

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122320\
 Data File : VX020361.D
 Acq On : 24 Dec 2020 00:51
 Operator : JC/MD
 Sample : L5094-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 49-5565(S)-121320

Quant Time: Dec 24 05:34:51 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)

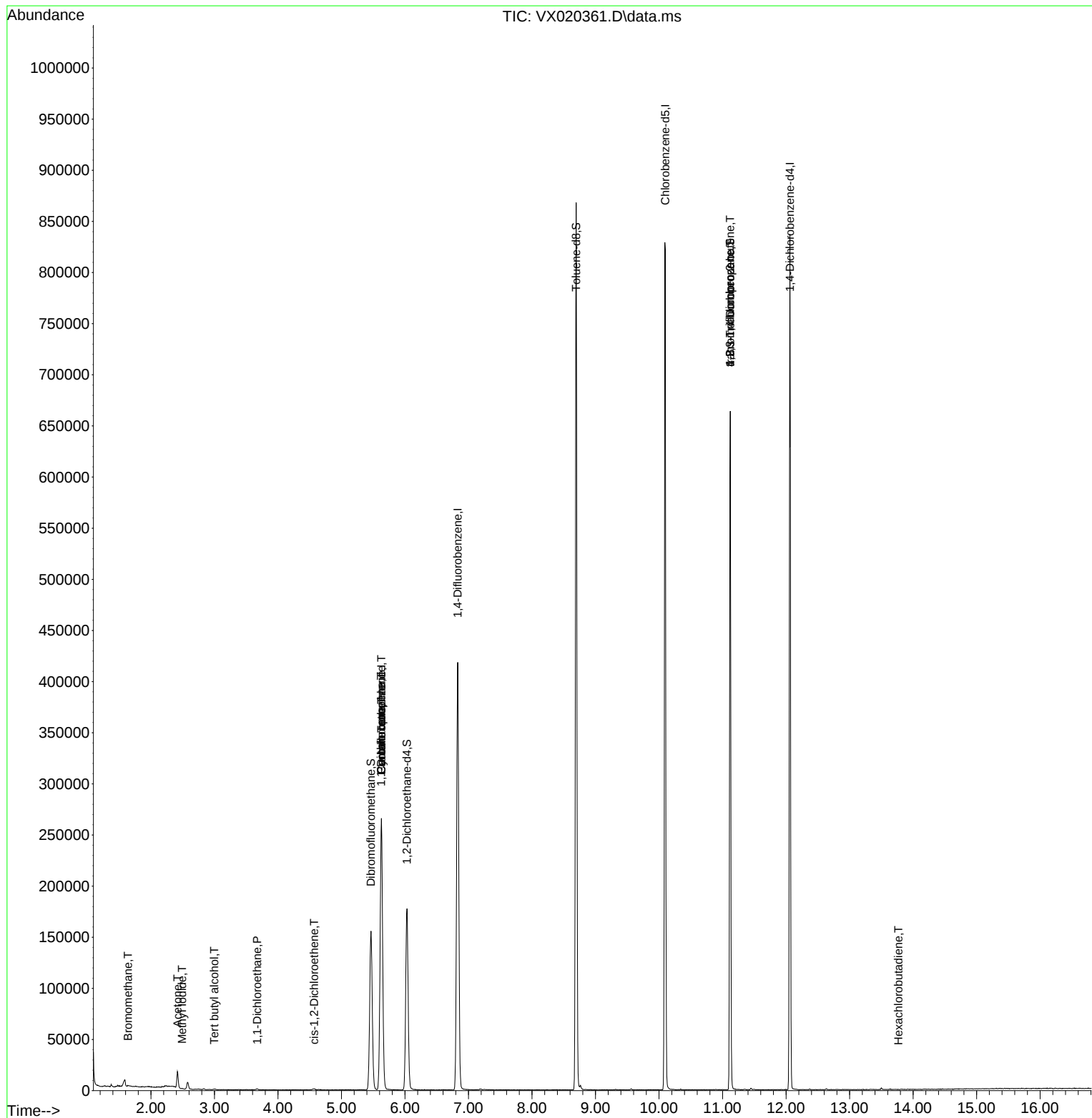
Internal Standards						
1) Pentafluorobenzene	5.629	168	246690	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	423185	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	399402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	165641	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	170010	51.41	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.82%			
35) Dibromofluoromethane	5.464	113	135381	50.01	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.02%			
50) Toluene-d8	8.695	98	507119	48.67	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.34%			
62) 4-Bromofluorobenzene	11.122	95	183752	46.07	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.14%			
Target Compounds						Qvalue
5) Bromomethane	1.636	94	423	0.39	ug/l #	54
10) Methyl Iodide	2.489	142	508	3.43	ug/l #	92
11) Tert butyl alcohol	2.995	59	583	0.79	ug/l #	73
16) Acetone	2.416	43	17111	11.35	ug/l	99
24) 1,1-Dichloroethane	3.672	63	1362	0.25	ug/l #	81
27) cis-1,2-Dichloroethene	4.568	96	814	0.24	ug/l	81
31) Cyclohexane	5.629	56	5020	1.10	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	19717	4.71	ug/l #	49
38) Carbon Tetrachloride	5.629	117	24592	6.18	ug/l #	18
76) 1,2,3-Trichloropropane	11.122	75	88994	21.81	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	88994	64.71	ug/l #	12
94) Hexachlorobutadiene	13.768	225	23	2.66	ug/l #	19

