

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122920\
 Data File : VX020424.D
 Acq On : 29 Dec 2020 10:55
 Operator : JC/MD
 Sample : VX1229WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1229WBL01

Quant Time: Dec 30 02:34:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

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

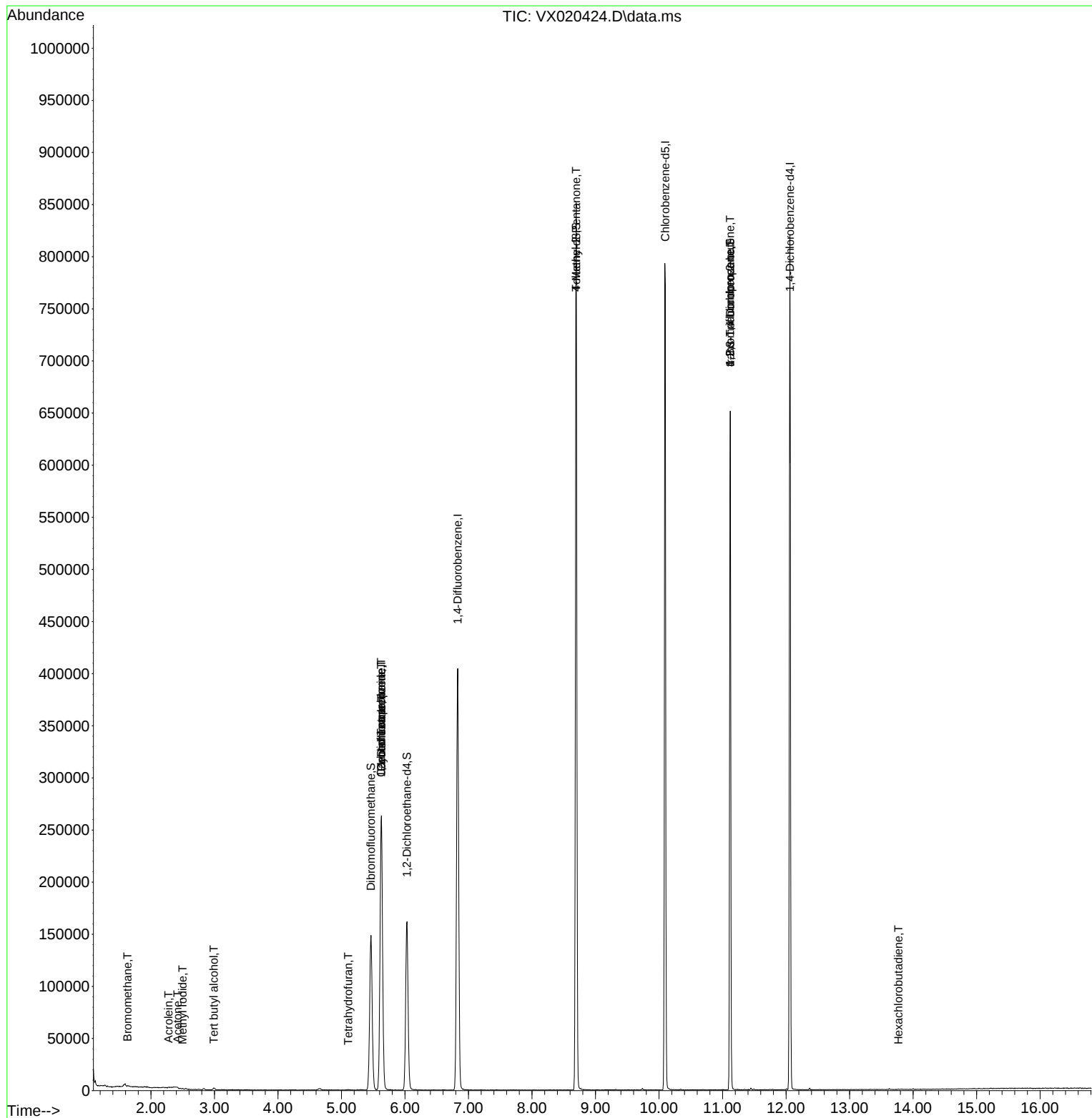
Internal Standards						
1) Pentafluorobenzene	5.629	168	256653	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	418267	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	384736	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	172394	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	152637	44.37	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	88.74%		
35) Dibromofluoromethane	5.464	113	128335	47.96	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.92%		
50) Toluene-d8	8.696	98	504167	48.95	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.90%		
62) 4-Bromofluorobenzene	11.122	95	182243	46.23	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.46%		
Target Compounds						Qvalue
5) Bromomethane	1.630	94	679	0.60	ug/l	92
10) Methyl Iodide	2.495	142	622	3.45	ug/l #	85
11) Tert butyl alcohol	2.989	59	1107	1.44	ug/l #	73
13) Acrolein	2.276	56	130	0.27	ug/l #	8
16) Acetone	2.416	43	1257	0.80	ug/l	89
29) Tetrahydrofuran	5.105	42	382	0.27	ug/l #	47
31) Cyclohexane	5.629	56	4870	1.03	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	19085	4.62	ug/l #	48
38) Carbon Tetrachloride	5.623	117	24548	6.24	ug/l #	16
51) 4-Methyl-2-Pentanone	8.696	43	1895	0.45	ug/l #	1
76) 1,2,3-Trichloropropane	11.122	75	83890	19.75	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	83890	58.61	ug/l #	12
94) Hexachlorobutadiene	13.768	225	87	2.70	ug/l #	79

