94	354	0.26	ug/l	97
6) Chloroethane	1.709	64	19	0.44	ug/l #	43
10) Methyl Iodide	2.489	142	540	0.21	ug/l #	80
11) Tert butyl alcohol	2.989	59	1505	1.36	ug/l #	73
16) Acetone	2.422	43	540	Below Cal	#	81
20) Methylene Chloride	2.831	84	722	0.34	ug/l #	95
27) cis-1,2-Dichloroethene	4.562	96	57354	25.28	ug/l	84
31) Cyclohexane	5.623	56	3393	1.27	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	13773	4.96	ug/l #	49
38) Carbon Tetrachloride	5.623	117	18504	5.72	ug/l #	16
51) 4-Methyl-2-Pentanone	8.689	43	1212	0.50	ug/l #	1
74) N-amyl acetate	11.122	43	39	1.25	ug/l #	1
76) 1,2,3-Trichloropropane	11.116	75	60928	23.12	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	60928	63.00	ug/l #	12
95) Naphthalene	13.816	128	301	3.87	ug/l #	76

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

Quant Time: Jan 13 15:20:50 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

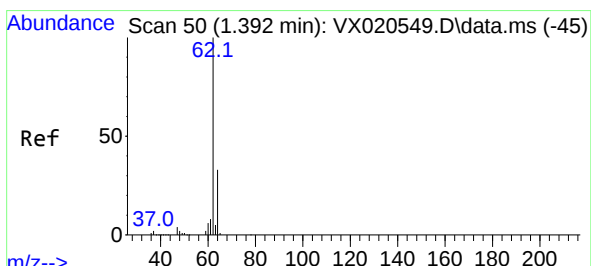
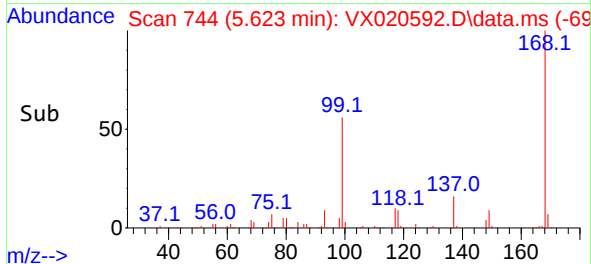
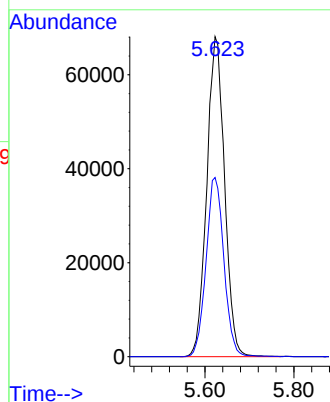
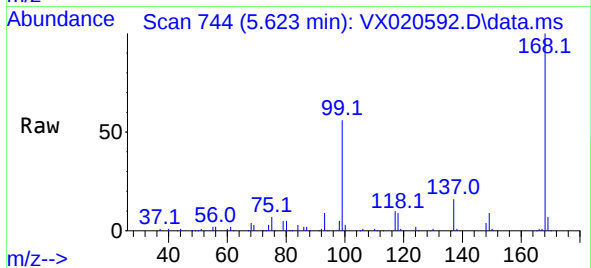




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.006 min
Lab File: VX020592.D
Acq: 13 Jan 2021 14:35

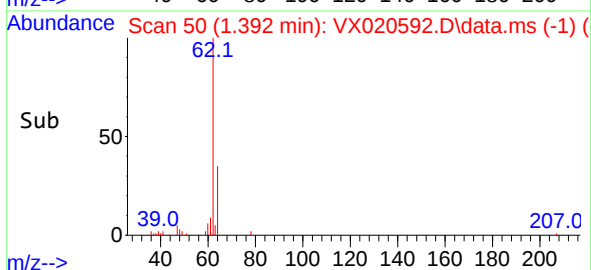
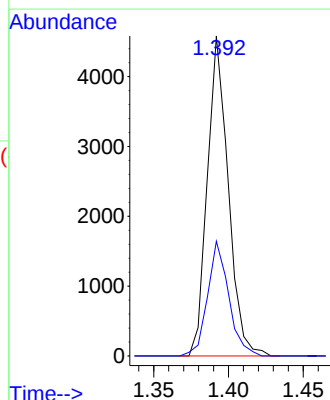
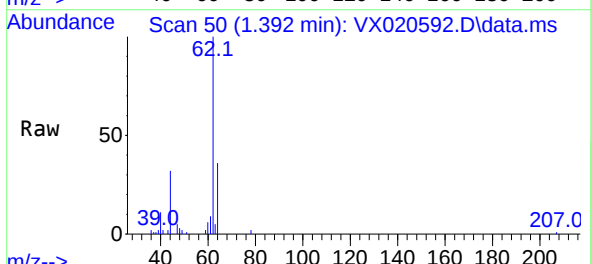
Instrument :
MSVOA_X
ClientSampleId :

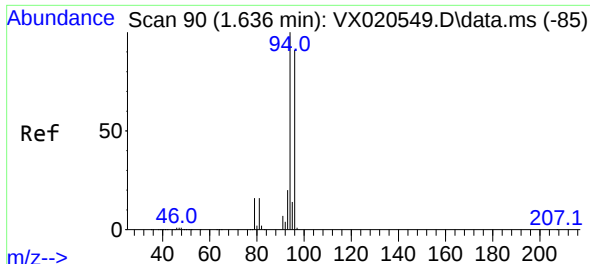
Tgt Ion:168 Resp: 189600
Ion Ratio Lower Upper
168 100
99 56.0 45.8 68.6



#4
Vinyl Chloride
Concen: 2.25 ug/l
RT: 1.392 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX020592.D
Acq: 13 Jan 2021 14:35

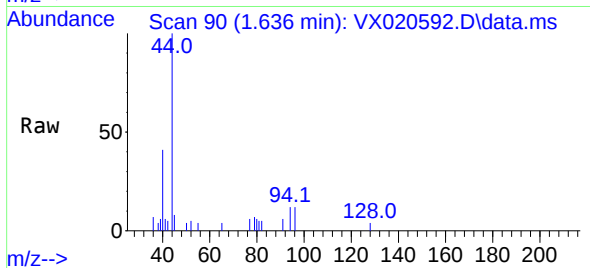
Tgt Ion: 62 Resp: 4457
Ion Ratio Lower Upper
62 100
64 35.8 25.7 38.5



