

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011421\
 Data File : VX020603.D
 Acq On : 14 Jan 2021 11:19
 Operator : JC/MD
 Sample : VX0114WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0114WBL01

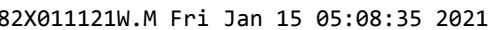
Quant Time: Jan 15 05:08:27 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 11 15:05:37 2021
 Response via : Initial Calibration

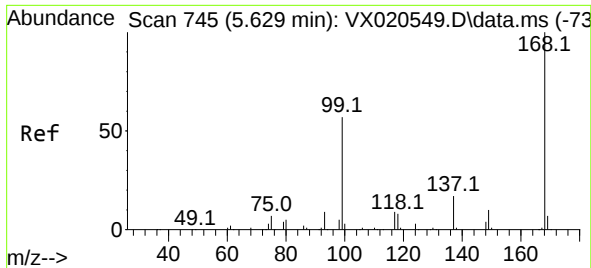
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.629	168	181424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	294755	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	278275	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	123080	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	114184	52.40	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.80%			
35) Dibromofluoromethane	5.464	113	103574	50.71	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.42%			
50) Toluene-d8	8.695	98	349717	47.86	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 95.72%			
62) 4-Bromofluorobenzene	11.122	95	120672	46.76	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.52%			
Target Compounds					Qvalue	
5) Bromomethane	1.642	94	381	0.30	ug/l	92
6) Chloroethane	1.685	64	18	0.44	ug/l #	43
11) Tert butyl alcohol	2.989	59	1314	1.04	ug/l #	73
16) Acetone	2.422	43	559	Below Cal	#	81
20) Methylene Chloride	2.831	84	456	0.22	ug/l	94
27) cis-1,2-Dichloroethene	4.562	96	471	0.22	ug/l	89
31) Cyclohexane	5.629	56	3235	1.26	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	12860	4.77	ug/l #	50
38) Carbon Tetrachloride	5.629	117	17559	5.59	ug/l #	17
51) 4-Methyl-2-Pentanone	8.695	43	1226	0.52	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.293	63	25	4.58	ug/l #	45
74) N-amyl acetate	11.122	43	45	1.25	ug/l #	1
76) 1,2,3-Trichloropropane	11.122	75	58149	22.43	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.122	75	58149	61.10	ug/l #	12
94) Hexachlorobutadiene	13.768	225	51	0.90	ug/l #	47
95) Naphthalene	13.816	128	310	3.88	ug/l #	69

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

Quant Time: Jan 15 05:08:27 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

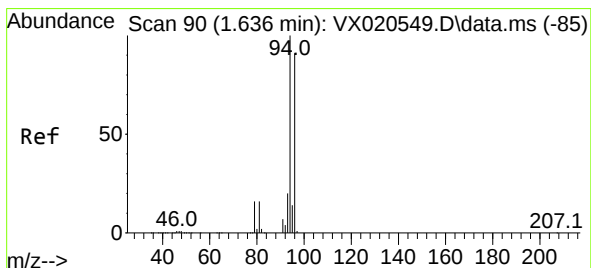
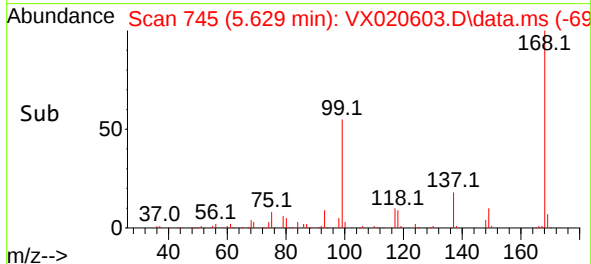
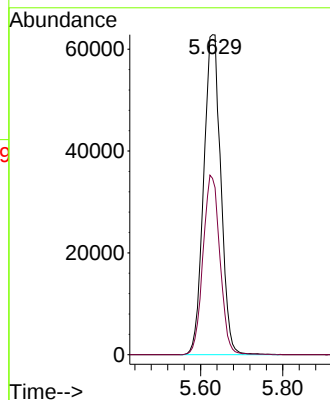
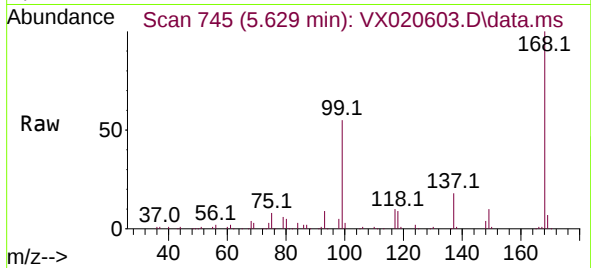




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX020603.D
Acq: 14 Jan 2021 11:19

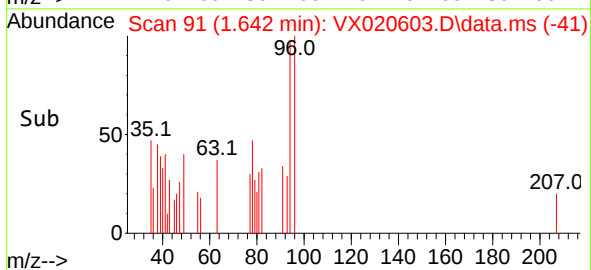
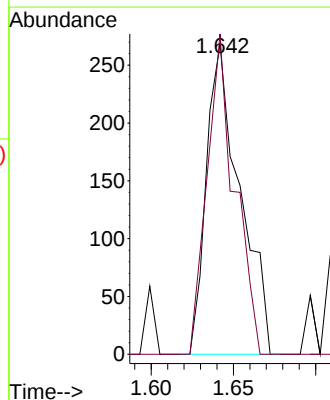
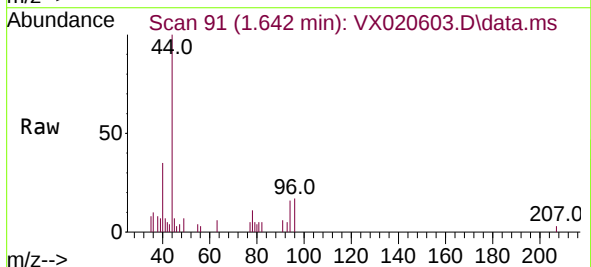
Instrument :
MSVOA_X
ClientSampleId :
VX0114WBL01

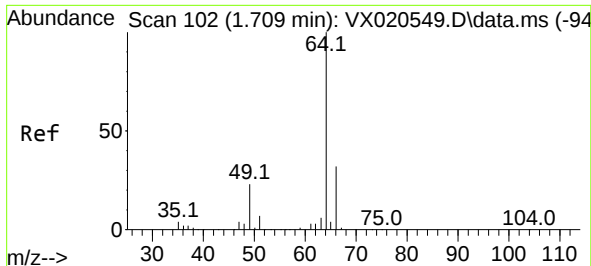
Tgt Ion:168 Resp: 181424
Ion Ratio Lower Upper
168 100
99 55.1 45.8 68.6



#5
Bromomethane
Concen: 0.30 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX020603.D
Acq: 14 Jan 2021 11:19