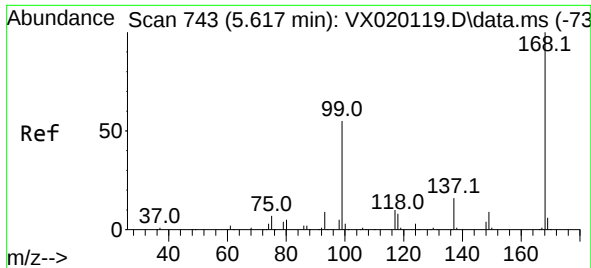
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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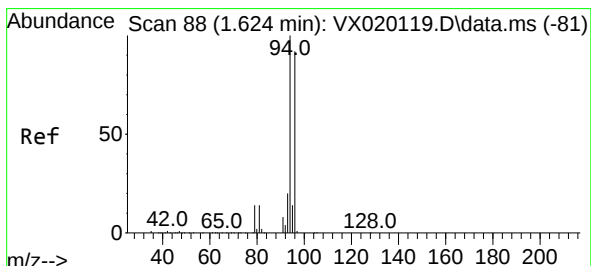
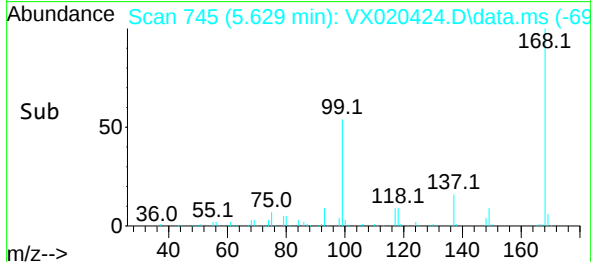
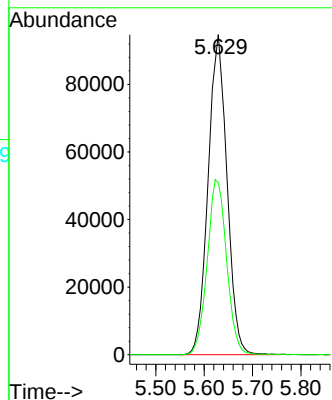
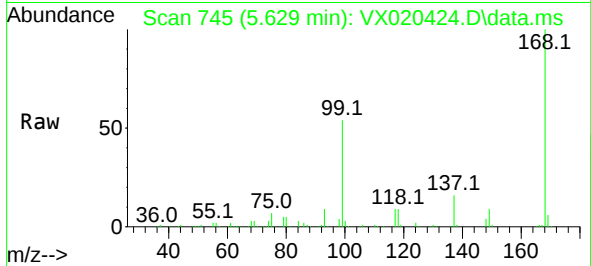




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020424.D
Acq: 29 Dec 2020 10:55

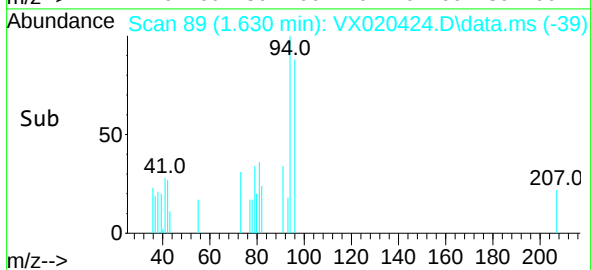
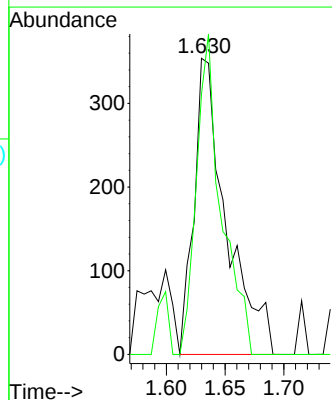
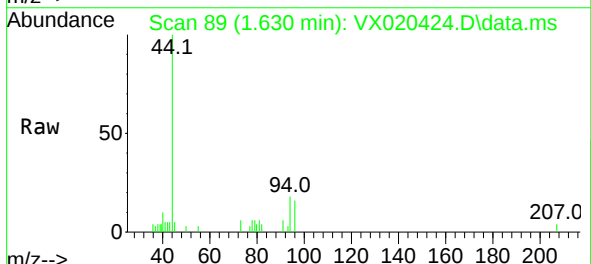
Instrument :
MSVOA_X
ClientSampleId :
VX1229WBL01

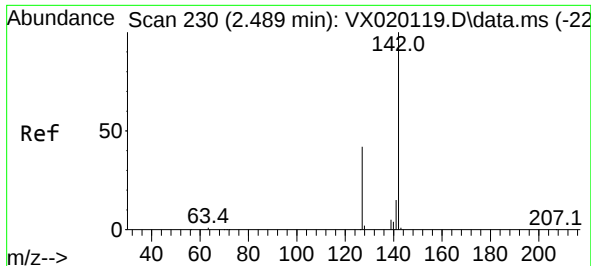
Tgt Ion:168 Resp: 256653
Ion Ratio Lower Upper
168 100
99 53.7 45.8 68.6



#5
Bromomethane
Concen: 0.60 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020424.D
Acq: 29 Dec 2020 10:55

Tgt Ion: 94 Resp: 679
Ion Ratio Lower Upper
94 100
96 87.9 76.4 114.6

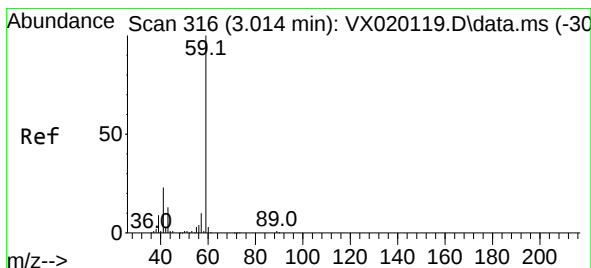
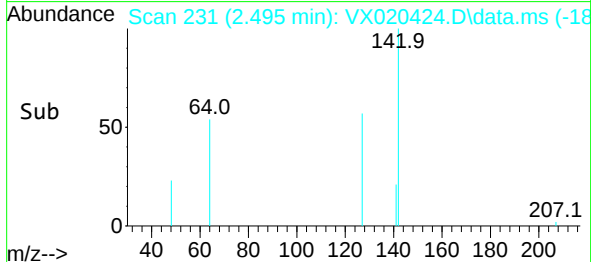
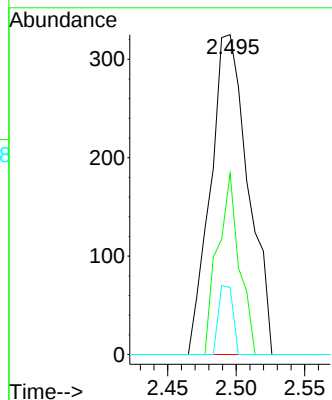
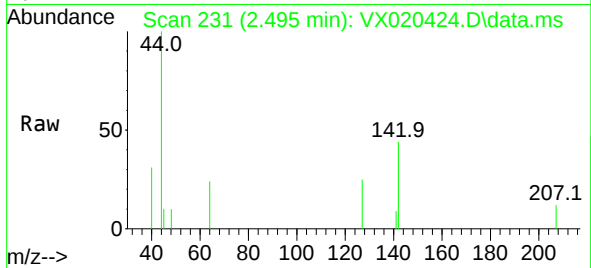




#10
Methyl Iodide
Concen: 3.45 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020424.D
Acq: 29 Dec 2020 10:55