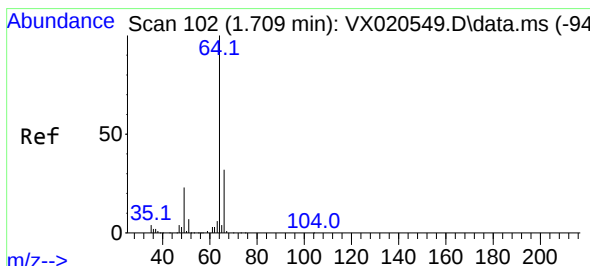
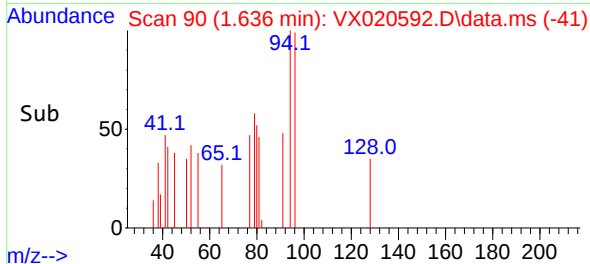
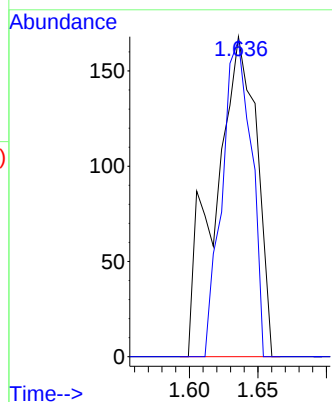


#5
Bromomethane
Concen: 0.26 ug/l
RT: 1.636 min Scan# 90
Delta R.T. -0.000 min
Lab File: VX020592.D
Acq: 13 Jan 2021 14:35

Instrument :
MSVOA_X
ClientSampleId :

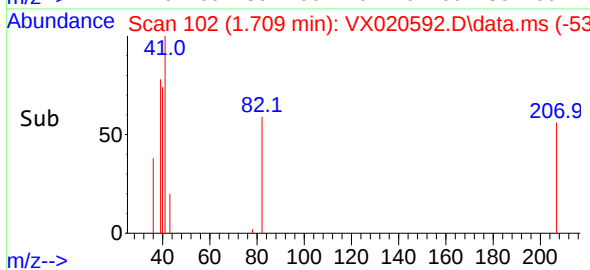
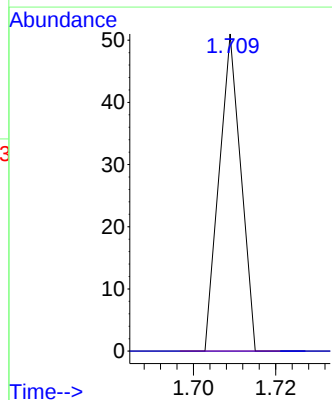
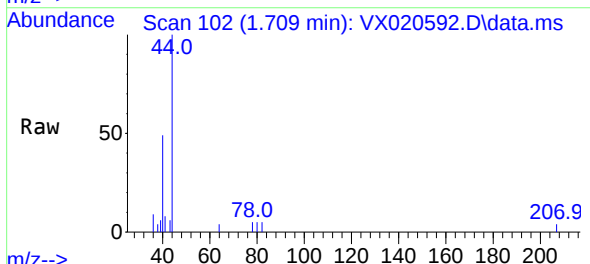


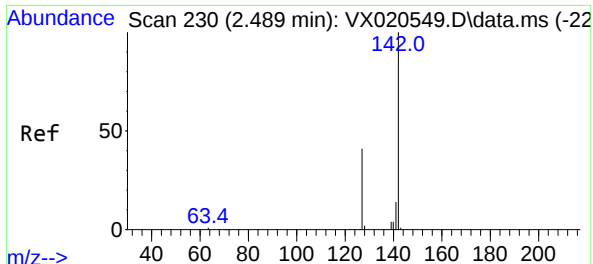
Tgt Ion: 94 Resp: 354
Ion Ratio Lower Upper
94 100
96 98.8 76.4 114.6



#6
Chloroethane
Concen: 0.44 ug/l
RT: 1.709 min Scan# 102
Delta R.T. -0.000 min
Lab File: VX020592.D
Acq: 13 Jan 2021 14:35

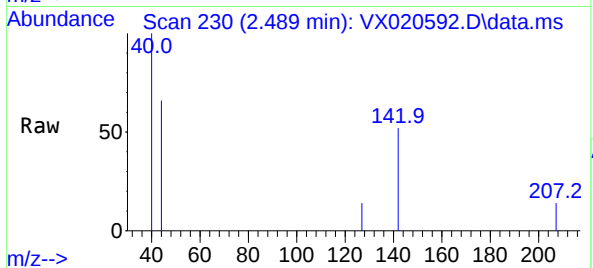
Tgt Ion: 64 Resp: 19
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



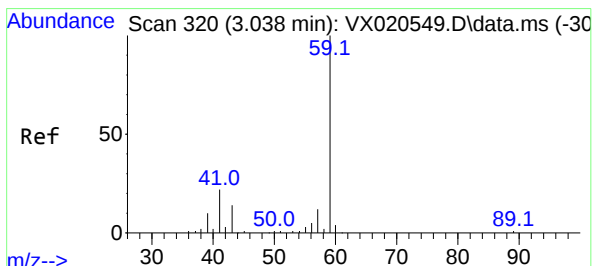
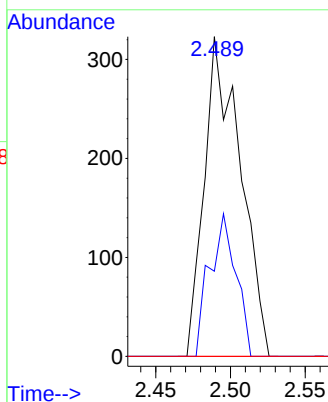
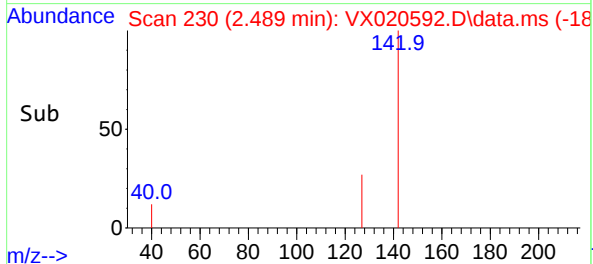


#10
Methyl Iodide
Concen: 0.21 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020592.D
Acq: 13 Jan 2021 14:35

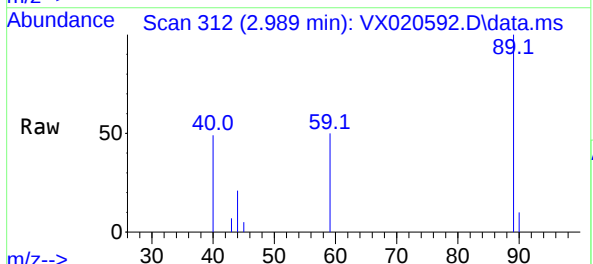
Instrument :
MSVOA_X
ClientSampled :