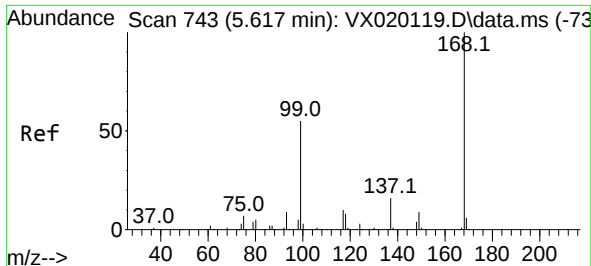
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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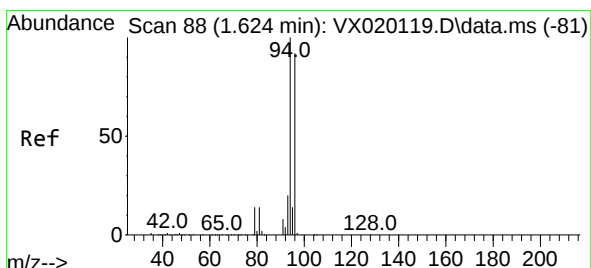
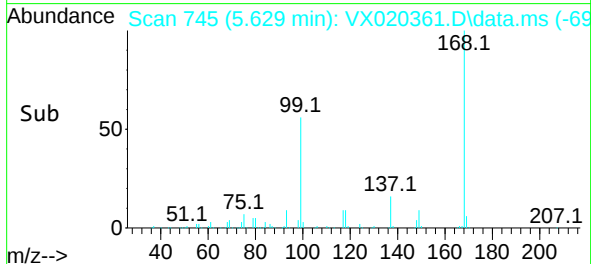
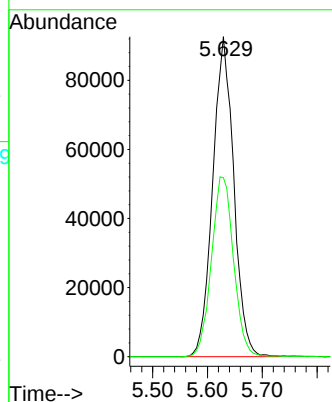
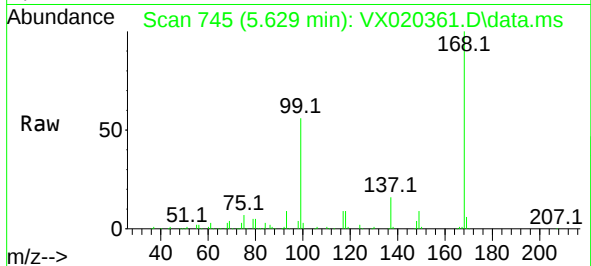




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020361.D
Acq: 24 Dec 2020 00:51

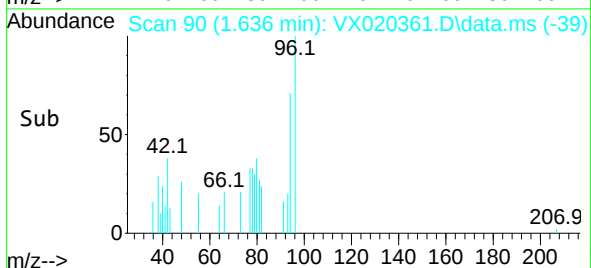
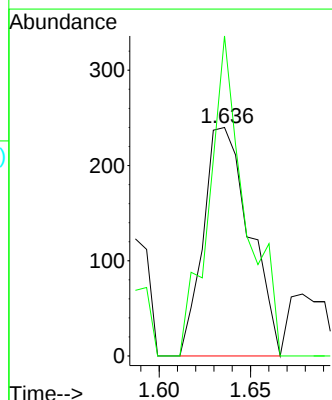
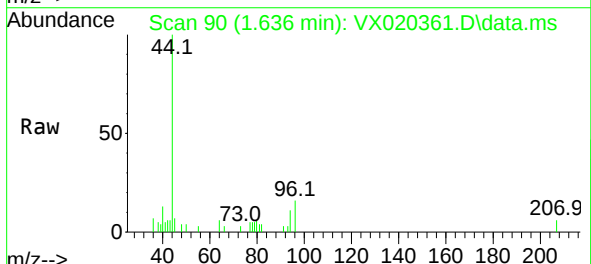
Instrument :
MSVOA_X
ClientSampleId :
49-5565(S)-121320

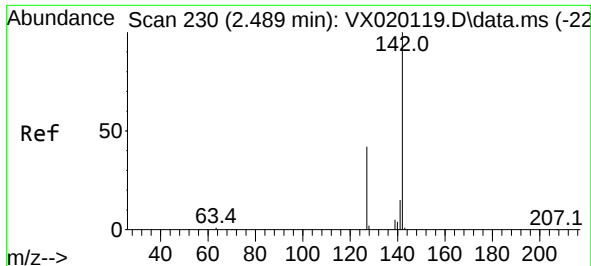
Tgt Ion:168 Resp: 246690
Ion Ratio Lower Upper
168 100
99 56.0 45.8 68.6



#5
Bromomethane
Concen: 0.39 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020361.D
Acq: 24 Dec 2020 00:51

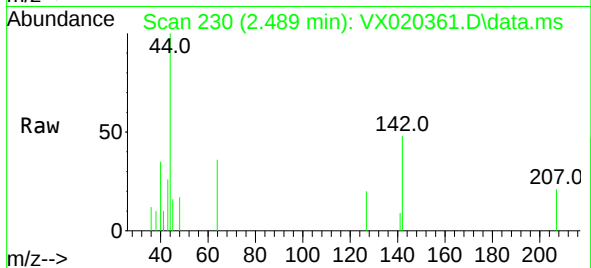
Tgt Ion: 94 Resp: 423
Ion Ratio Lower Upper
94 100
96 140.0 76.4 114.6#



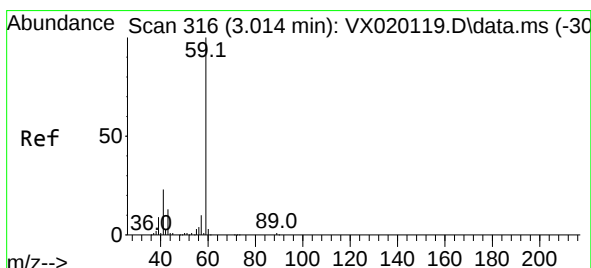
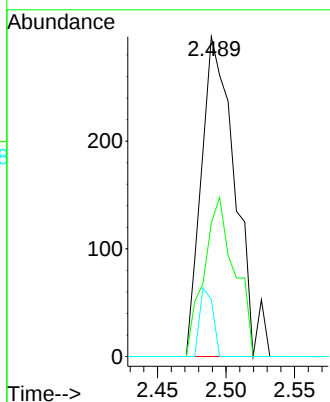
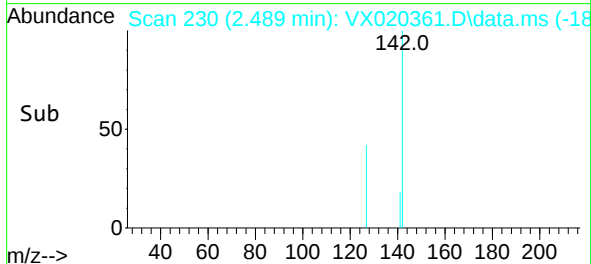