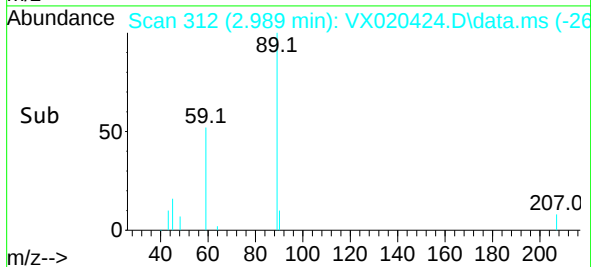
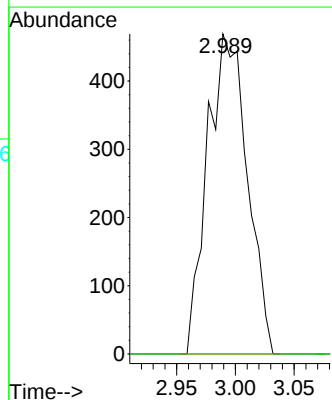
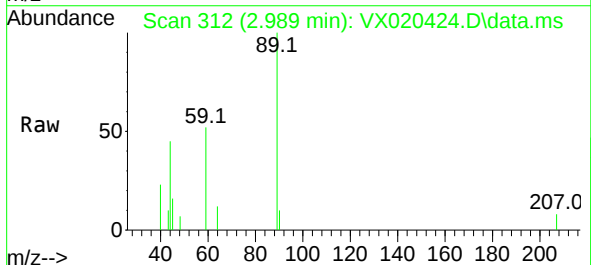
Instrument :
MSVOA_X
ClientSampleId :
VX1229WBL01

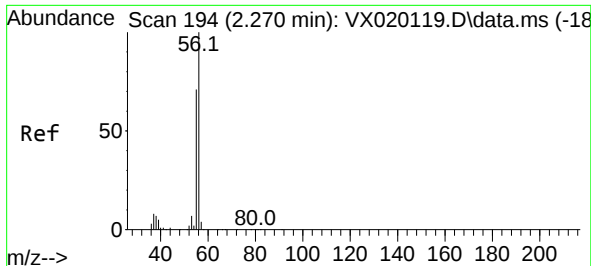
Tgt Ion:142 Resp: 622
Ion Ratio Lower Upper
142 100
127 32.5 33.3 49.9#
141 8.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.44 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020424.D
Acq: 29 Dec 2020 10:55

Tgt Ion: 59 Resp: 1107
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

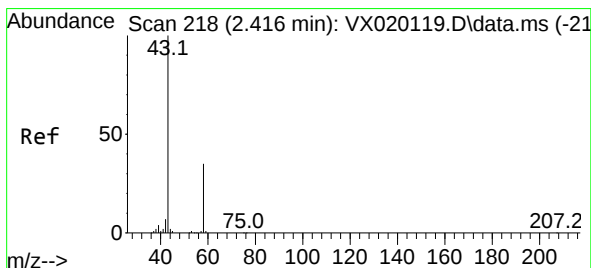
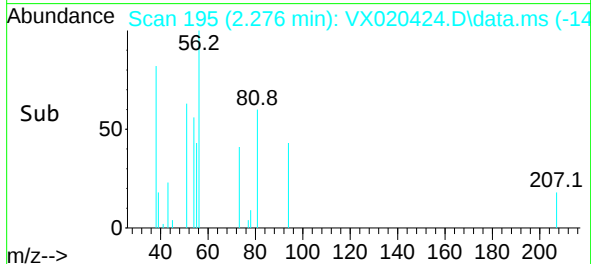
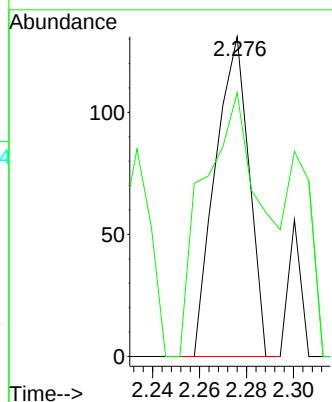
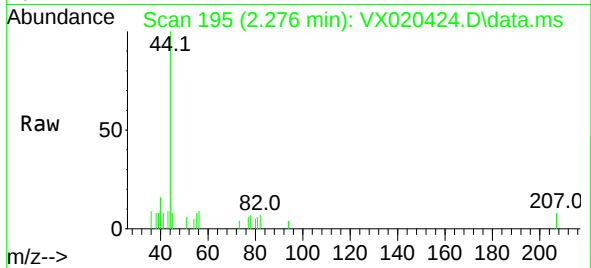




#13
Acrolein
Concen: 0.27 ug/l
RT: 2.276 min Scan# 195
Delta R.T. 0.006 min
Lab File: VX020424.D
Acq: 29 Dec 2020 10:55

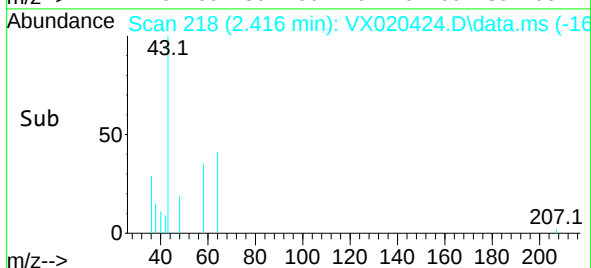
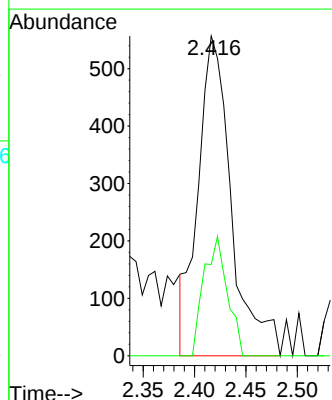
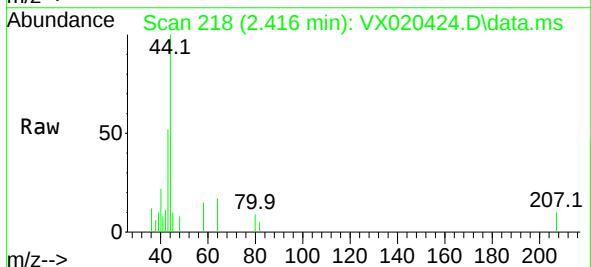
Instrument :
MSVOA_X
ClientSampleId :
VX1229WBL01

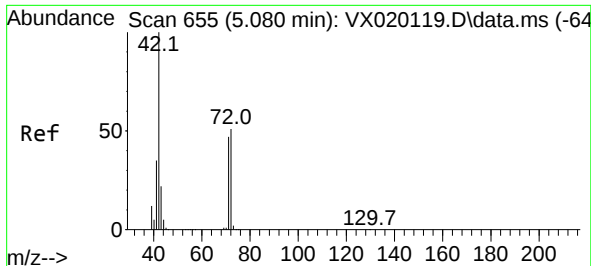
Tgt Ion: 56 Resp: 130
Ion Ratio Lower Upper
56 100
55 146.2 56.4 84.6#



#16
Acetone
Concen: 0.80 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020424.D
Acq: 29 Dec 2020 10:55