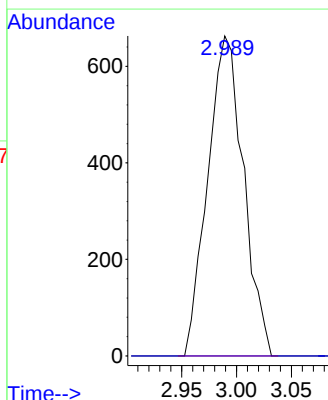
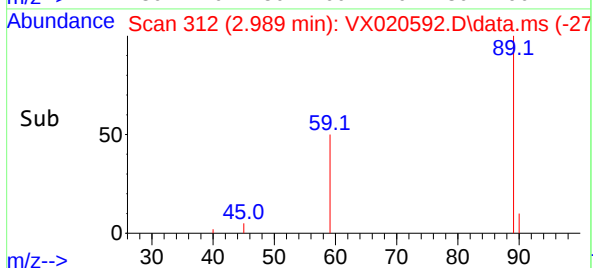
Tgt Ion:142 Resp: 540
Ion Ratio Lower Upper
142 100
127 32.6 33.3 49.9#
141 0.0 11.4 17.0#

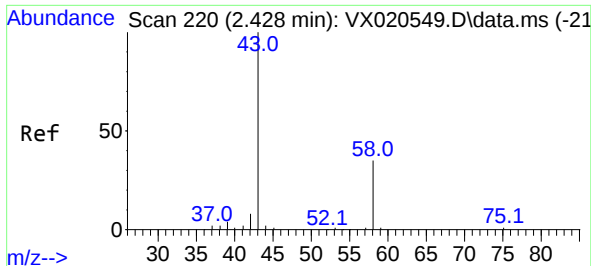


#11
Tert butyl alcohol
Concen: 1.36 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.049 min
Lab File: VX020592.D
Acq: 13 Jan 2021 14:35



Tgt Ion: 59 Resp: 1505
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

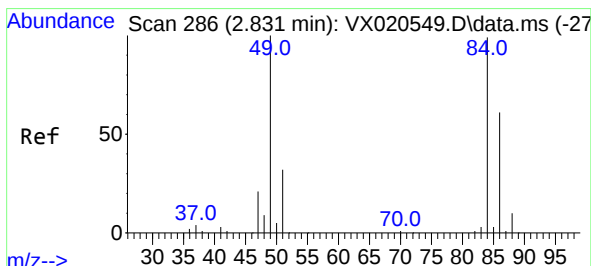
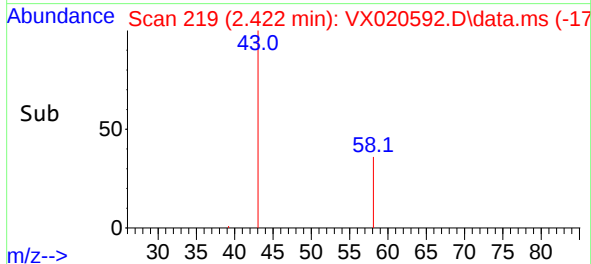
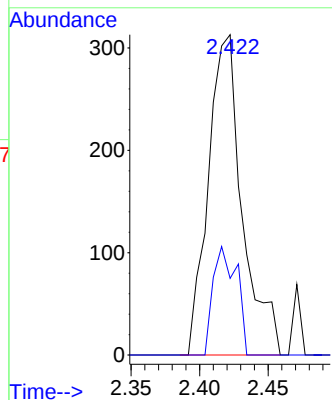
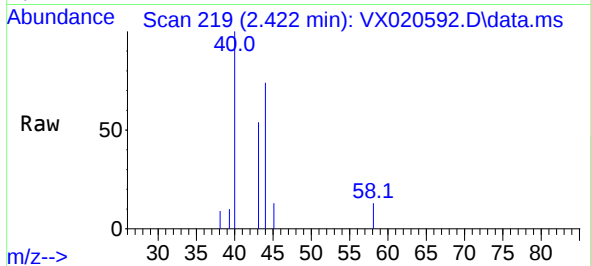




#16
Acetone
Concen: Below Cal
RT: 2.422 min Scan# 219
Delta R.T. -0.006 min
Lab File: VX020592.D
Acq: 13 Jan 2021 14:35

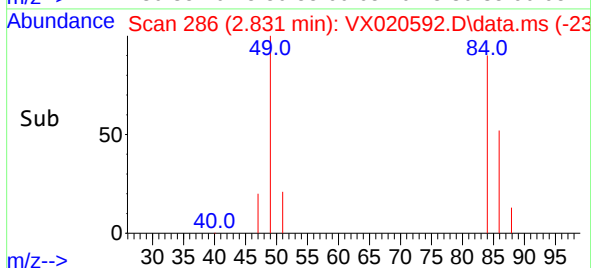
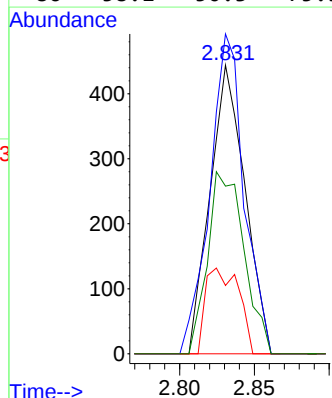
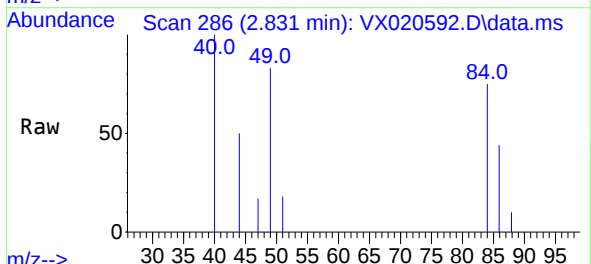
Instrument :
MSVOA_X
ClientSampled :

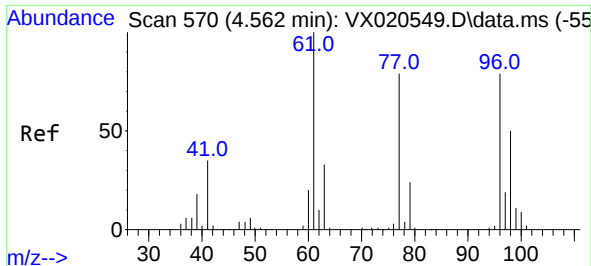
Tgt Ion: 43 Resp: 540
Ion Ratio Lower Upper
43 100
58 24.0 27.8 41.8#



#20
Methylene Chloride
Concen: 0.34 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020592.D
Acq: 13 Jan 2021 14:35

Tgt Ion: 84 Resp: 722
Ion Ratio Lower Upper
84 100
49 110.8 88.6 132.8
51 23.6 27.0 40.6#
86 58.1 50.3 75.5