Tgt Ion: 94 Resp: 381
Ion Ratio Lower Upper
94 100
96 103.4 76.4 114.6

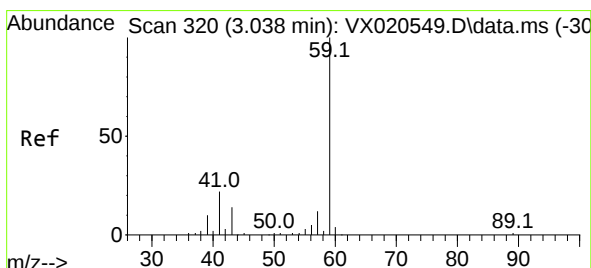
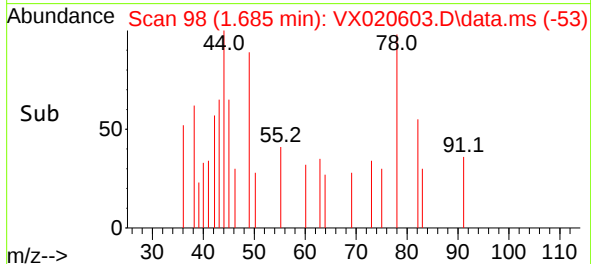
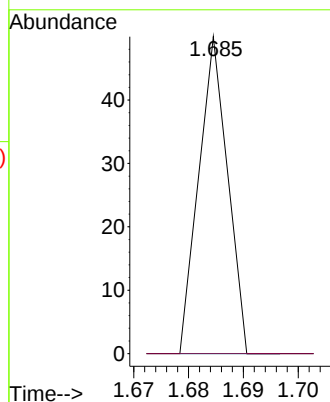
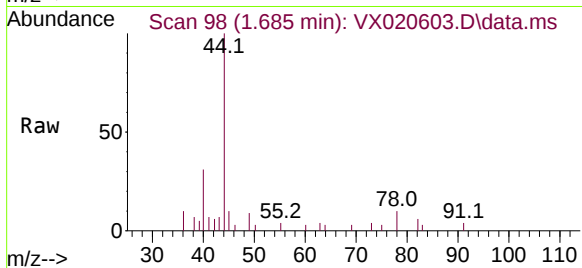




#6
Chloroethane
Concen: 0.44 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.024 min
Lab File: VX020603.D
Acq: 14 Jan 2021 11:19

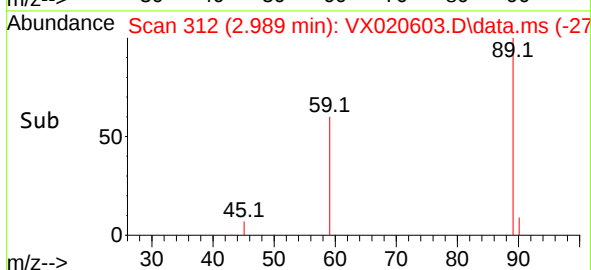
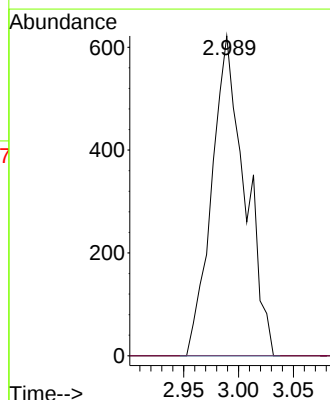
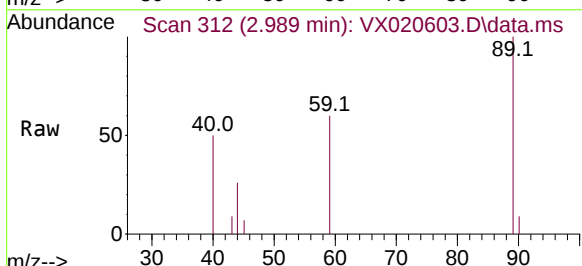
Instrument :
MSVOA_X
ClientSampleId :
VX0114WBL01

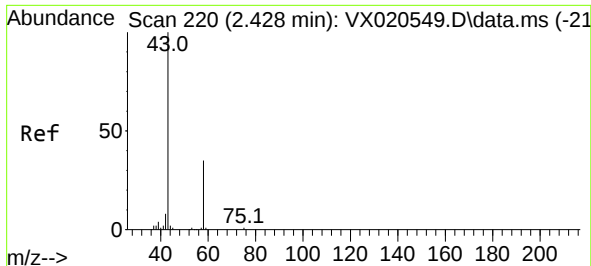
Tgt Ion: 64 Resp: 18
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: 1.04 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.049 min
Lab File: VX020603.D
Acq: 14 Jan 2021 11:19

Tgt Ion: 59 Resp: 1314
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

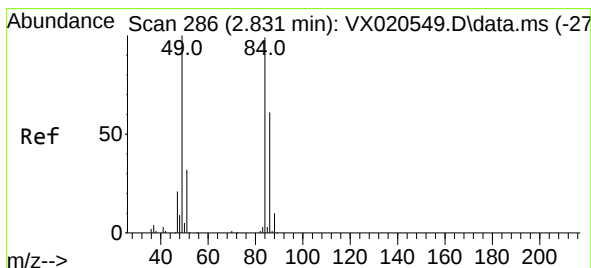
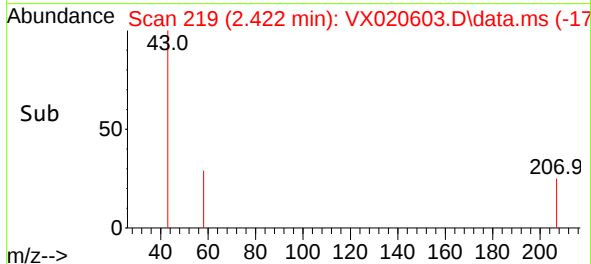
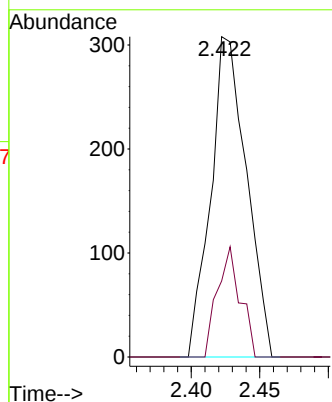
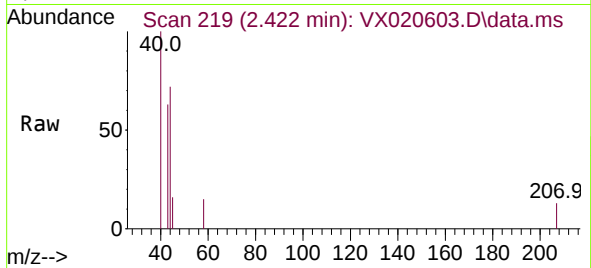




#16
Acetone
Concen: Below Cal
RT: 2.422 min Scan# 219
Delta R.T. -0.006 min
Lab File: VX020603.D
Acq: 14 Jan 2021 11:19