#10
Methyl Iodide
Concen: 3.43 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020361.D
Acq: 24 Dec 2020 00:51

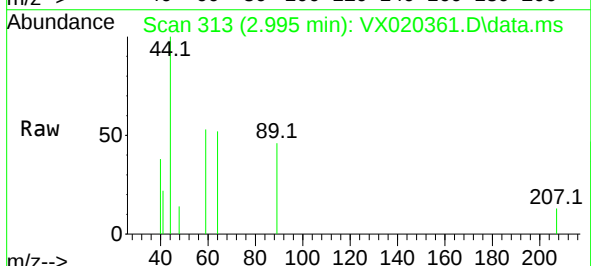
Instrument :
MSVOA_X
ClientSampleId :
49-5565(S)-121320



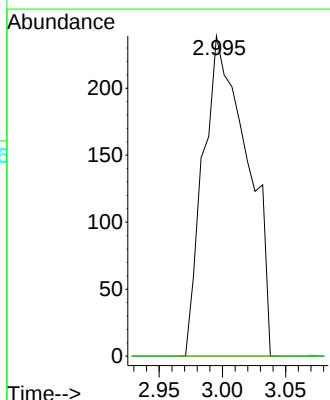
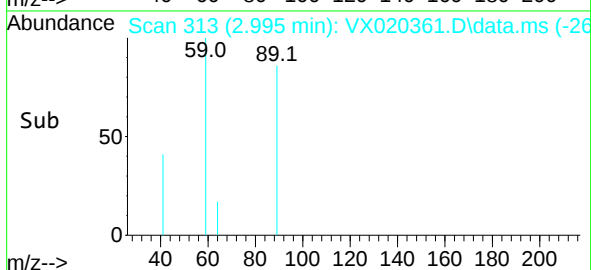
Tgt Ion:142 Resp: 508
Ion Ratio Lower Upper
142 100
127 45.5 33.3 49.9
141 8.5 11.4 17.0#

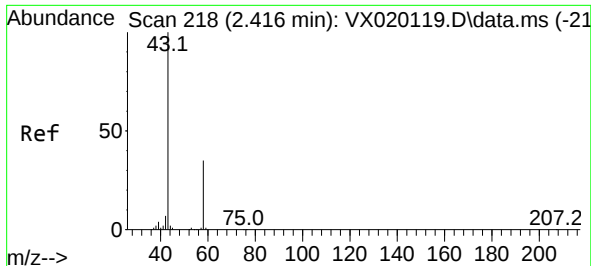


#11
Tert butyl alcohol
Concen: 0.79 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020361.D
Acq: 24 Dec 2020 00:51



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

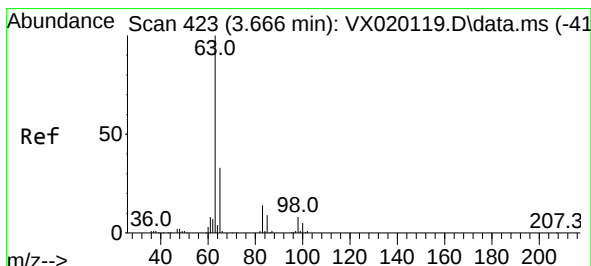
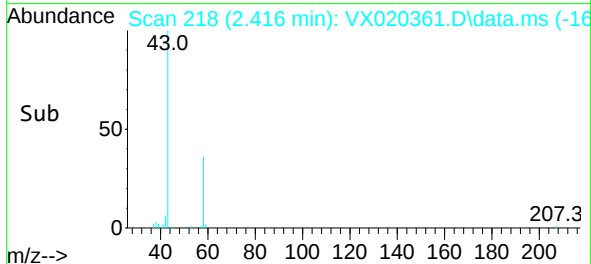
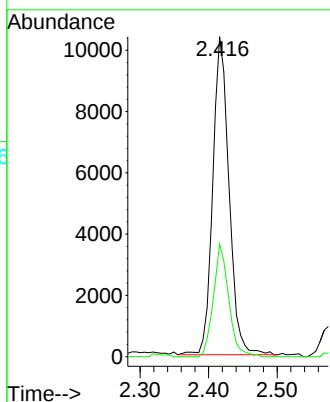
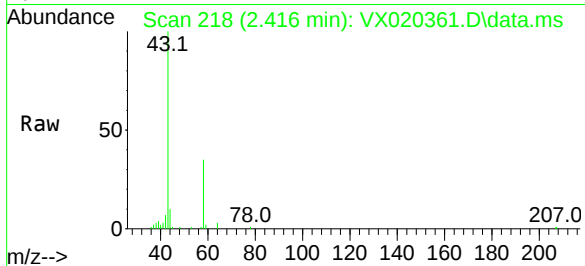




#16
Acetone
Concen: 11.35 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020361.D
Acq: 24 Dec 2020 00:51

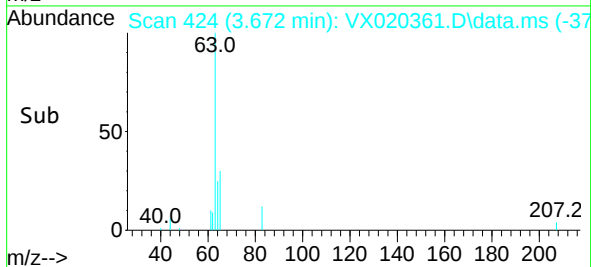
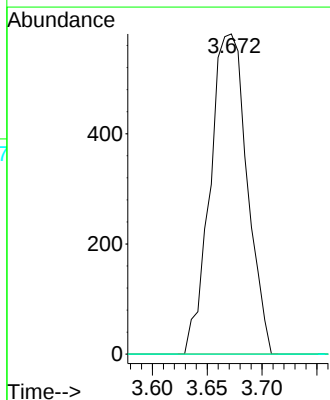
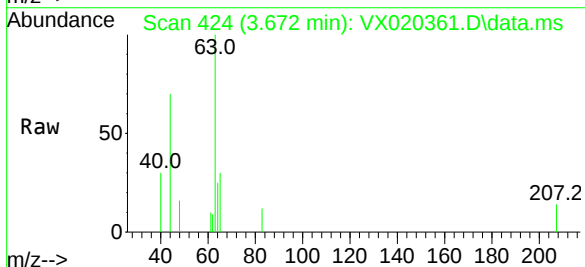
Instrument :
MSVOA_X
ClientSampleId :
49-5565(S)-121320