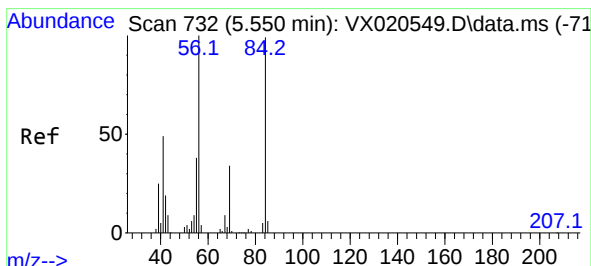
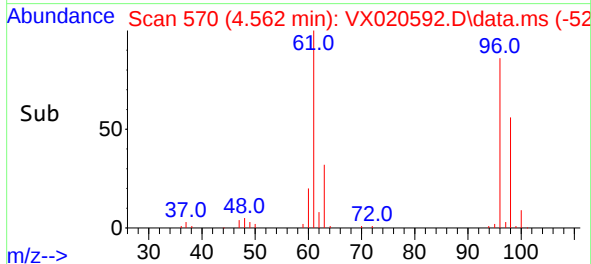
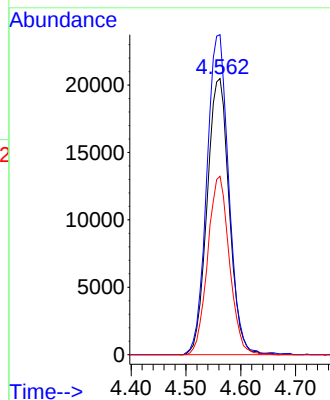
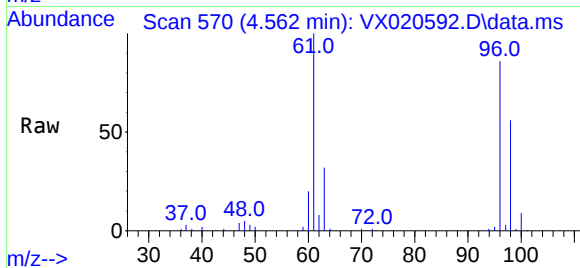


#27
cis-1,2-Dichloroethene
Concen: 25.28 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX020592.D
Acq: 13 Jan 2021 14:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 57354

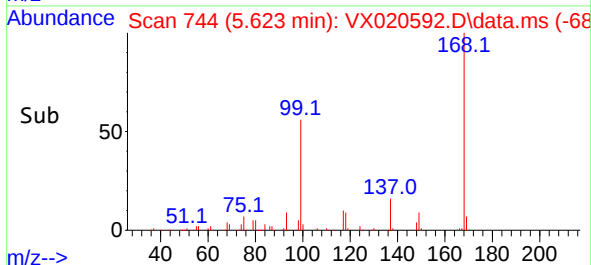
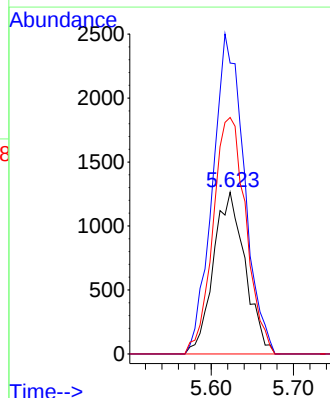
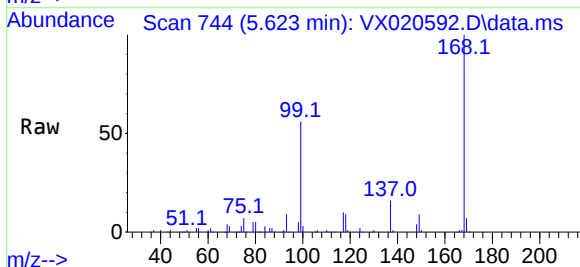
Ion	Ratio	Lower	Upper
96	100		
61	114.5	0.0	285.6
98	63.3	0.0	129.6

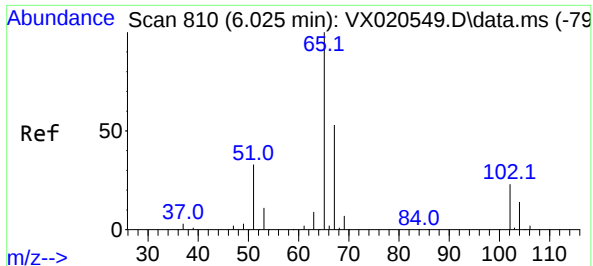


#31
Cyclohexane
Concen: 1.27 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.073 min
Lab File: VX020592.D
Acq: 13 Jan 2021 14:35

Tgt Ion: 56 Resp: 3393

Ion	Ratio	Lower	Upper
56	100		
69	179.9	25.3	37.9#
84	146.2	71.4	107.0#

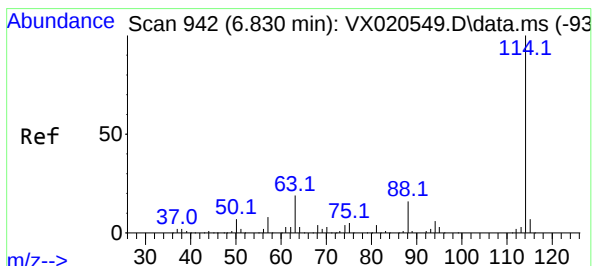
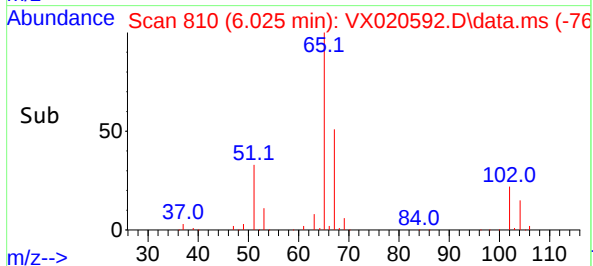
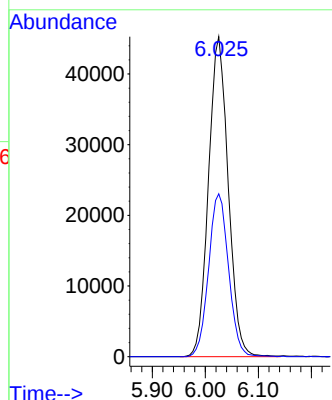
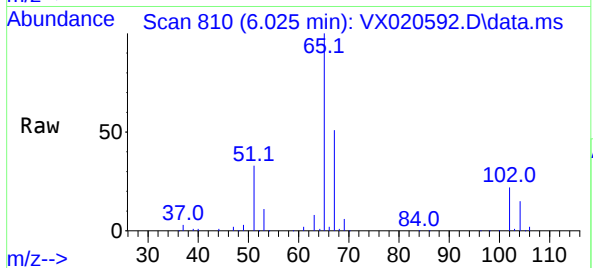




#33
1,2-Dichloroethane-d4
Concen: 51.32 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020592.D
Acq: 13 Jan 2021 14:35