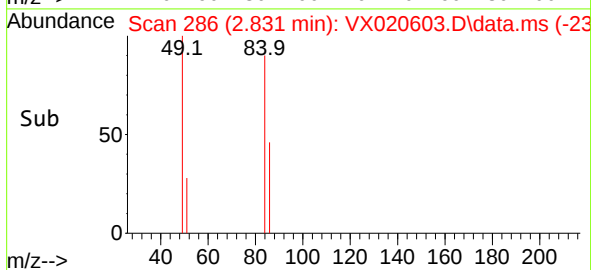
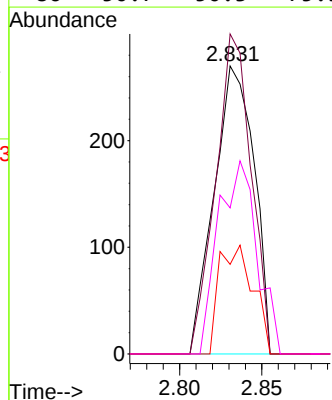
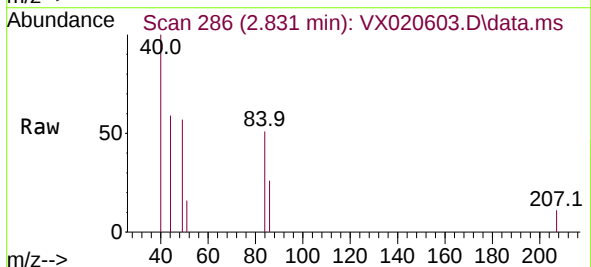
Instrument :
MSVOA_X
ClientSampleId :
VX0114WBL01

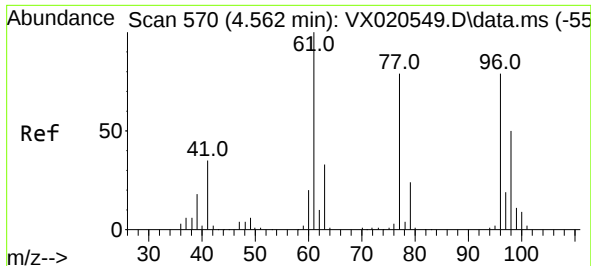
Tgt Ion: 43 Resp: 559
Ion Ratio Lower Upper
43 100
58 23.7 27.8 41.8#



#20
Methylene Chloride
Concen: 0.22 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020603.D
Acq: 14 Jan 2021 11:19

Tgt Ion: 84 Resp: 456
Ion Ratio Lower Upper
84 100
49 111.1 88.6 132.8
51 31.1 27.0 40.6
86 50.7 50.3 75.5





#27

cis-1,2-Dichloroethene

Concen: 0.22 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.000 min

Lab File: VX020603.D

Acq: 14 Jan 2021 11:19

Tgt Ion: 96 Resp: 471

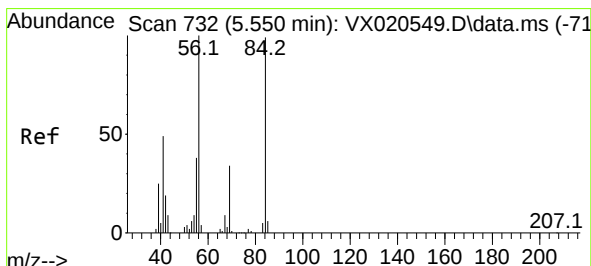
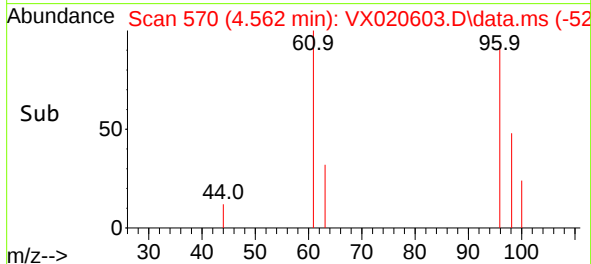
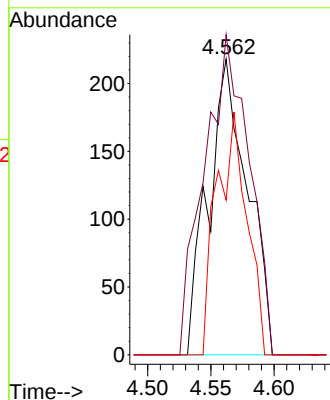
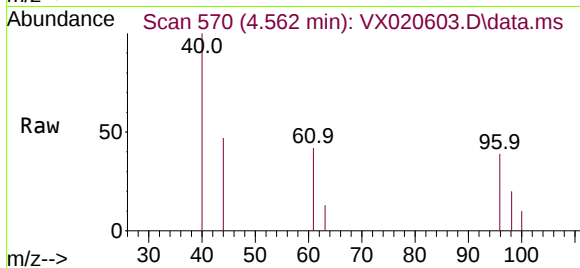
Ion	Ratio	Lower	Upper
96	100		
61	123.8	0.0	285.6
98	63.3	0.0	129.6

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBL01



#31

Cyclohexane

Concen: 1.26 ug/l

RT: 5.629 min Scan# 745

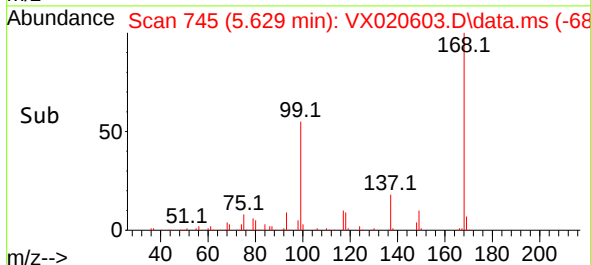
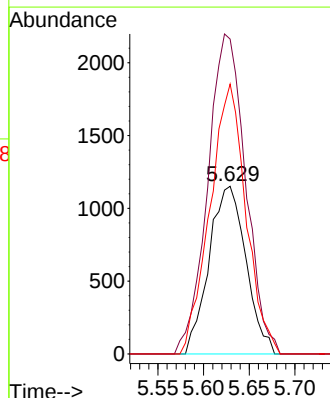
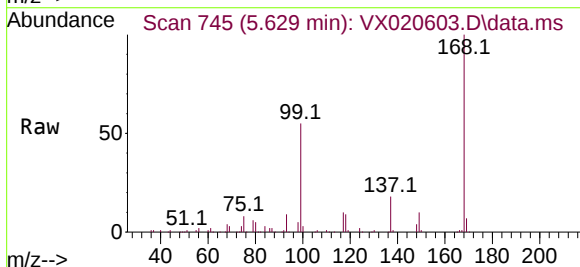
Delta R.T. 0.079 min

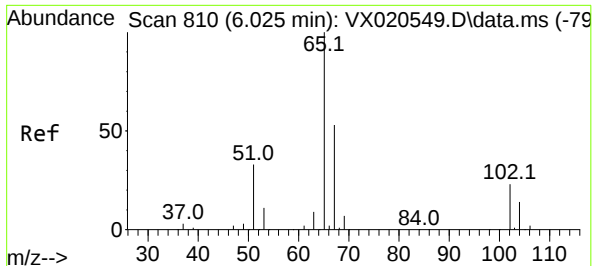
Lab File: VX020603.D

Acq: 14 Jan 2021 11:19

Tgt Ion: 56 Resp: 3235

Ion	Ratio	Lower	Upper
56	100		
69	187.8	25.3	37.9#
84	160.9	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 52.40 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020603.D