Tgt Ion: 43 Resp: 1257
Ion Ratio Lower Upper
43 100
58 28.5 27.8 41.8





#29

Tetrahydrofuran

Concen: 0.27 ug/l

RT: 5.105 min Scan# 659

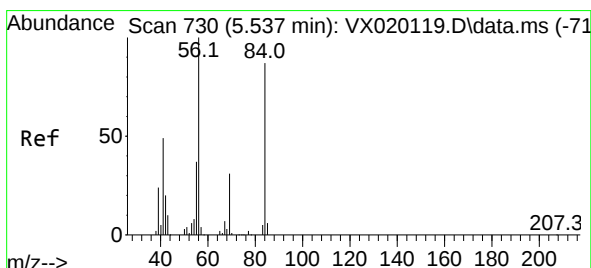
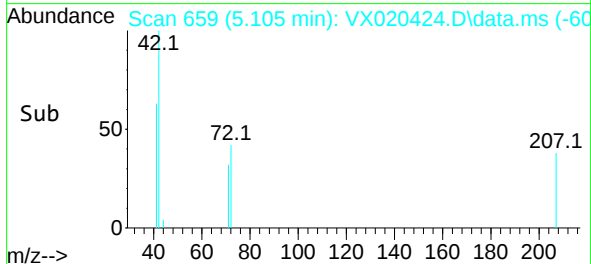
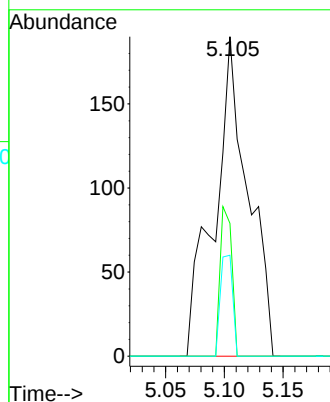
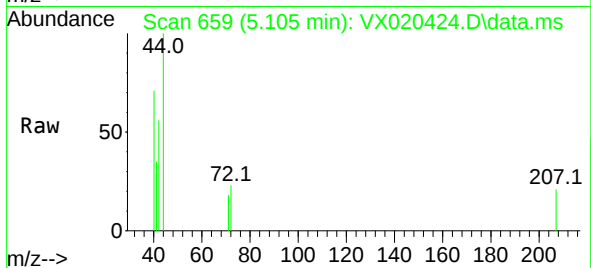
Delta R.T. 0.025 min

Lab File: VX020424.D

Acq: 29 Dec 2020 10:55

Tgt Ion:	42	Resp:	382
Ion	Ratio	Lower	Upper
42	100		
72	16.0	41.7	62.5#
71	11.5	38.4	57.6#

Instrument :
MSVOA_X
ClientSampleId :
VX1229WBL01



#31

Cyclohexane

Concen: 1.03 ug/l

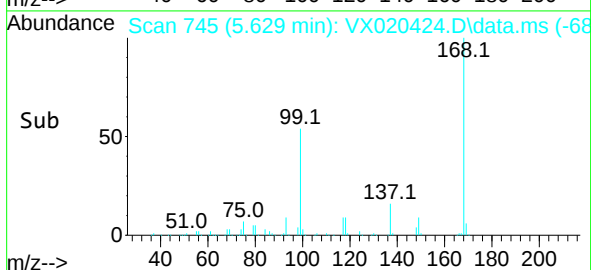
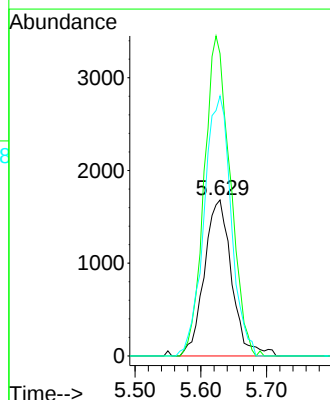
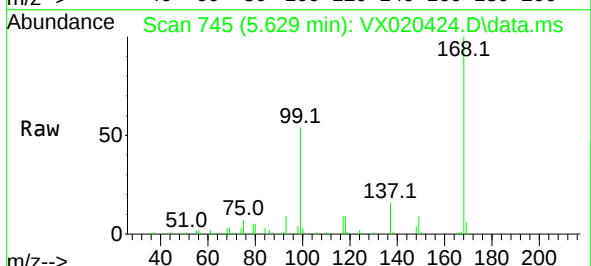
RT: 5.629 min Scan# 745

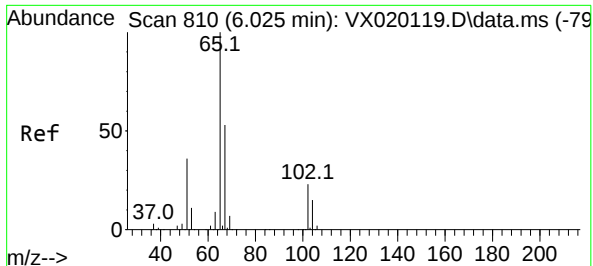
Delta R.T. 0.092 min

Lab File: VX020424.D

Acq: 29 Dec 2020 10:55

Tgt Ion:	56	Resp:	4870
Ion	Ratio	Lower	Upper
56	100		
69	193.7	25.3	37.9#
84	166.6	71.4	107.0#

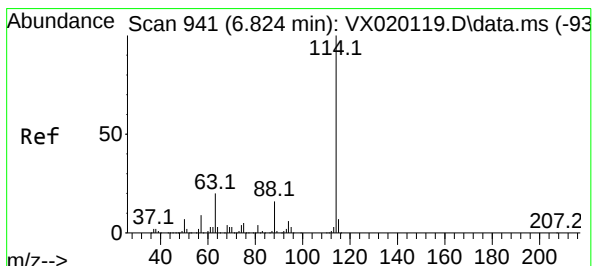
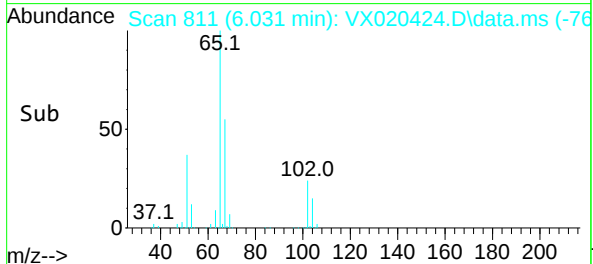
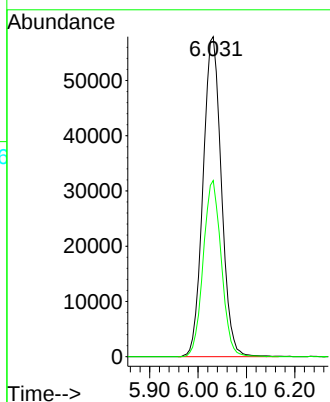
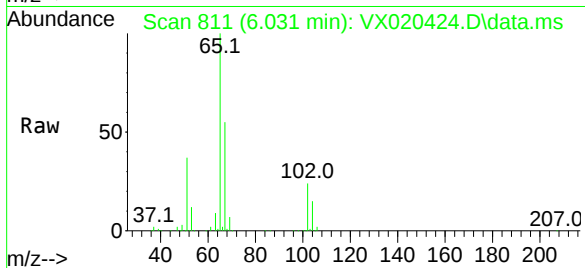