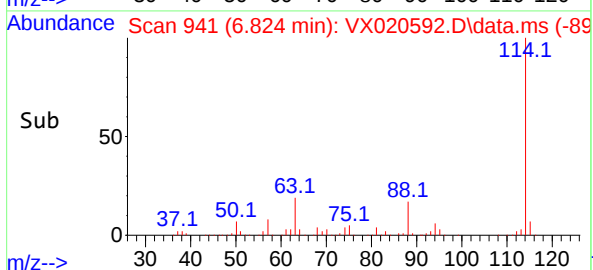
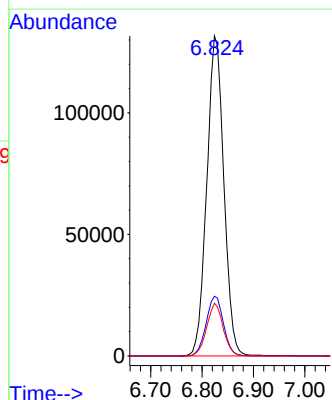
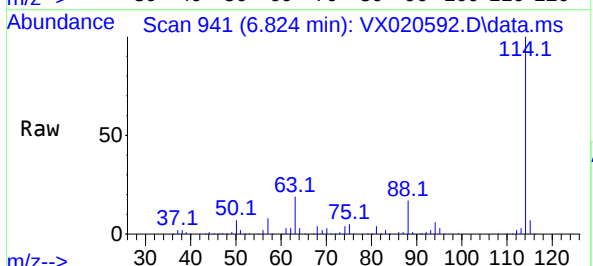
Instrument :
MSVOA_X
ClientSampled :

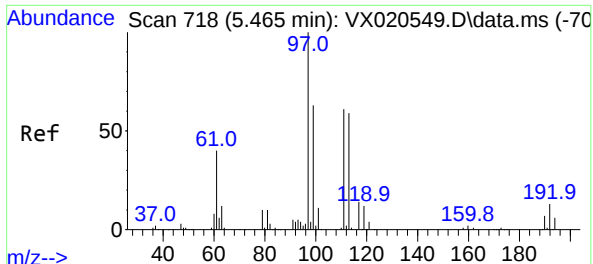
Tgt Ion: 65 Resp: 116878
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.824 min Scan# 941
Delta R.T. -0.006 min
Lab File: VX020592.D
Acq: 13 Jan 2021 14:35

Tgt Ion: 114 Resp: 303646
Ion Ratio Lower Upper
114 100
63 18.6 0.0 40.8
88 16.5 0.0 32.8

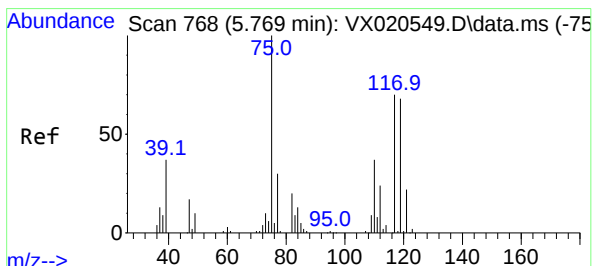
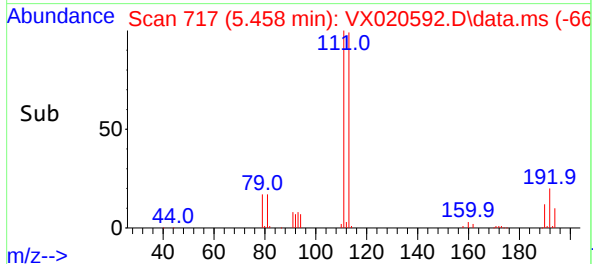
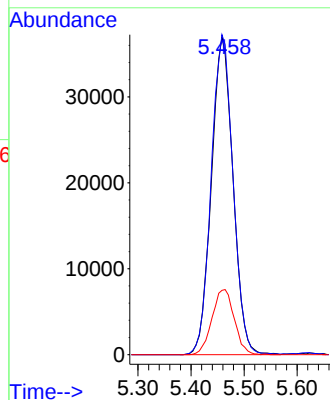
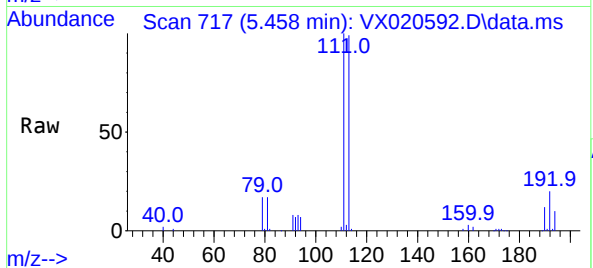




#35
Dibromofluoromethane
Concen: 49.73 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.007 min
Lab File: VX020592.D
Acq: 13 Jan 2021 14:35

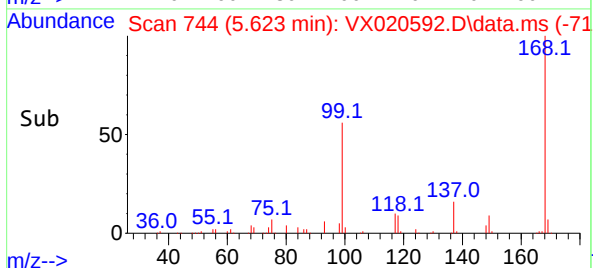
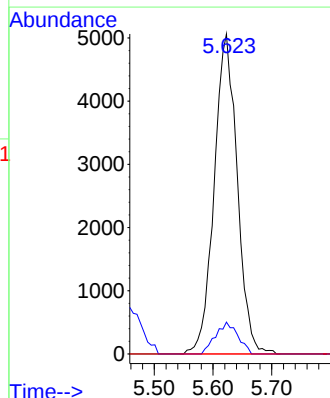
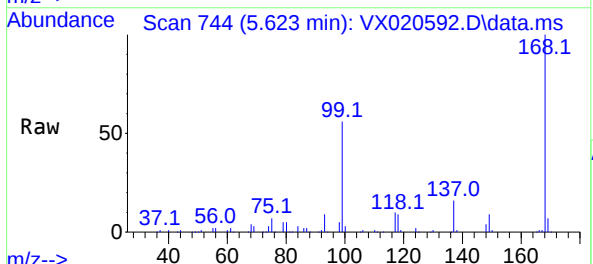
Instrument :
MSVOA_X
ClientSampleId :

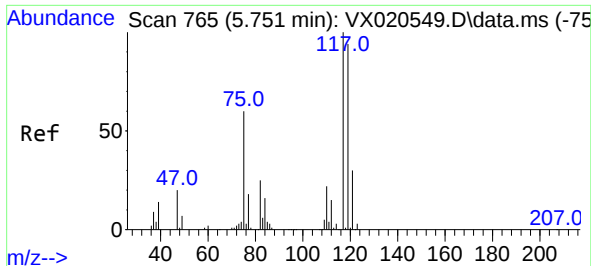
Tgt Ion:113 Resp: 104636
Ion Ratio Lower Upper
113 100
111 101.5 81.9 122.9
192 21.1 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.96 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX020592.D
Acq: 13 Jan 2021 14:35

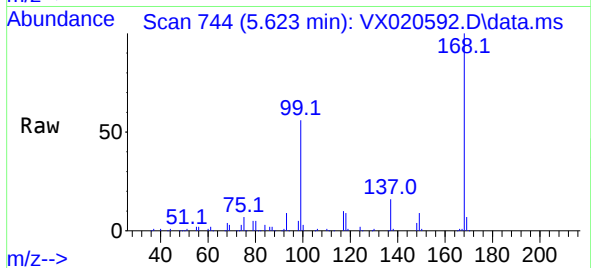
Tgt Ion: 75 Resp: 13773
Ion Ratio Lower Upper
75 100
110 9.6 18.1 54.4#
77 0.0 25.3 37.9#