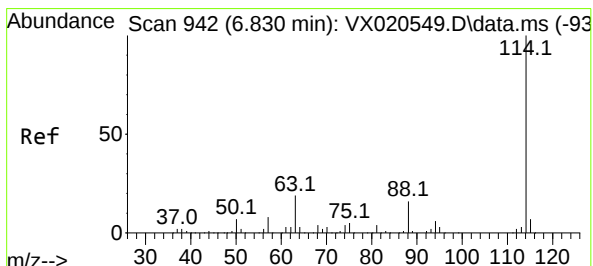
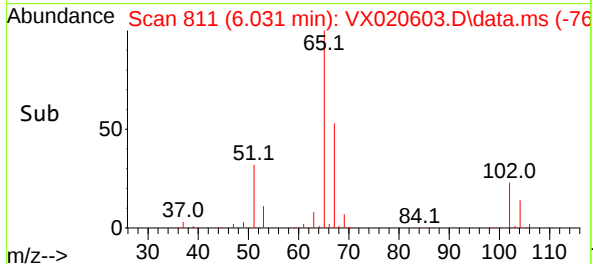
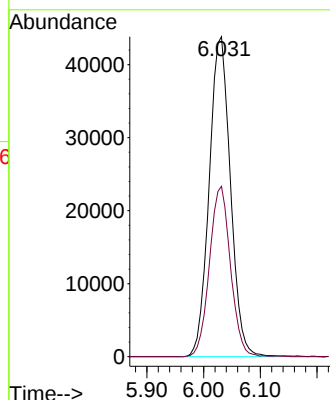
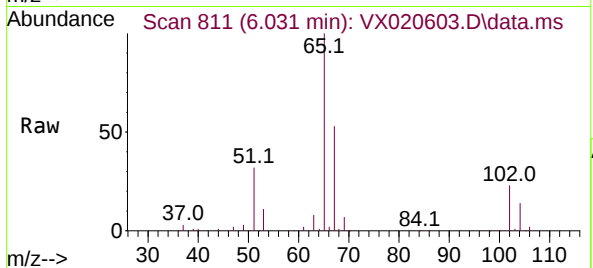
Acq: 14 Jan 2021 11:19

Tgt Ion: 65 Resp: 114184

Ion Ratio Lower Upper

65 100

67 52.6 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: VX020603.D

Acq: 14 Jan 2021 11:19

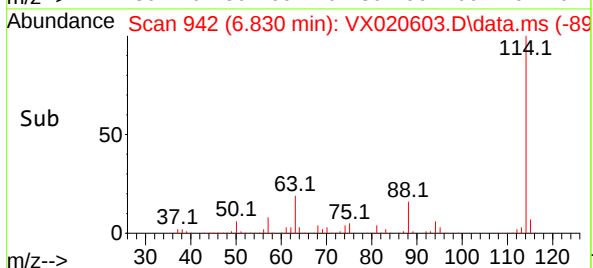
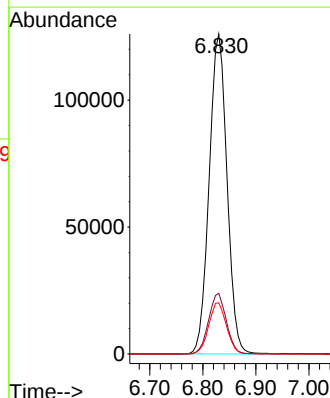
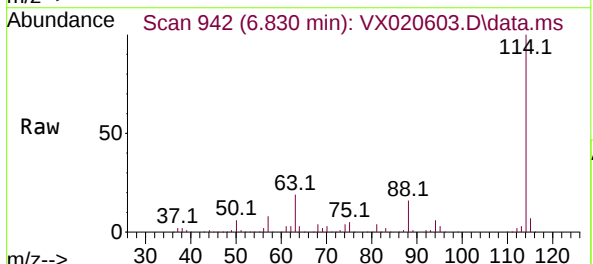
Tgt Ion: 114 Resp: 294755

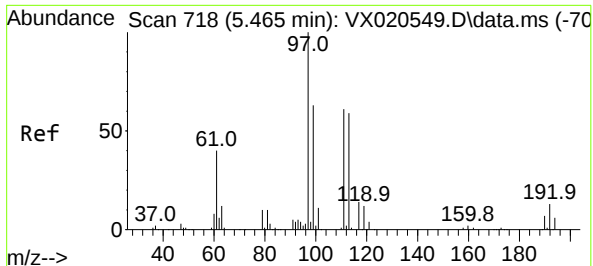
Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.8

88 16.0 0.0 32.8

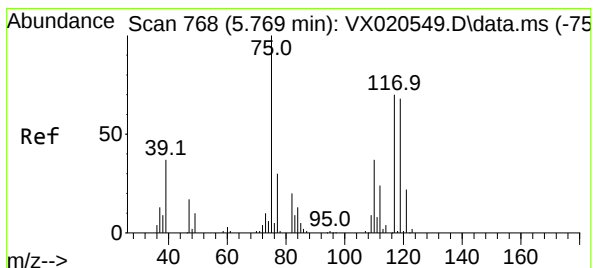
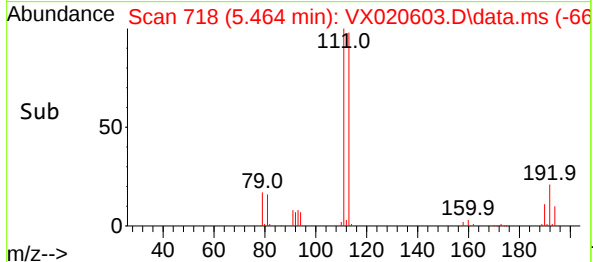
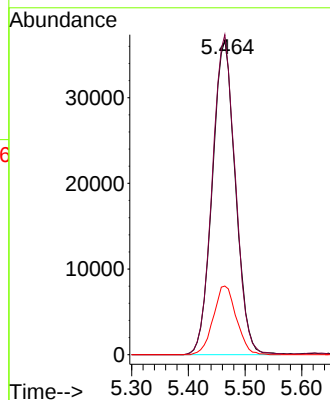
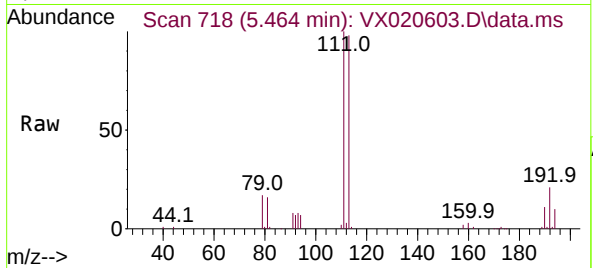




#35
Dibromofluoromethane
Concen: 50.71 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.001 min
Lab File: VX020603.D
Acq: 14 Jan 2021 11:19