#33
1,2-Dichloroethane-d4
Concen: 44.37 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020424.D
Acq: 29 Dec 2020 10:55

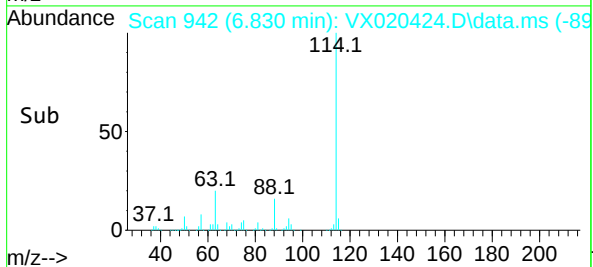
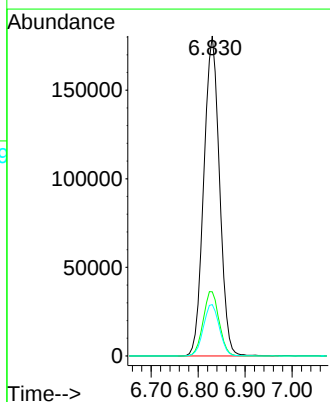
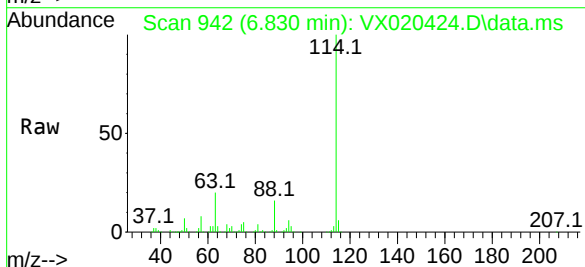
Instrument :
MSVOA_X
ClientSampleId :
VX1229WBL01

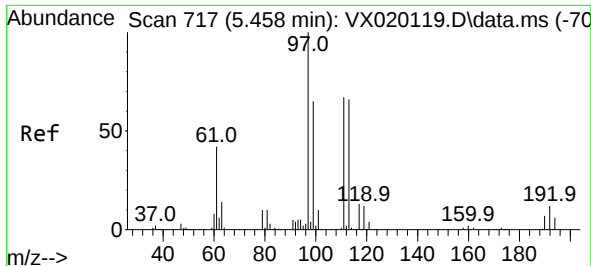
Tgt Ion: 65 Resp: 152637
Ion Ratio Lower Upper
65 100
67 54.3 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020424.D
Acq: 29 Dec 2020 10:55

Tgt Ion: 114 Resp: 418267
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.8
88 16.1 0.0 32.8

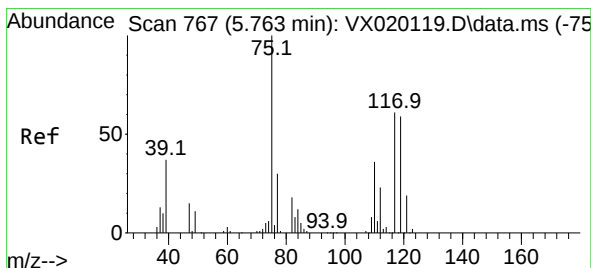
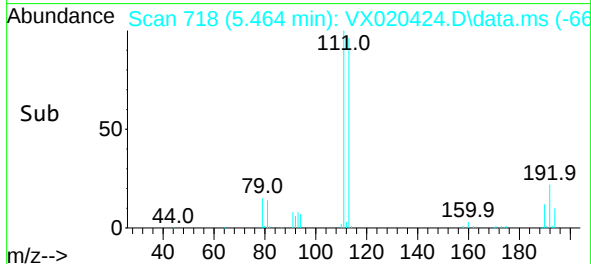
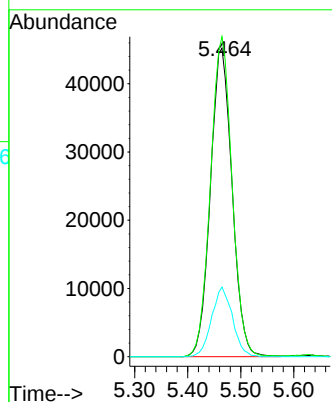
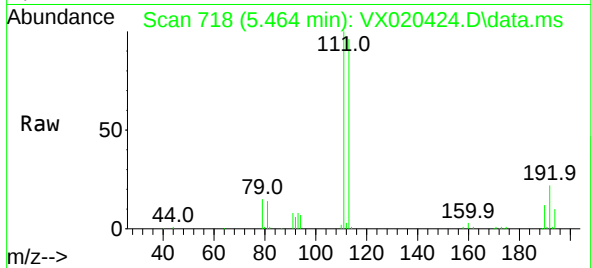




#35
Dibromofluoromethane
Concen: 47.96 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020424.D
Acq: 29 Dec 2020 10:55

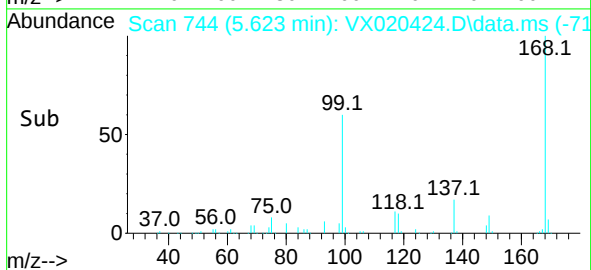
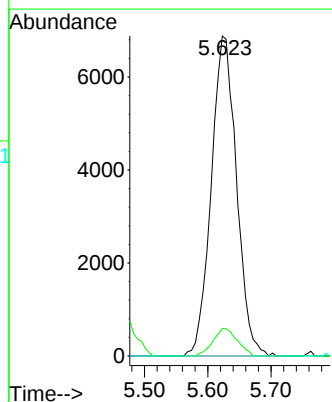
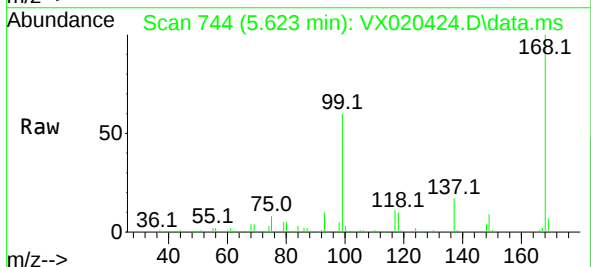
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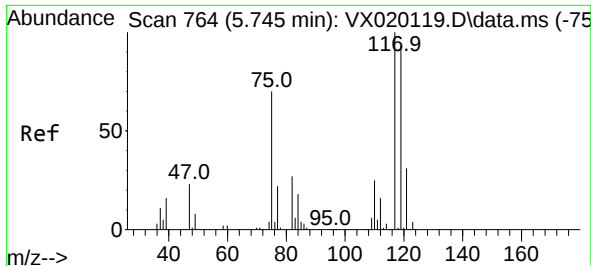
Tgt Ion:113 Resp: 128335
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 21.7 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.62 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020424.D
Acq: 29 Dec 2020 10:55