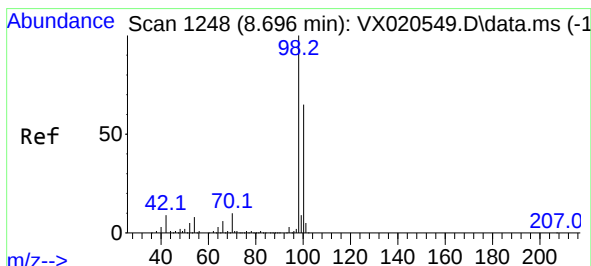
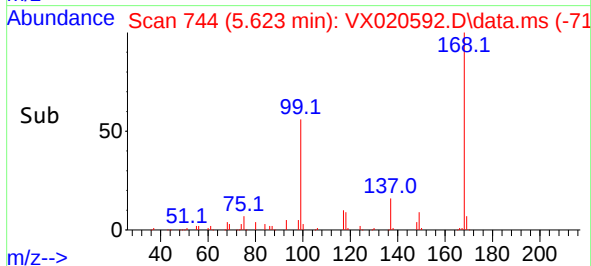
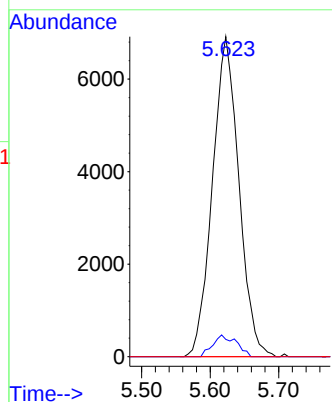


#38
Carbon Tetrachloride
Concen: 5.72 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.128 min
Lab File: VX020592.D
Acq: 13 Jan 2021 14:35

Instrument :
MSVOA_X
ClientSampled :

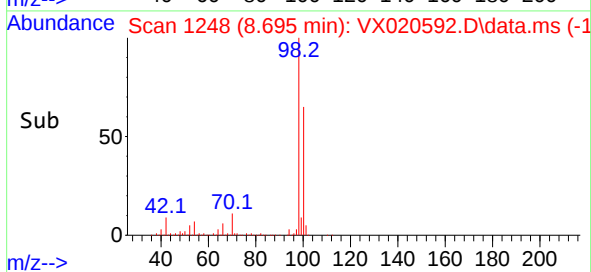
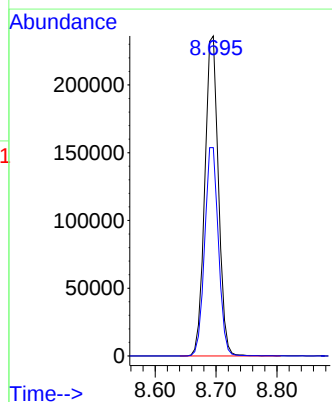
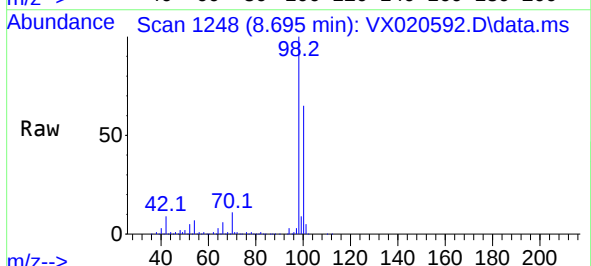


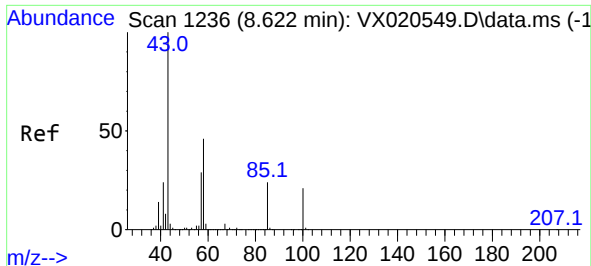
Tgt Ion:117 Resp: 18504
Ion Ratio Lower Upper
117 100
119 5.4 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.70 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. -0.001 min
Lab File: VX020592.D
Acq: 13 Jan 2021 14:35

Tgt Ion: 98 Resp: 366622
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9

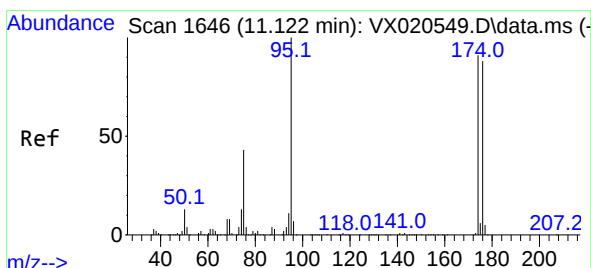
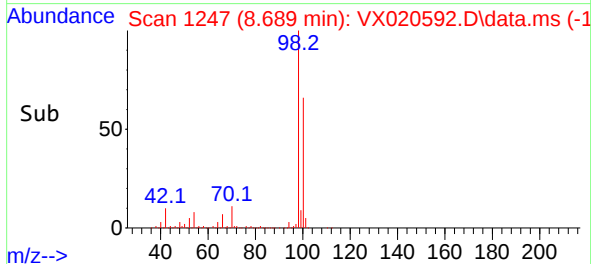
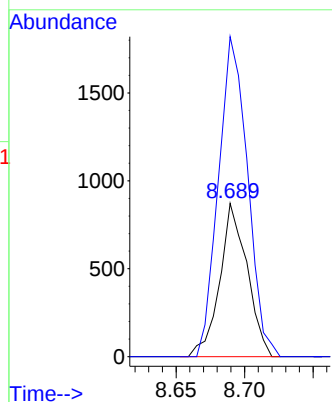
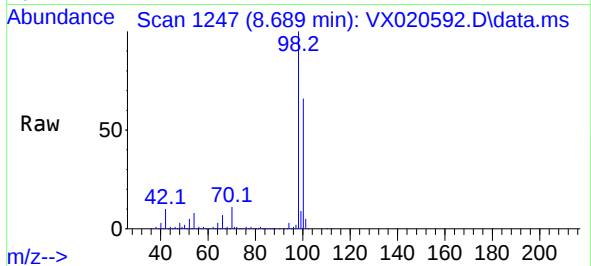




#51
4-Methyl-2-Pentanone
Concen: 0.50 ug/l
RT: 8.689 min Scan# 1247
Delta R.T. 0.067 min
Lab File: VX020592.D
Acq: 13 Jan 2021 14:35