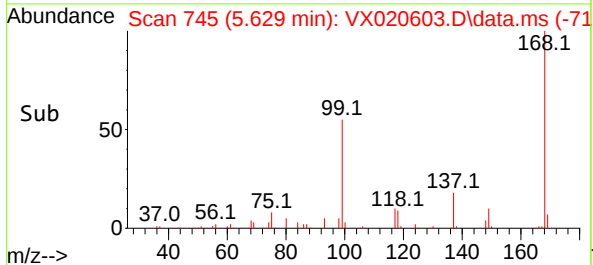
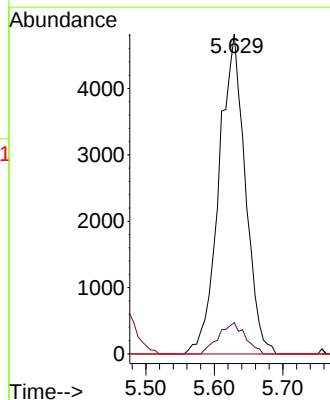
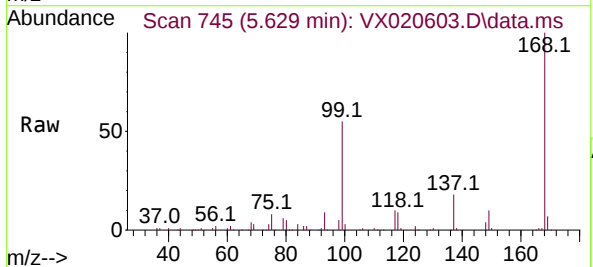
Instrument :
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ClientSampleId :
VX0114WBL01

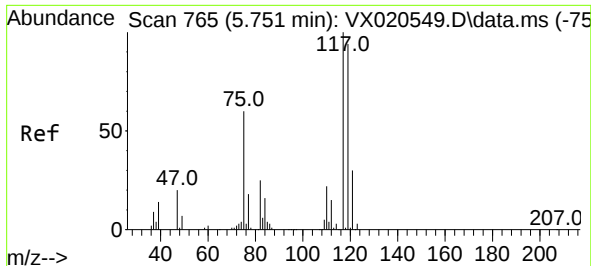
Tgt Ion:113 Resp: 103574
Ion Ratio Lower Upper
113 100
111 101.6 81.9 122.9
192 21.8 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.77 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX020603.D
Acq: 14 Jan 2021 11:19

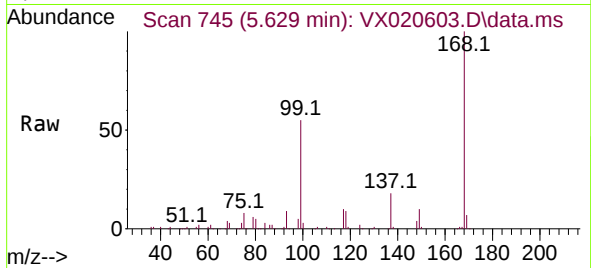
Tgt Ion: 75 Resp: 12860
Ion Ratio Lower Upper
75 100
110 9.9 18.1 54.4#
77 0.0 25.3 37.9#



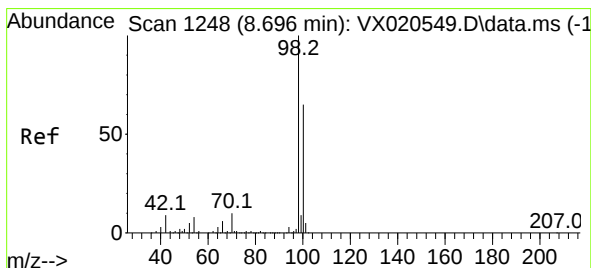
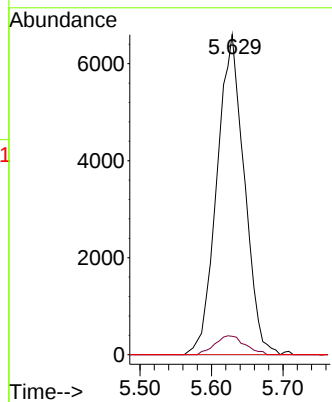
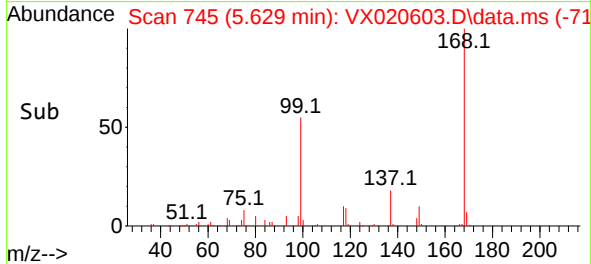


#38
Carbon Tetrachloride
Concen: 5.59 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX020603.D
Acq: 14 Jan 2021 11:19

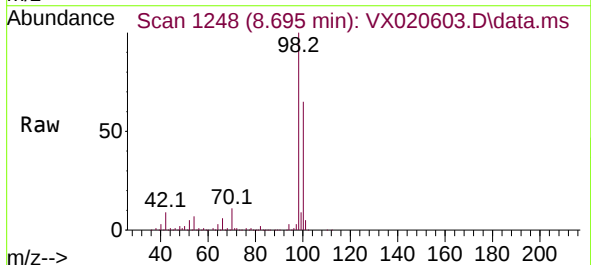
Instrument :
MSVOA_X
ClientSampleId :
VX0114WBL01



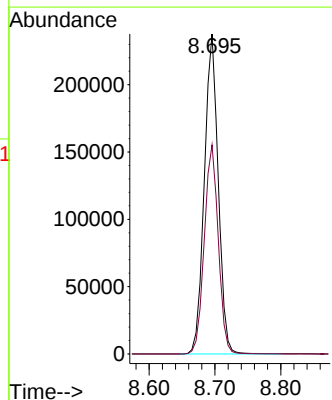
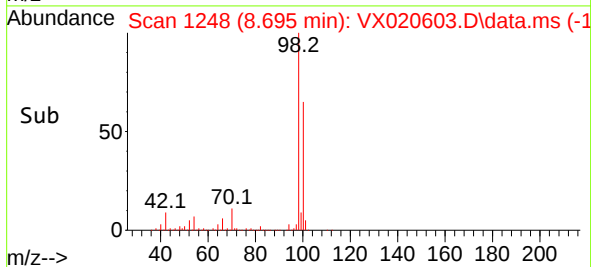
Tgt Ion:117 Resp: 17559
Ion Ratio Lower Upper
117 100
119 5.8 76.2 114.2#
121 0.0 24.8 37.2#

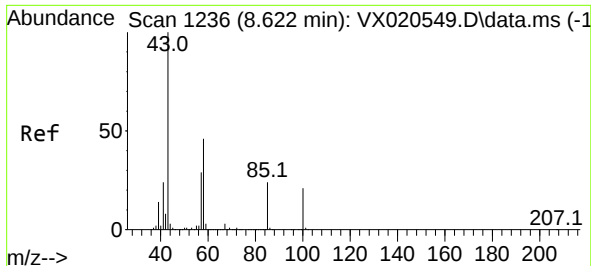


#50
Toluene-d8
Concen: 47.86 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. -0.001 min
Lab File: VX020603.D
Acq: 14 Jan 2021 11:19