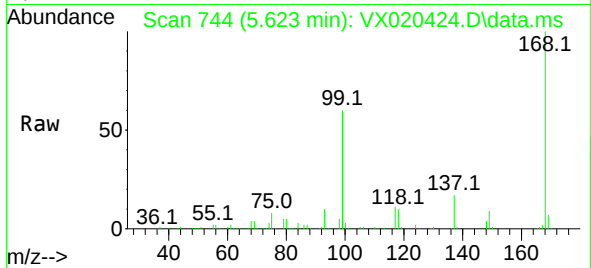
Tgt Ion: 75 Resp: 19085
Ion Ratio Lower Upper
75 100
110 8.3 18.1 54.4#
77 0.0 25.3 37.9#



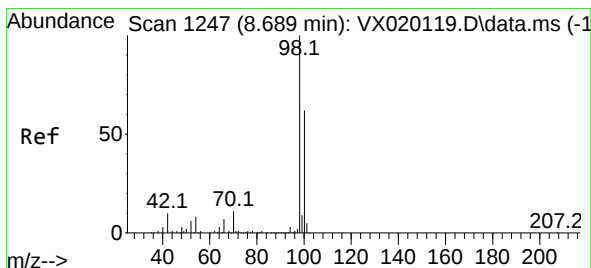
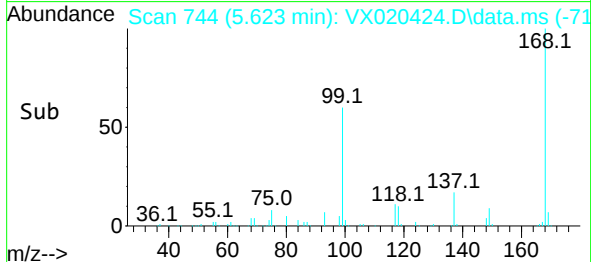
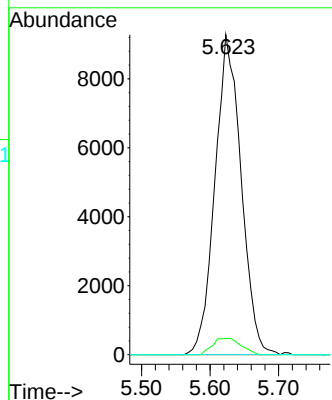


#38
Carbon Tetrachloride
Concen: 6.24 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020424.D
Acq: 29 Dec 2020 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX1229WBL01

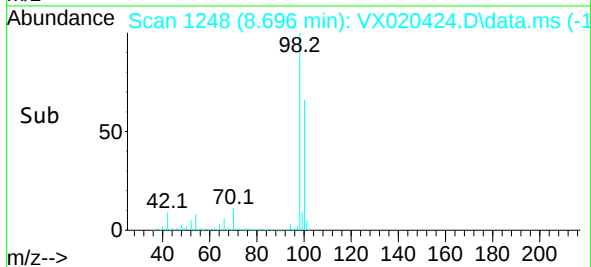
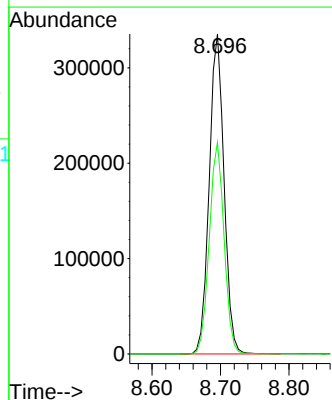
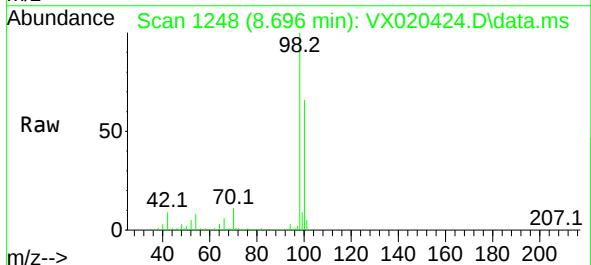


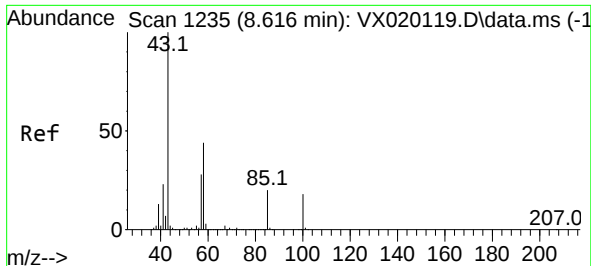
Tgt Ion:117 Resp: 24548
Ion Ratio Lower Upper
117 100
119 5.0 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.95 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020424.D
Acq: 29 Dec 2020 10:55

Tgt Ion: 98 Resp: 504167
Ion Ratio Lower Upper
98 100
100 66.2 51.9 77.9

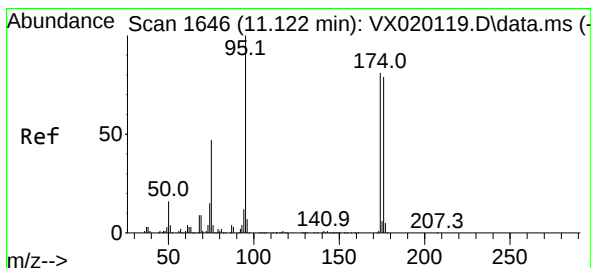
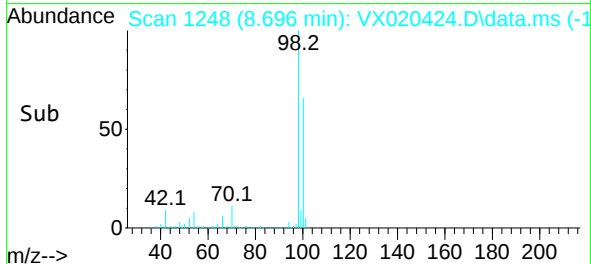
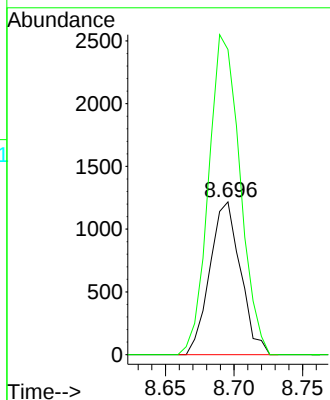
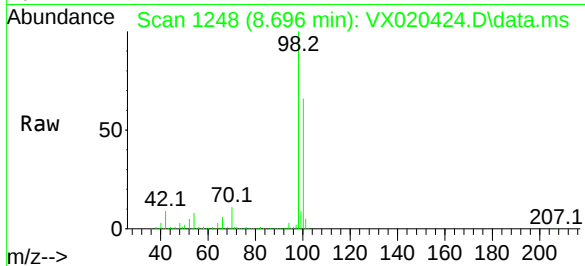