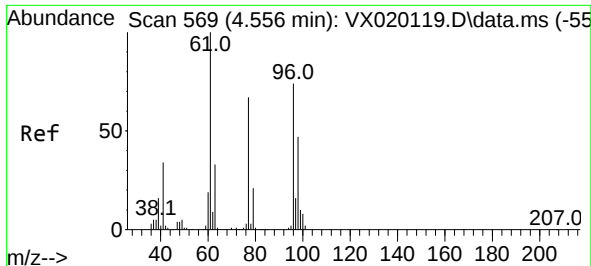
Tgt Ion: 43 Resp: 17111
Ion Ratio Lower Upper
43 100
58 35.4 27.8 41.8



#24
1,1-Dichloroethane
Concen: 0.25 ug/l
RT: 3.672 min Scan# 424
Delta R.T. 0.006 min
Lab File: VX020361.D
Acq: 24 Dec 2020 00:51

Tgt Ion: 63 Resp: 1362
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.2#
100 0.0 2.5 7.5#





#27

cis-1,2-Dichloroethene

Concen: 0.24 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.012 min

Lab File: VX020361.D

Acq: 24 Dec 2020 00:51

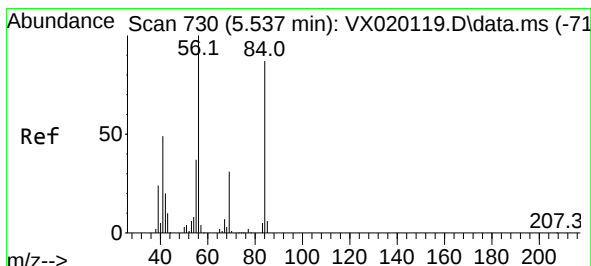
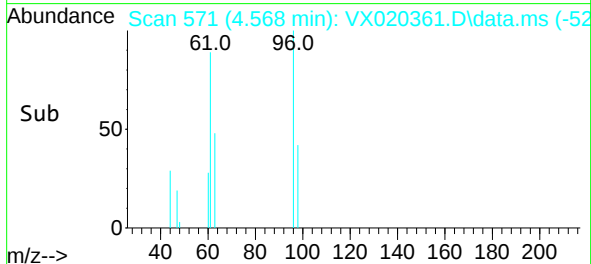
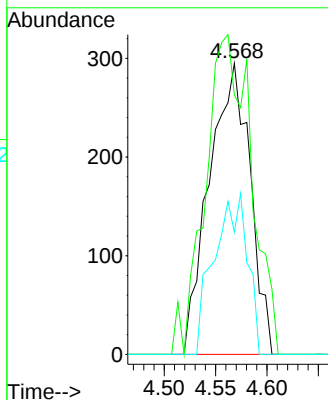
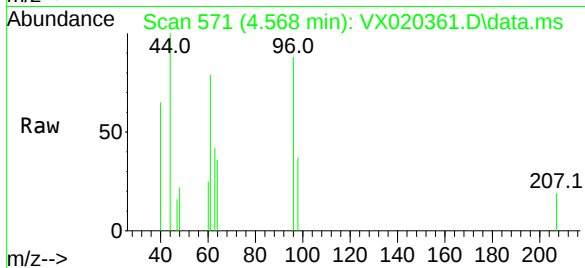
Instrument :

MSVOA_X

ClientSampleId :

49-5565(S)-121320

Tgt Ion: 96	Resp: 814
Ion Ratio	Lower Upper
96 100	
61 123.6	0.0 285.6
98 45.1	0.0 129.6



#31

Cyclohexane

Concen: 1.10 ug/l

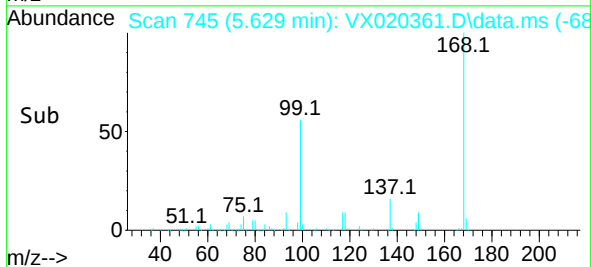
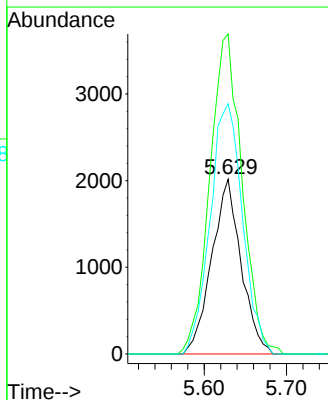
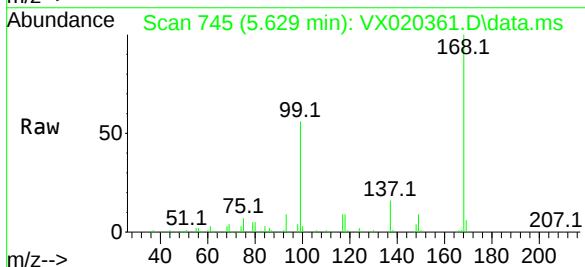
RT: 5.629 min Scan# 745

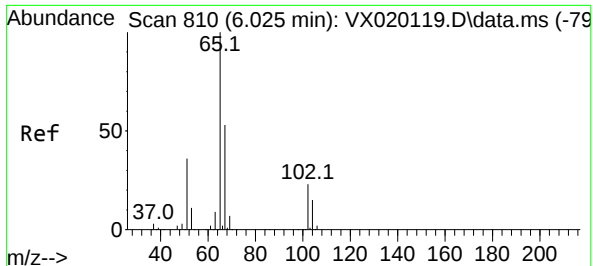
Delta R.T. 0.092 min

Lab File: VX020361.D

Acq: 24 Dec 2020 00:51

Tgt Ion: 56	Resp: 5020
Ion Ratio	Lower Upper
56 100	
69 183.1	25.3 37.9#
84 143.2	71.4 107.0#