Tgt Ion: 98 Resp: 349717
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9

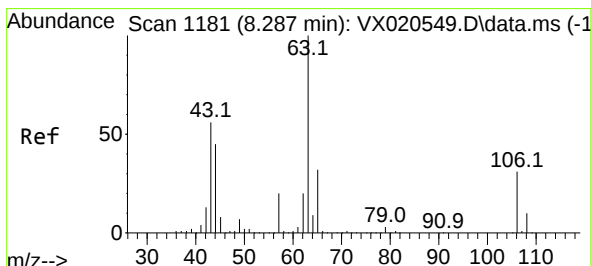
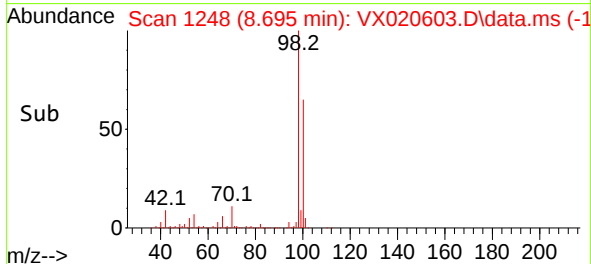
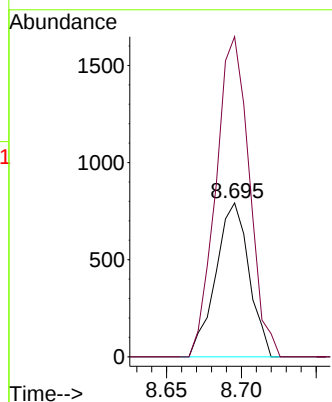
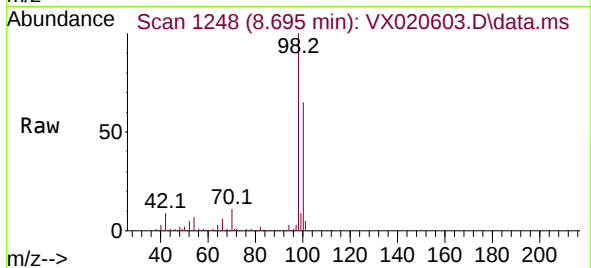




#51
4-Methyl-2-Pentanone
Concen: 0.52 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.073 min
Lab File: VX020603.D
Acq: 14 Jan 2021 11:19

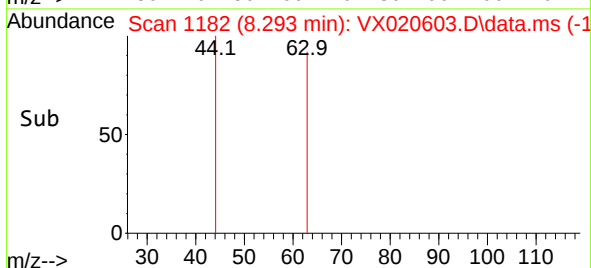
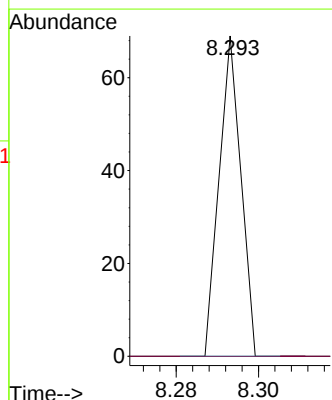
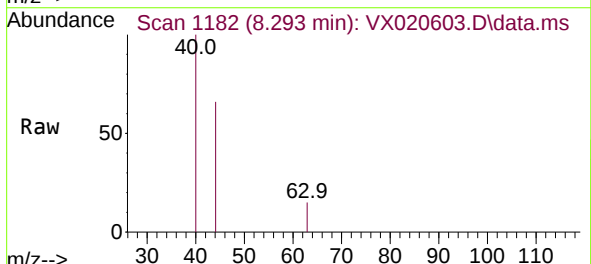
Instrument :
MSVOA_X
ClientSampleId :
VX0114WBL01

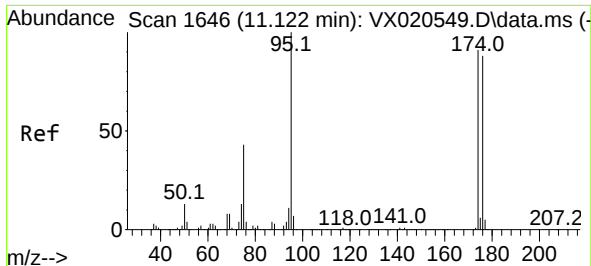
Tgt Ion: 43 Resp: 1226
Ion Ratio Lower Upper
43 100
58 208.5 35.4 53.0#



#58
2-Chloroethyl Vinyl ether
Concen: 4.58 ug/l
RT: 8.293 min Scan# 1182
Delta R.T. 0.006 min
Lab File: VX020603.D
Acq: 14 Jan 2021 11:19

Tgt Ion: 63 Resp: 25
Ion Ratio Lower Upper
63 100
106 0.0 23.5 35.3#

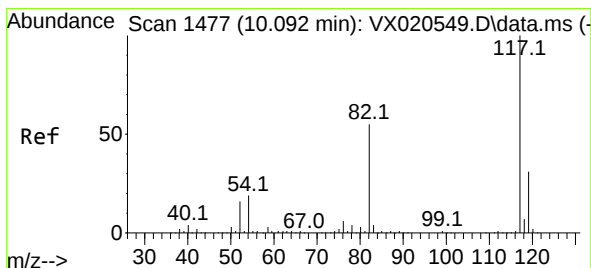
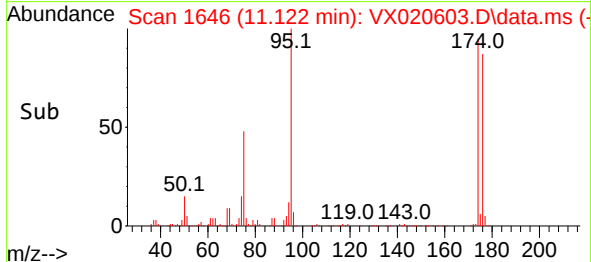
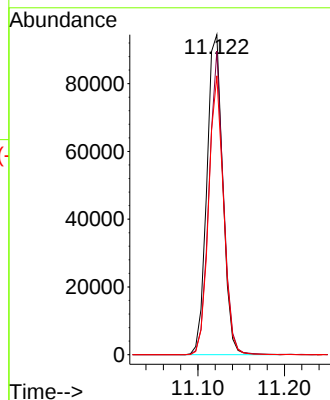
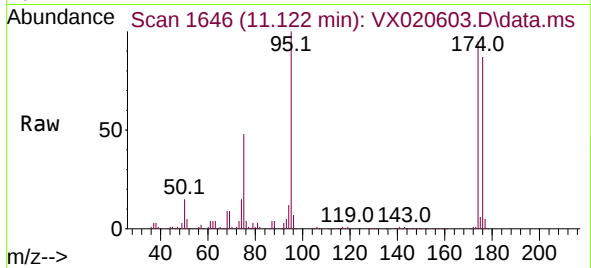




#62
4-Bromofluorobenzene
Concen: 46.76 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020603.D
Acq: 14 Jan 2021 11:19