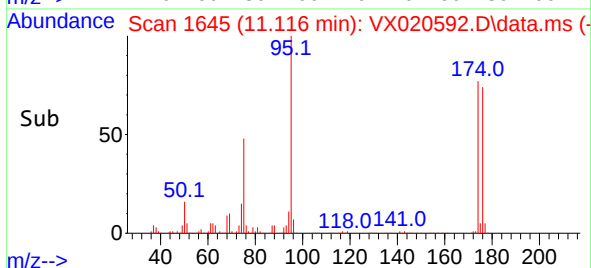
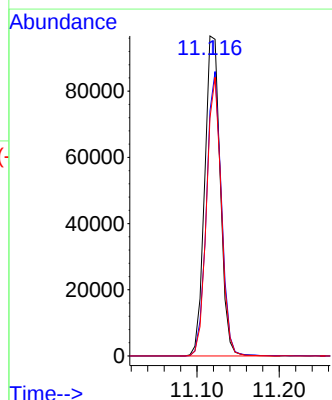
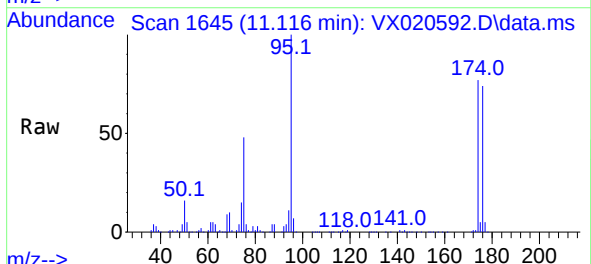
Instrument :
MSVOA_X
ClientSampled :

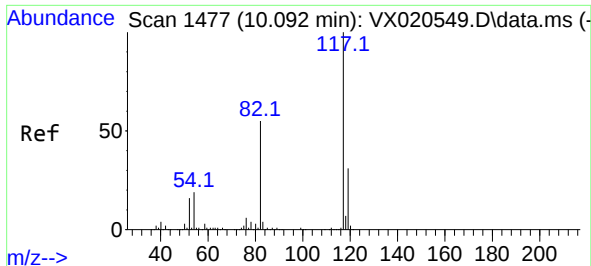
Tgt Ion: 43 Resp: 1212
Ion Ratio Lower Upper
43 100
58 221.9 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 47.77 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.006 min
Lab File: VX020592.D
Acq: 13 Jan 2021 14:35

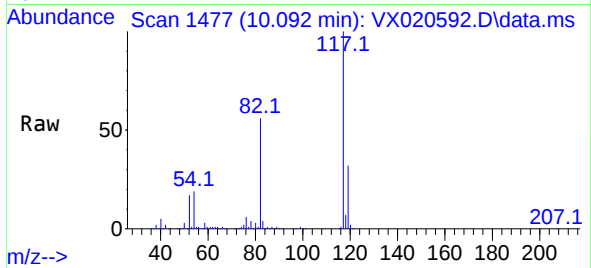
Tgt Ion: 95 Resp: 127005
Ion Ratio Lower Upper
95 100
174 85.3 0.0 154.6
176 82.3 0.0 155.8



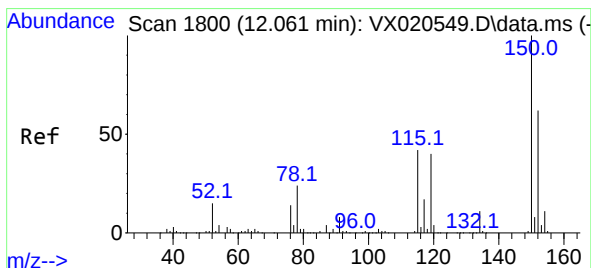
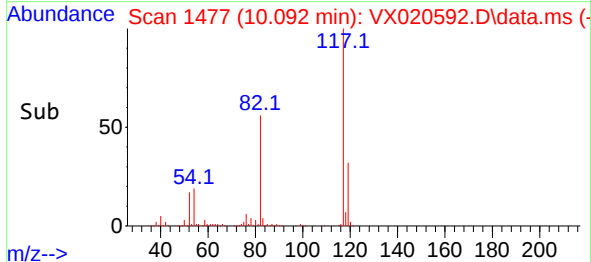
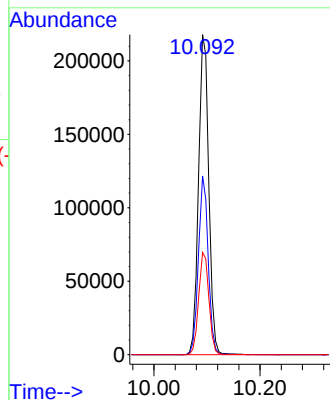


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020592.D
Acq: 13 Jan 2021 14:35

Instrument :
MSVOA_X
ClientSampled :

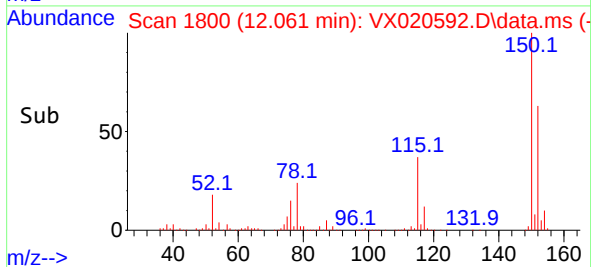
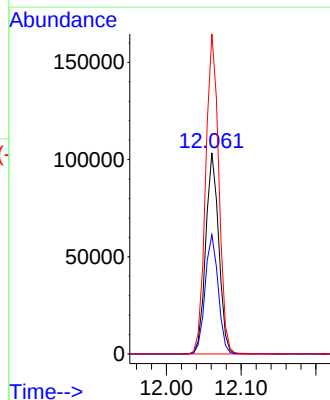
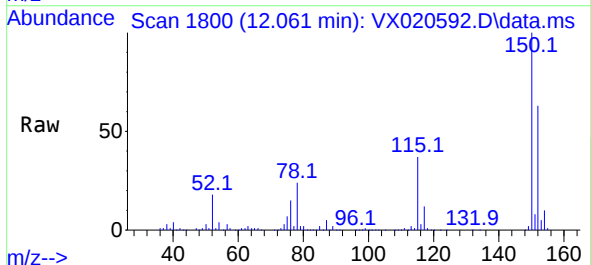


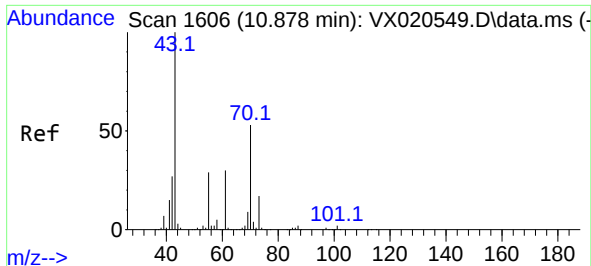
Tgt Ion:117 Resp: 290436
Ion Ratio Lower Upper
117 100
82 55.9 47.4 71.2
119 31.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020592.D
Acq: 13 Jan 2021 14:35

Tgt Ion:152 Resp: 125080
Ion Ratio Lower Upper
152 100
115 59.5 41.1 123.3
150 160.8 0.0 349.0