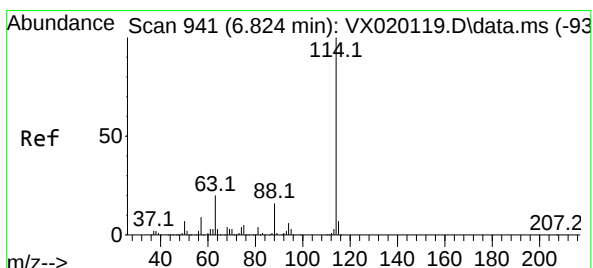
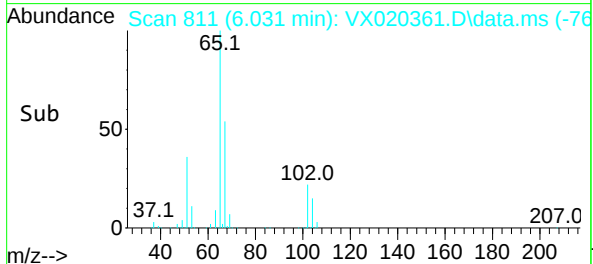
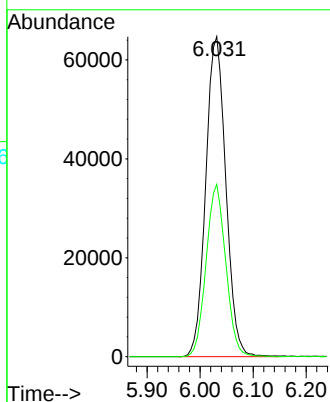
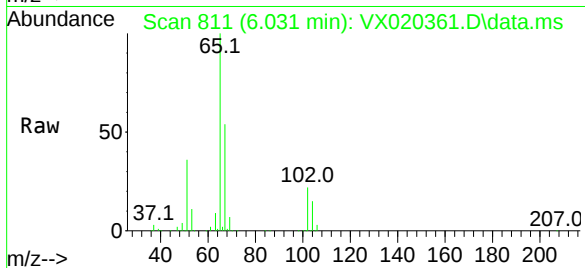




#33
1,2-Dichloroethane-d4
Concen: 51.41 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020361.D
Acq: 24 Dec 2020 00:51

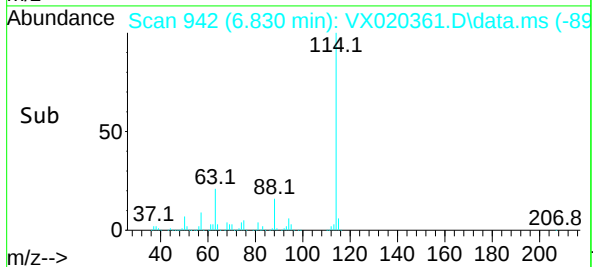
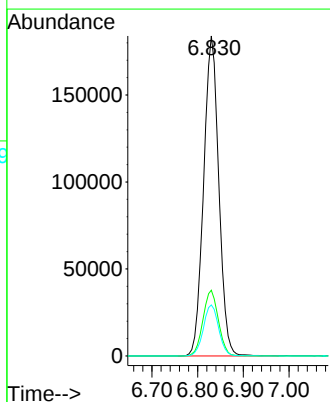
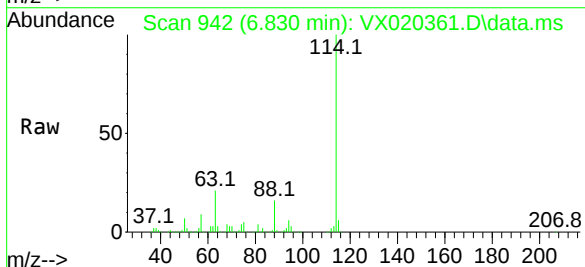
Instrument :
MSVOA_X
ClientSampleId :
49-5565(S)-121320

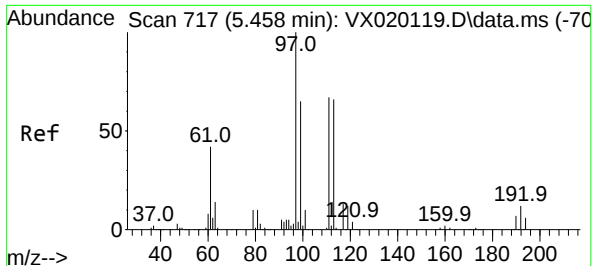
Tgt Ion: 65 Resp: 170010
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020361.D
Acq: 24 Dec 2020 00:51

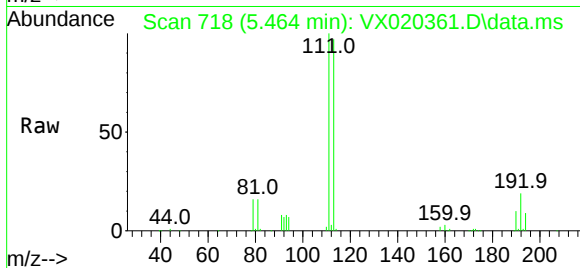
Tgt Ion: 114 Resp: 423185
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 15.9 0.0 32.8



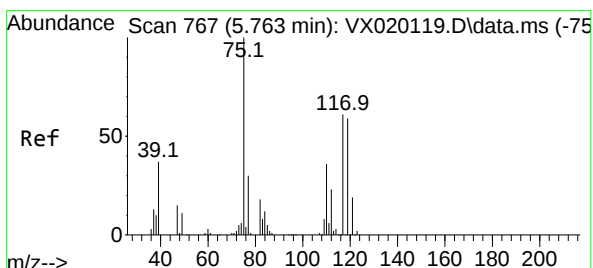
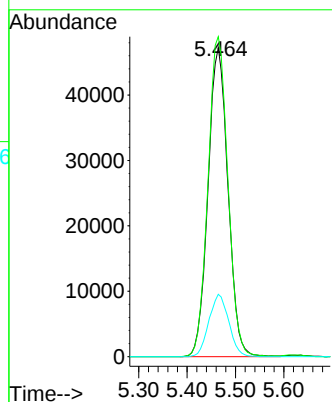
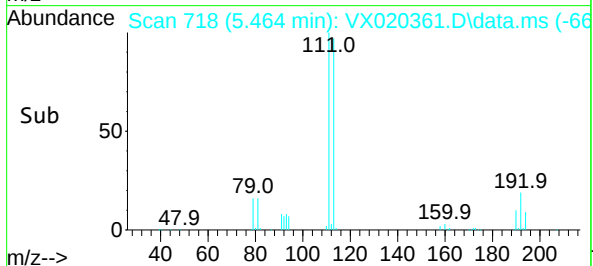


#35
Dibromofluoromethane
Concen: 50.01 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020361.D
Acq: 24 Dec 2020 00:51