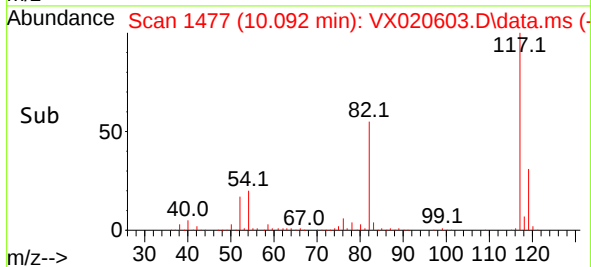
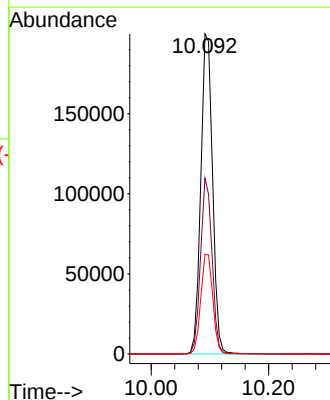
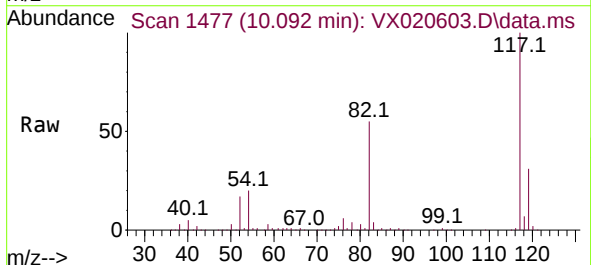
Instrument :
MSVOA_X
ClientSampleId :
VX0114WBL01

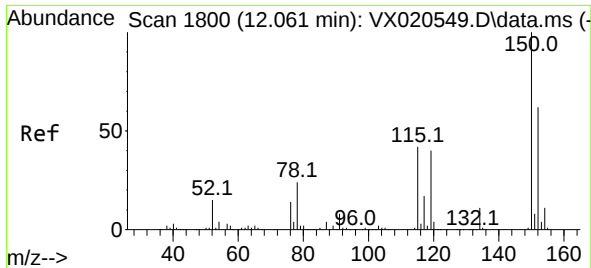
Tgt Ion: 95 Resp: 120672
Ion Ratio Lower Upper
95 100
174 86.3 0.0 154.6
176 81.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020603.D
Acq: 14 Jan 2021 11:19

Tgt Ion: 117 Resp: 278275
Ion Ratio Lower Upper
117 100
82 54.9 47.4 71.2
119 31.1 26.6 39.8

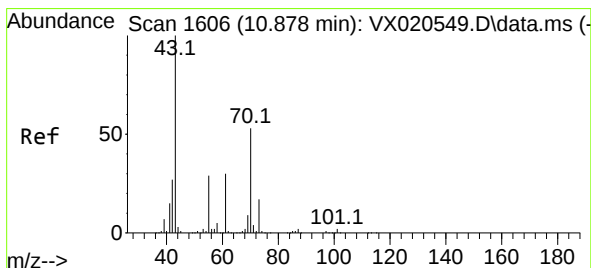
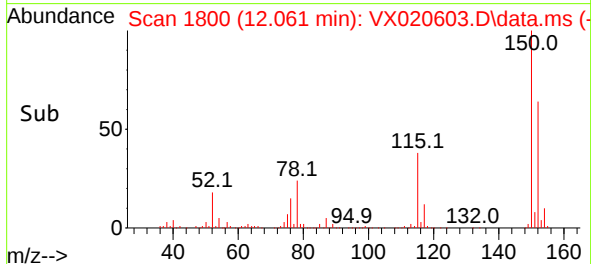
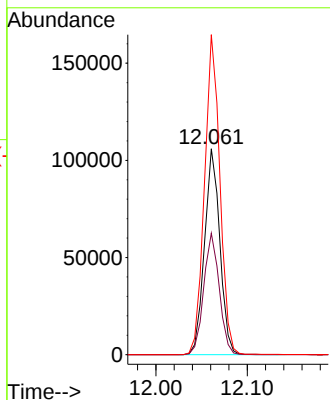
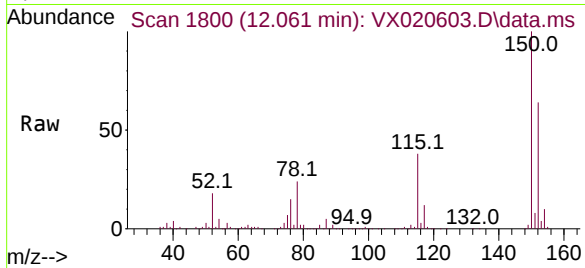




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020603.D
Acq: 14 Jan 2021 11:19

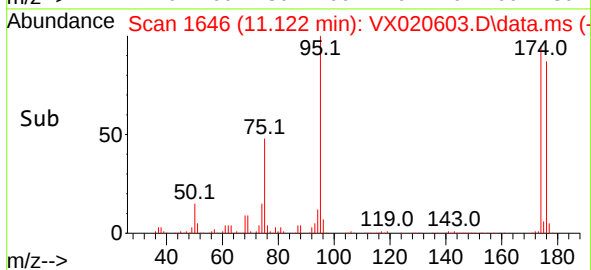
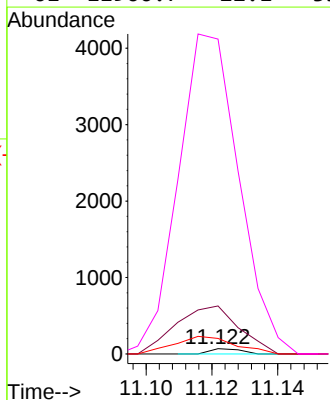
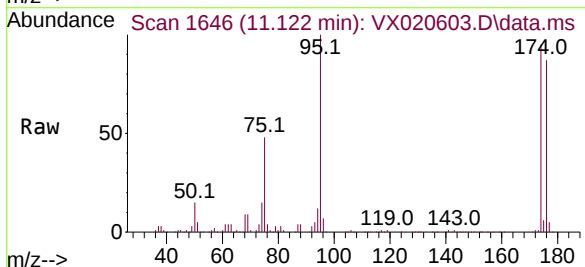
Instrument :
MSVOA_X
ClientSampleId :
VX0114WBL01

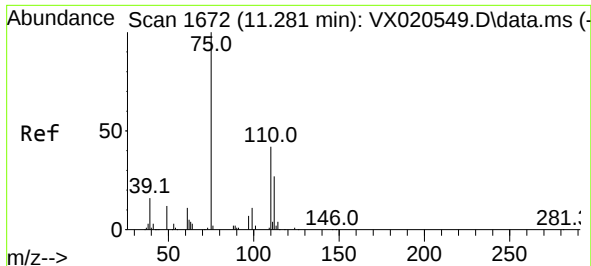
Tgt Ion:152 Resp: 123080
Ion Ratio Lower Upper
152 100
115 59.5 41.1 123.3
150 156.1 0.0 349.0



#74
N-ethyl acetate
Concen: 1.25 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.244 min
Lab File: VX020603.D
Acq: 14 Jan 2021 11:19

Tgt Ion: 43 Resp: 45
Ion Ratio Lower Upper
43 100
70 1875.6 39.0 58.6#
55 657.8 21.5 32.3#
61 11966.7 22.1 33.1#