#51
4-Methyl-2-Pentanone
Concen: 0.45 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.080 min
Lab File: VX020424.D
Acq: 29 Dec 2020 10:55

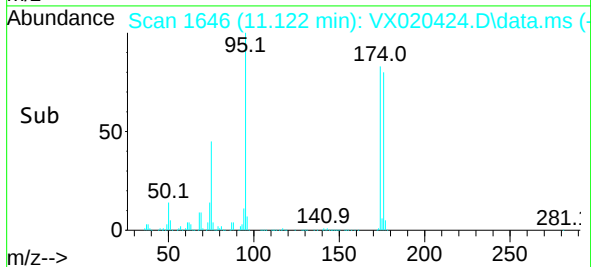
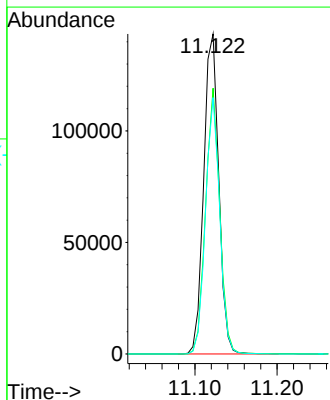
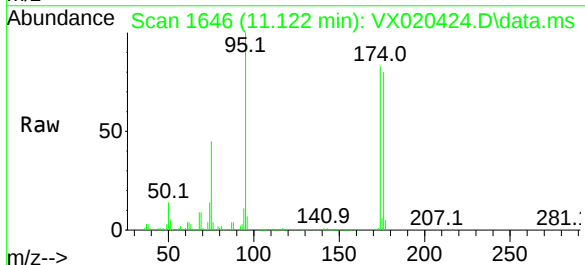
Instrument :
MSVOA_X
ClientSampleId :
VX1229WBL01

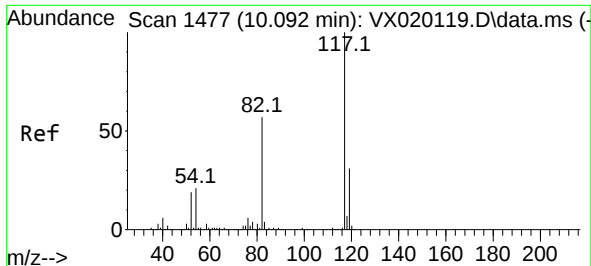
Tgt Ion: 43 Resp: 1895
Ion Ratio Lower Upper
43 100
58 214.8 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 46.23 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020424.D
Acq: 29 Dec 2020 10:55

Tgt Ion: 95 Resp: 182243
Ion Ratio Lower Upper
95 100
174 78.4 0.0 154.6
176 75.8 0.0 155.8

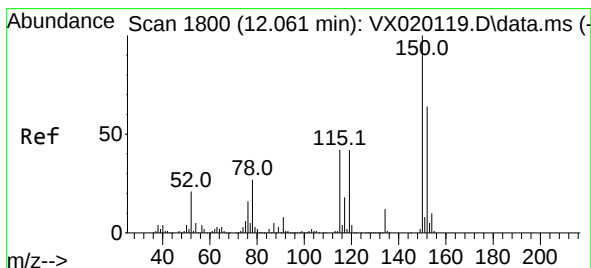
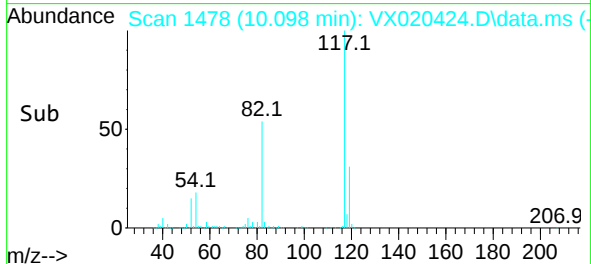
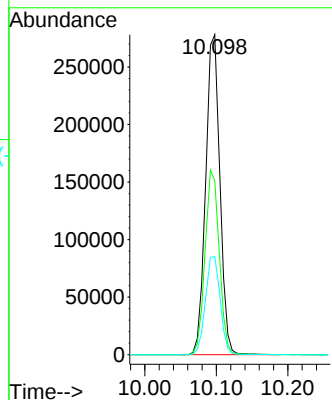
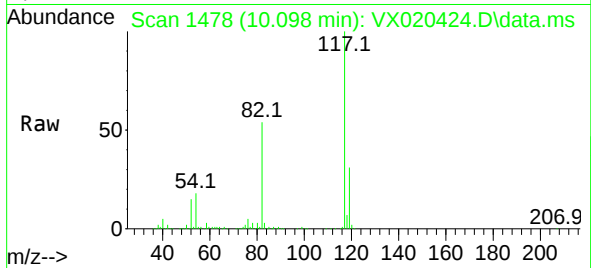




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020424.D
Acq: 29 Dec 2020 10:55

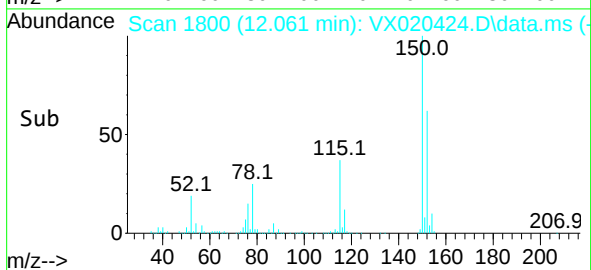
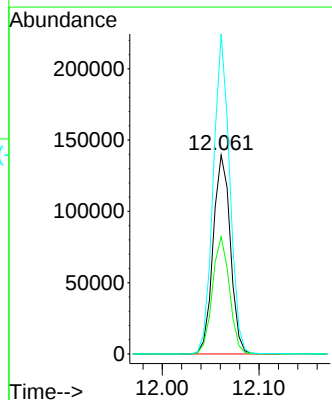
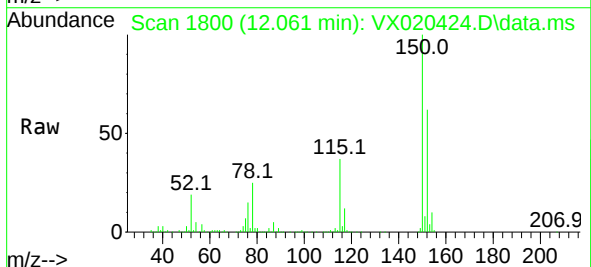
Instrument :
MSVOA_X
ClientSampleId :
VX1229WBL01