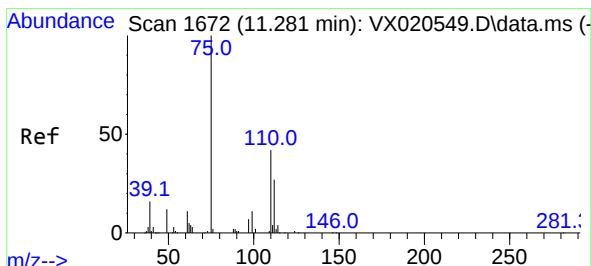
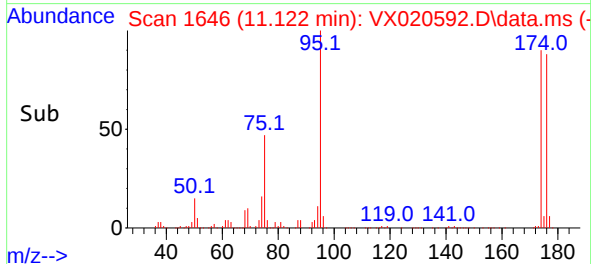
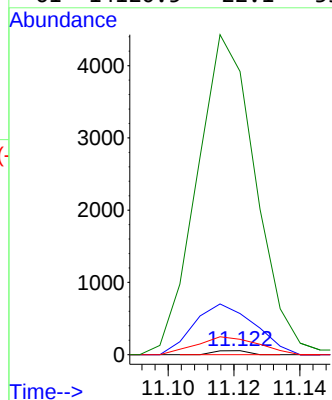
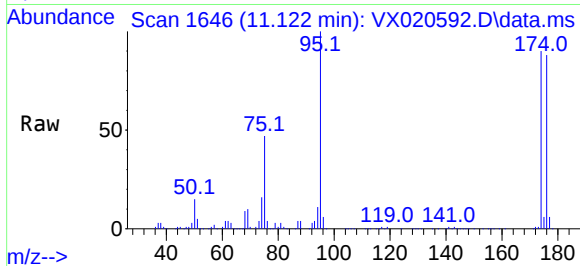




#74
N-amy1 acetate
Concen: 1.25 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.244 min
Lab File: VX020592.D
Acq: 13 Jan 2021 14:35

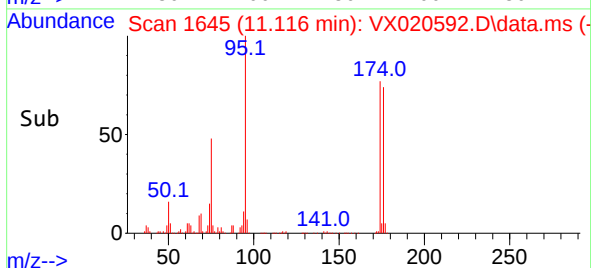
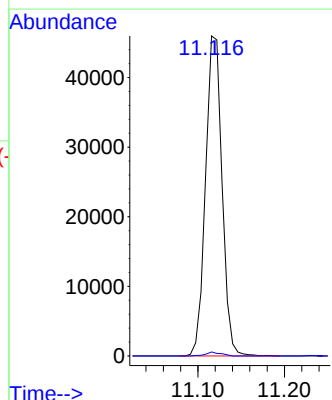
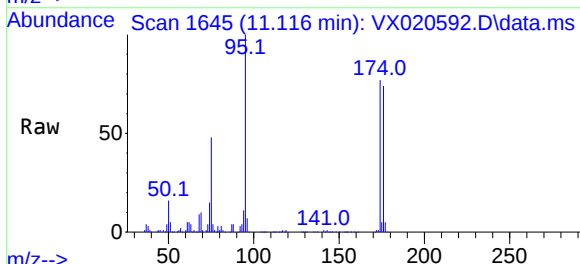
Instrument :
MSVOA_X
ClientSampleId :

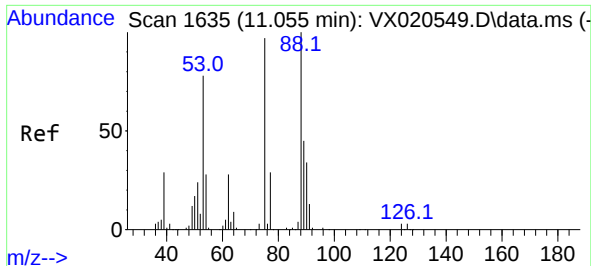
Tgt Ion: 43 Resp: 39
Ion Ratio Lower Upper
43 100
70 2315.4 39.0 58.6#
55 830.8 21.5 32.3#
61 14120.5 22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 23.12 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.165 min
Lab File: VX020592.D
Acq: 13 Jan 2021 14:35

Tgt Ion: 75 Resp: 60928
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#

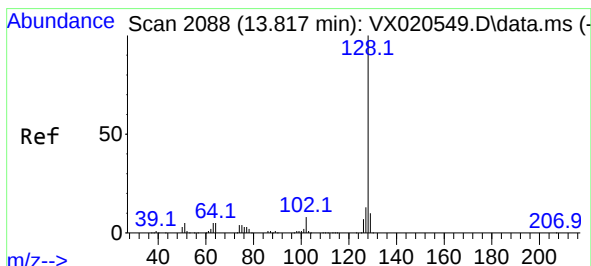
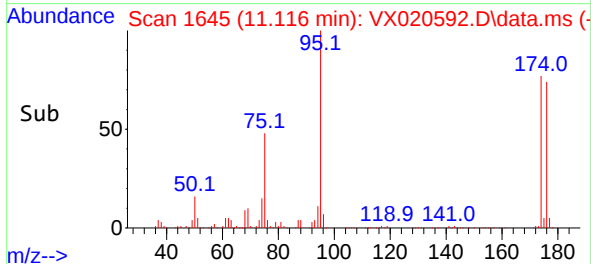
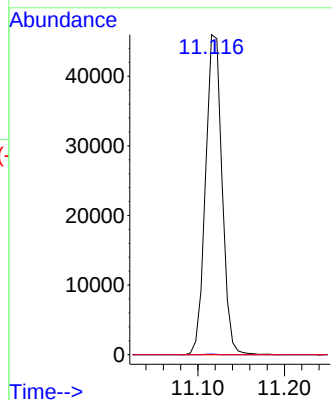
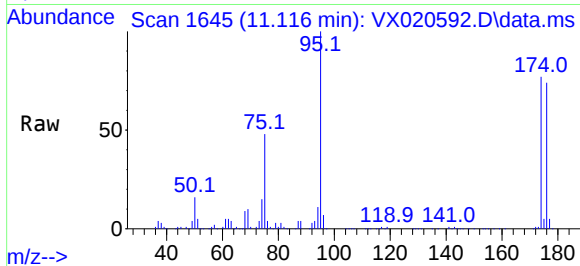




#81
trans-1,4-Dichloro-2-butene
Concen: 63.00 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020592.D
Acq: 13 Jan 2021 14:35

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 60928
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 3.87 ug/l
RT: 13.816 min Scan# 2088
Delta R.T. -0.001 min
Lab File: VX020592.D
Acq: 13 Jan 2021 14:35

Tgt Ion:128 Resp: 301
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 16.3 8.8 13.2#