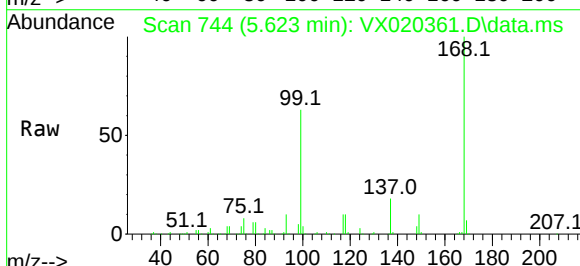
Instrument :
MSVOA_X
ClientSampleId :
49-5565(S)-121320



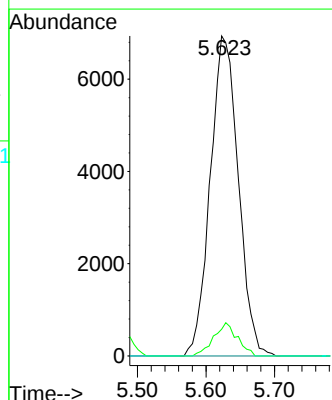
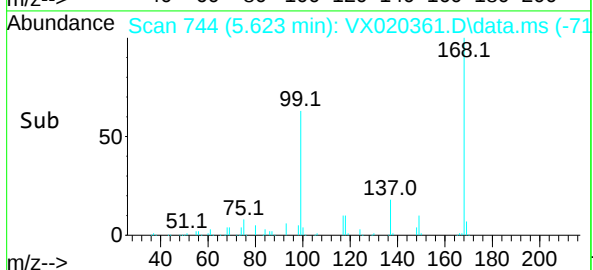
Tgt Ion:113 Resp: 135381
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 20.1 16.7 25.1

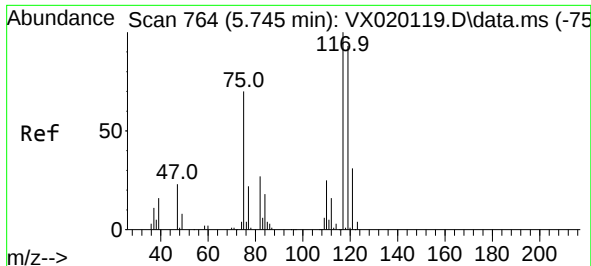


#36
1,1-Dichloropropene
Concen: 4.71 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020361.D
Acq: 24 Dec 2020 00:51



Tgt Ion: 75 Resp: 19717
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.4#
77 0.0 25.3 37.9#

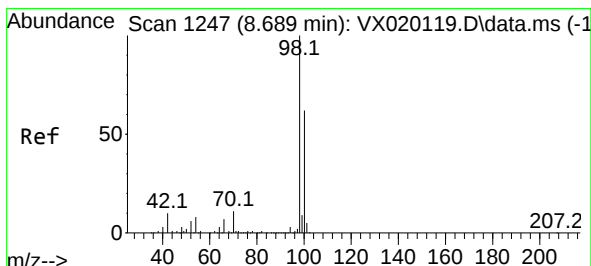
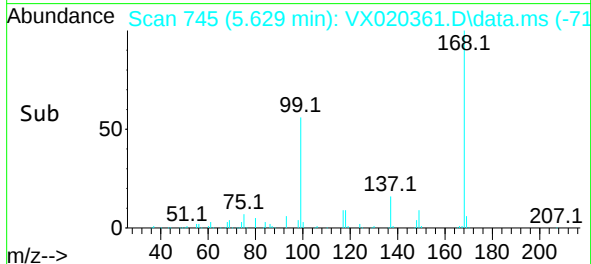
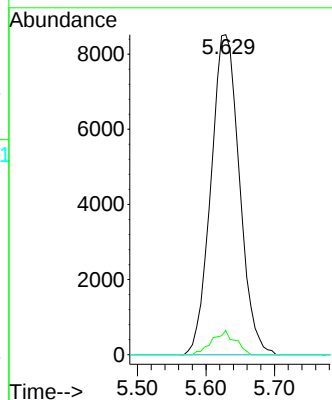
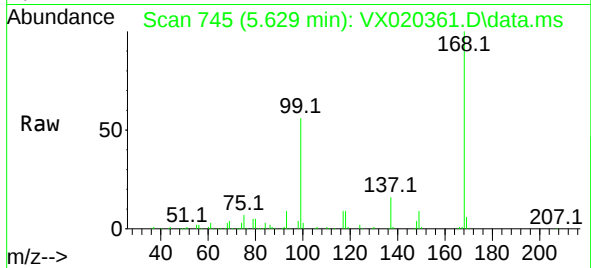




#38
Carbon Tetrachloride
Concen: 6.18 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020361.D
Acq: 24 Dec 2020 00:51

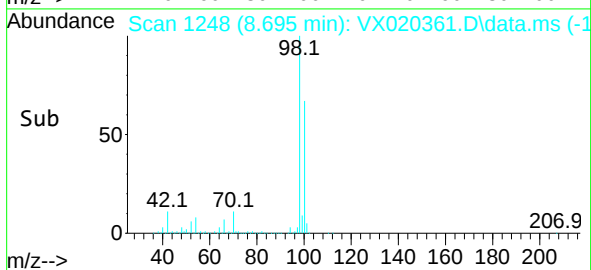
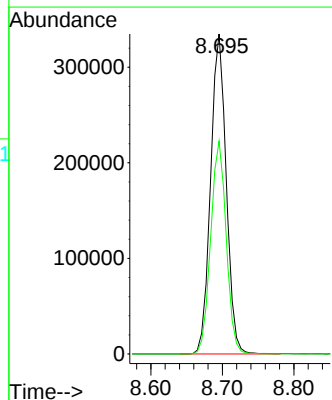
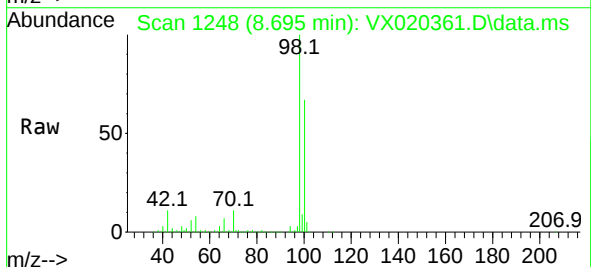
Instrument :
MSVOA_X
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49-5565(S)-121320