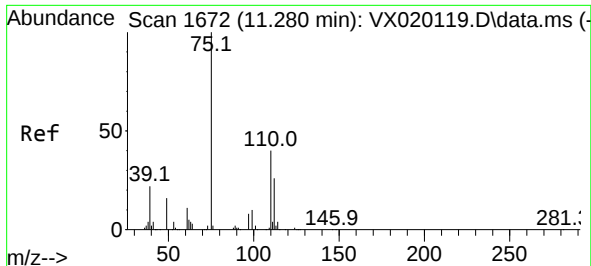
Tgt Ion:117 Resp: 384736
Ion Ratio Lower Upper
117 100
82 54.4 47.4 71.2
119 30.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020424.D
Acq: 29 Dec 2020 10:55

Tgt Ion:152 Resp: 172394
Ion Ratio Lower Upper
152 100
115 58.3 41.1 123.3
150 153.3 0.0 349.0

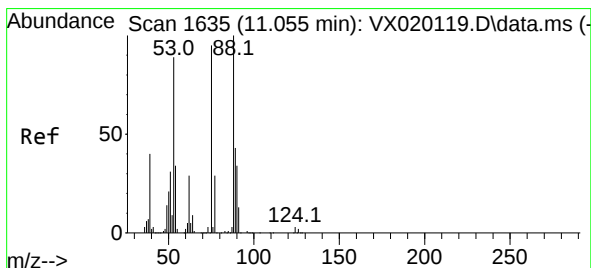
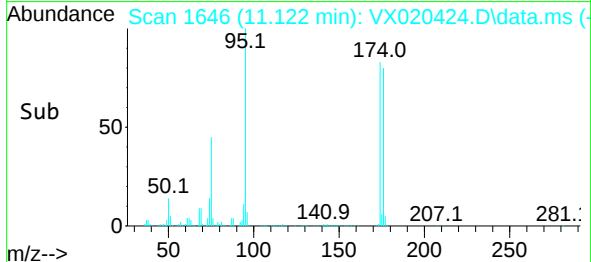
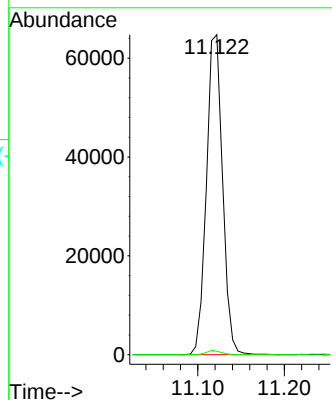
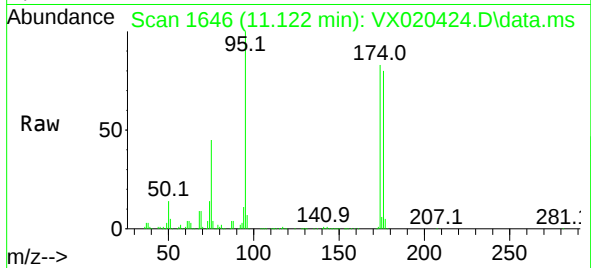




#76
1,2,3-Trichloropropane
Concen: 19.75 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020424.D
Acq: 29 Dec 2020 10:55

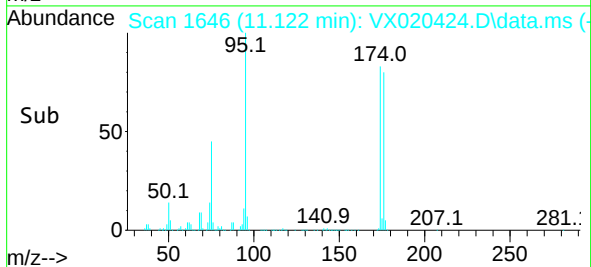
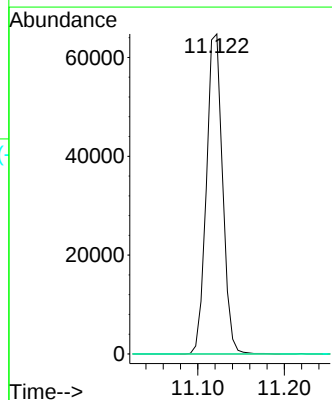
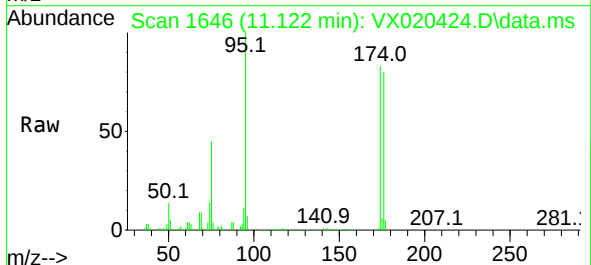
Instrument :
MSVOA_X
ClientSampleId :
VX1229WBL01

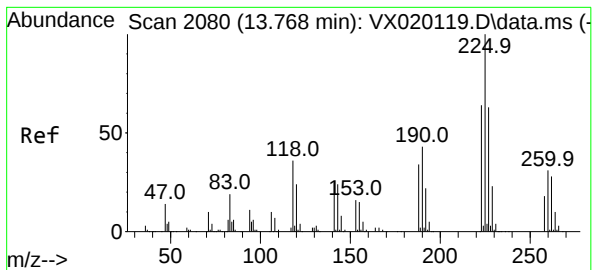
Tgt Ion: 75 Resp: 83890
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.61 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020424.D
Acq: 29 Dec 2020 10:55

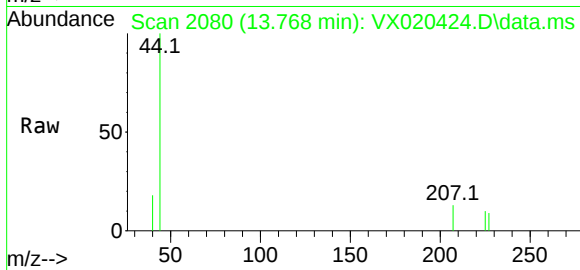
Tgt Ion: 75 Resp: 83890
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#94
 Hexachlorobutadiene
 Concen: 2.70 ug/l
 RT: 13.768 min Scan# 2080
 Delta R.T. -0.000 min
 Lab File: VX020424.D
 Acq: 29 Dec 2020 10:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1229WBL01



Tgt Ion:	225	Resp:	87
Ion	Ratio	Lower	Upper
225	100		
223	31.0	31.1	93.2#
227	65.5	31.6	95.0