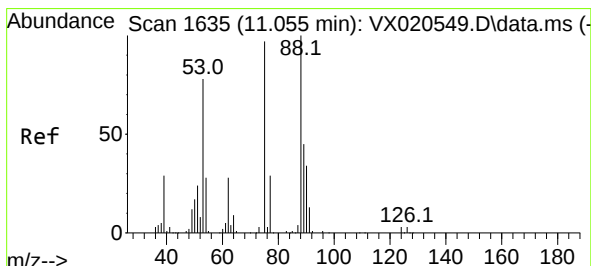
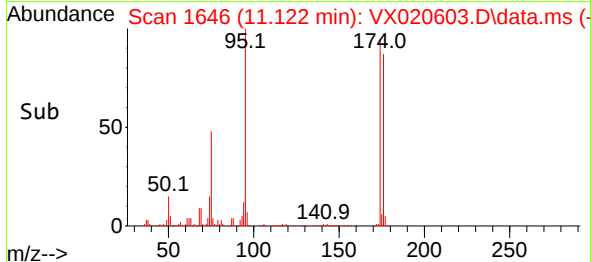
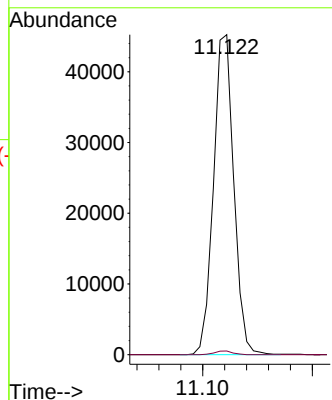
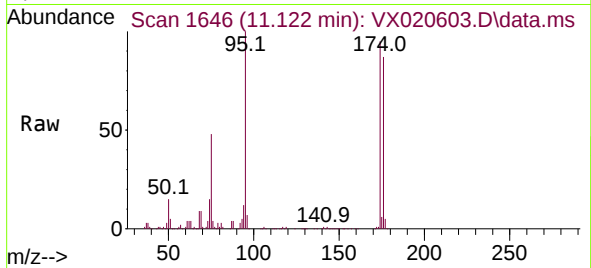




#76
1,2,3-Trichloropropane
Concen: 22.43 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.159 min
Lab File: VX020603.D
Acq: 14 Jan 2021 11:19

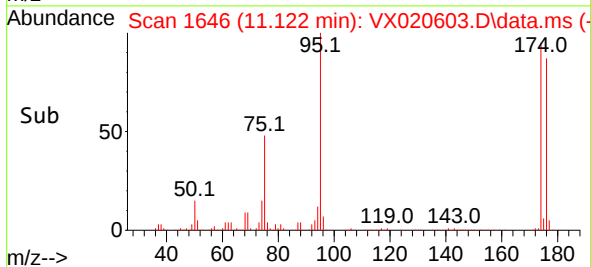
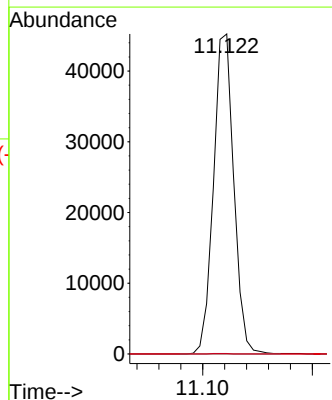
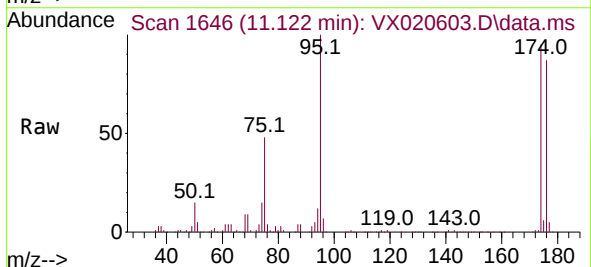
Instrument :
MSVOA_X
ClientSampleId :
VX0114WBL01

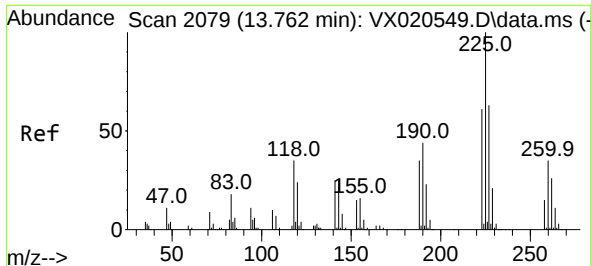
Tgt Ion: 75 Resp: 58149
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.10 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020603.D
Acq: 14 Jan 2021 11:19

Tgt Ion: 75 Resp: 58149
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

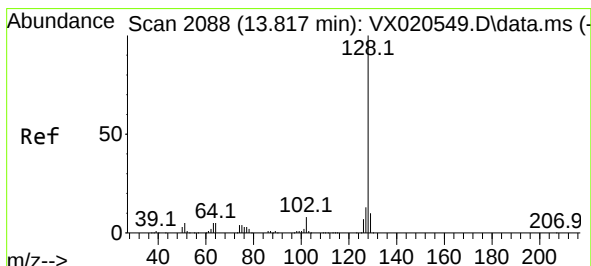
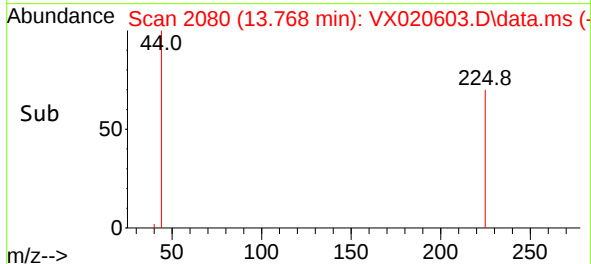
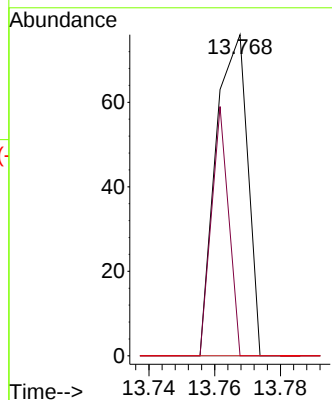
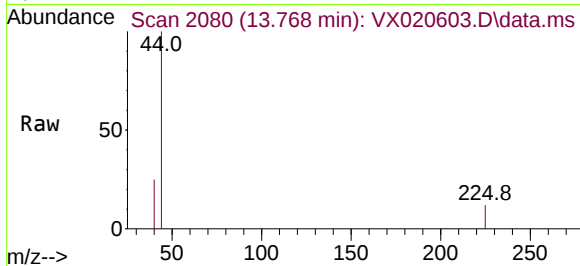




#94
Hexachlorobutadiene
Concen: 0.90 ug/l
RT: 13.768 min Scan# 2080
Delta R.T. 0.006 min
Lab File: VX020603.D
Acq: 14 Jan 2021 11:19

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBL01

Tgt Ion:225 Resp: 51
Ion Ratio Lower Upper
225 100
223 43.1 31.1 93.2
227 0.0 31.6 95.0#



#95
Naphthalene
Concen: 3.88 ug/l
RT: 13.816 min Scan# 2088
Delta R.T. -0.001 min
Lab File: VX020603.D
Acq: 14 Jan 2021 11:19

Tgt Ion:128 Resp: 310
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