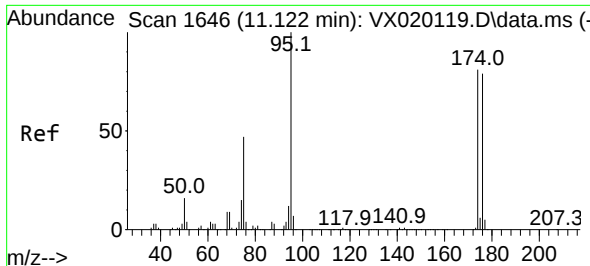
Tgt Ion:117 Resp: 24592
Ion Ratio Lower Upper
117 100
119 7.5 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.67 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020361.D
Acq: 24 Dec 2020 00:51

Tgt Ion: 98 Resp: 507119
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9

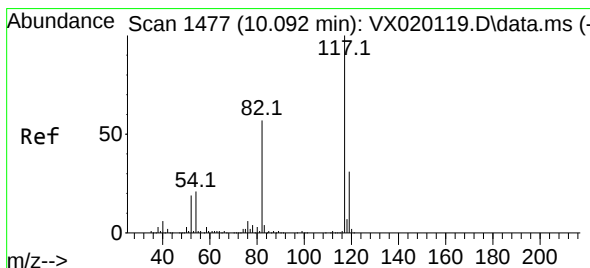
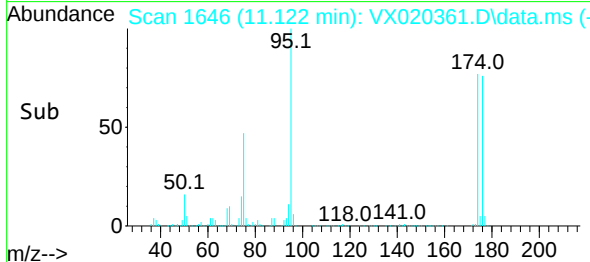
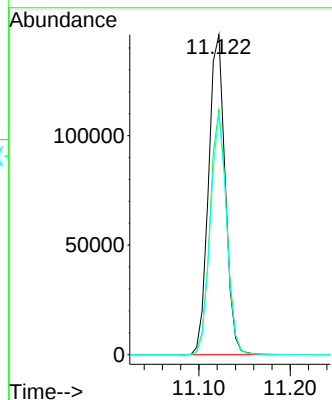
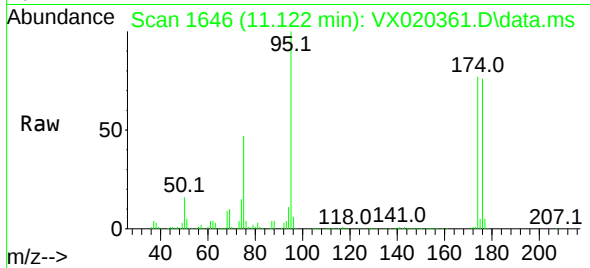




#62
4-Bromofluorobenzene
Concen: 46.07 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020361.D
Acq: 24 Dec 2020 00:51

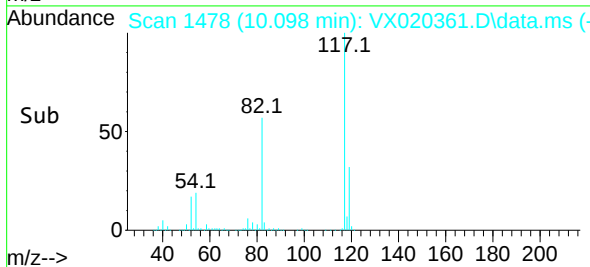
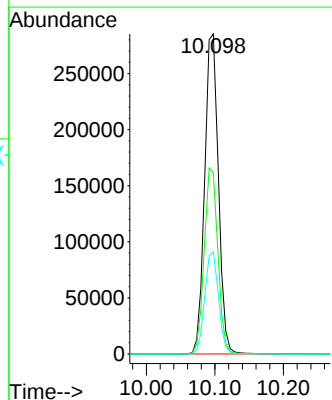
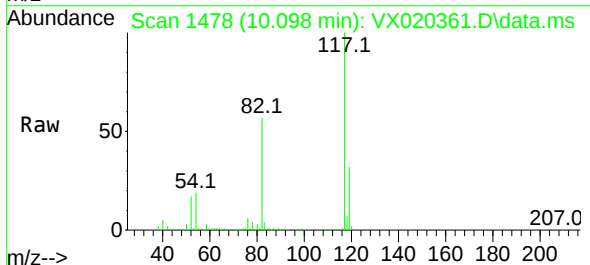
Instrument :
MSVOA_X
ClientSampleId :
49-5565(S)-121320

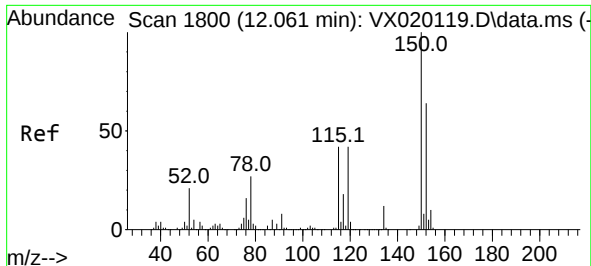
Tgt Ion: 95 Resp: 183752
Ion Ratio Lower Upper
95 100
174 76.6 0.0 154.6
176 74.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020361.D
Acq: 24 Dec 2020 00:51

Tgt Ion: 117 Resp: 399402
Ion Ratio Lower Upper
117 100
82 56.6 47.4 71.2
119 31.8 26.6 39.8

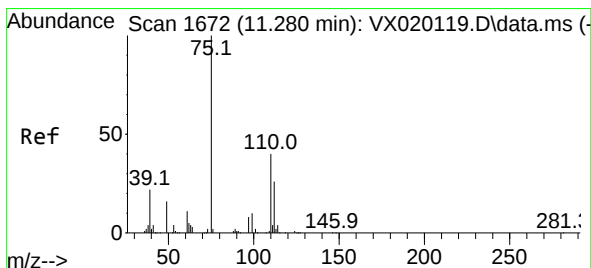
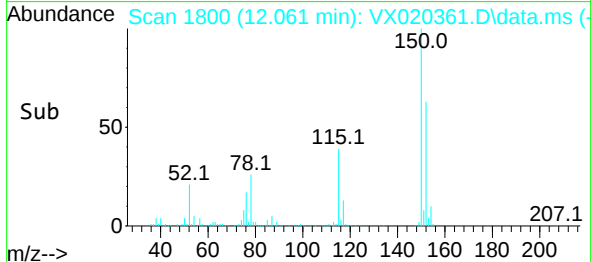
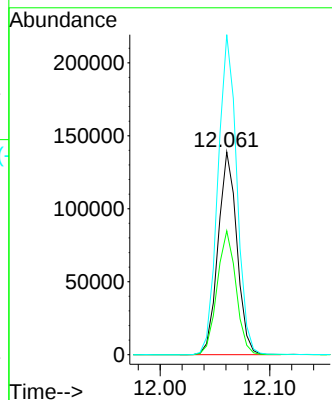
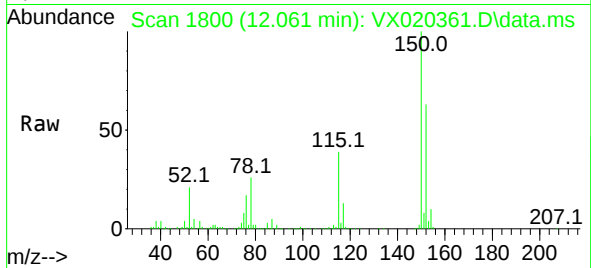




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020361.D
Acq: 24 Dec 2020 00:51

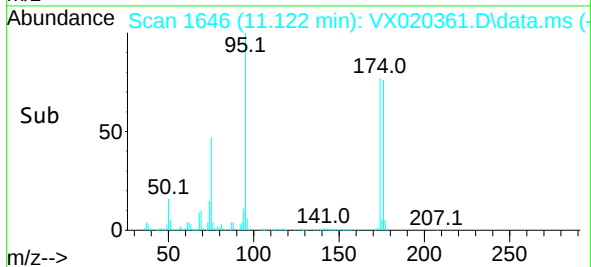
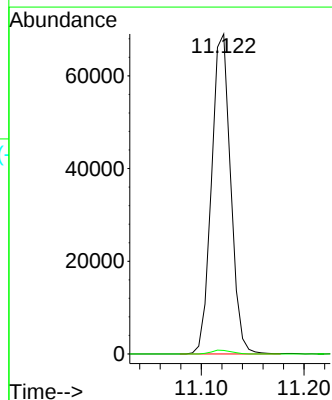
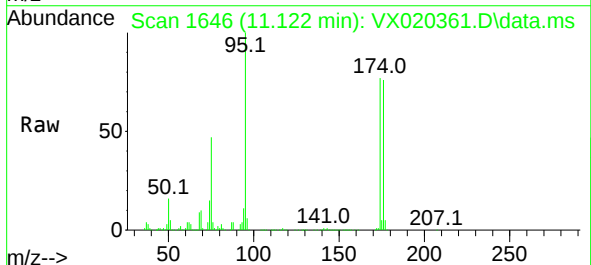
Instrument :
MSVOA_X
ClientSampleId :
49-5565(S)-121320

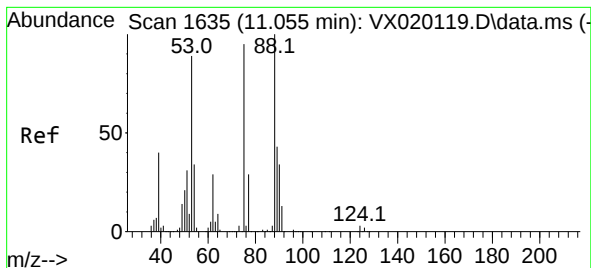
Tgt Ion:152 Resp: 165641
Ion Ratio Lower Upper
152 100
115 61.3 41.1 123.3
150 158.9 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 21.81 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020361.D
Acq: 24 Dec 2020 00:51

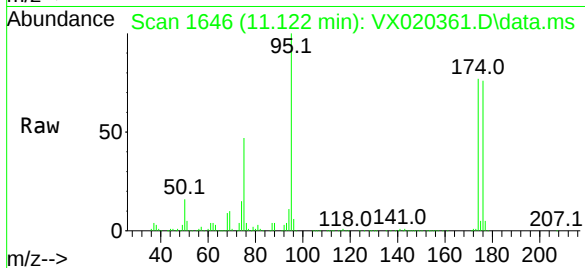
Tgt Ion: 75 Resp: 88994
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



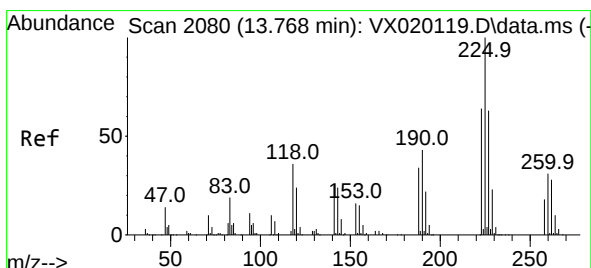
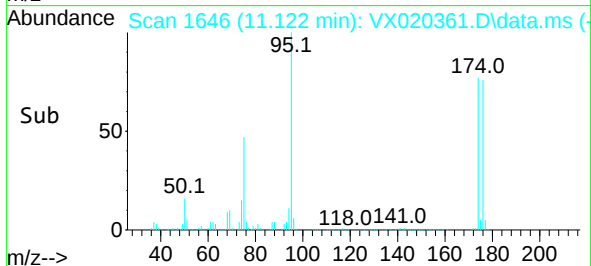
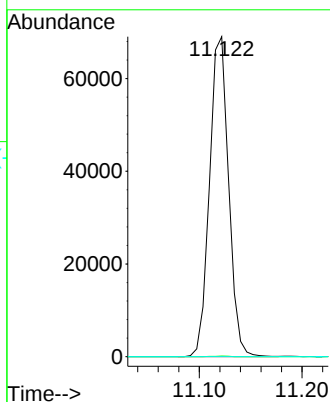


#81
trans-1,4-Dichloro-2-butene
Concen: 64.71 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020361.D
Acq: 24 Dec 2020 00:51

Instrument :
MSVOA_X
ClientSampleId :
49-5565(S)-121320



Tgt Ion: 75 Resp: 88994
Ion Ratio Lower Upper
75 100
53 0.2 74.5 111.7#
89 0.0 37.9 56.9#



#94
Hexachlorobutadiene
Concen: 2.66 ug/l
RT: 13.768 min Scan# 2080
Delta R.T. -0.000 min
Lab File: VX020361.D
Acq: 24 Dec 2020 00:51

Tgt Ion: 225 Resp: 23
Ion Ratio Lower Upper
225 100
223 0.0 31.1 93.2#
227 0.0 31.6 95.0#

