

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020225.D
 Acq On : 20 Dec 2020 13:40
 Operator : JC/MD
 Sample : L5094-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 49-5564(D)-121320

Quant Time: Dec 21 02:51:19 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)

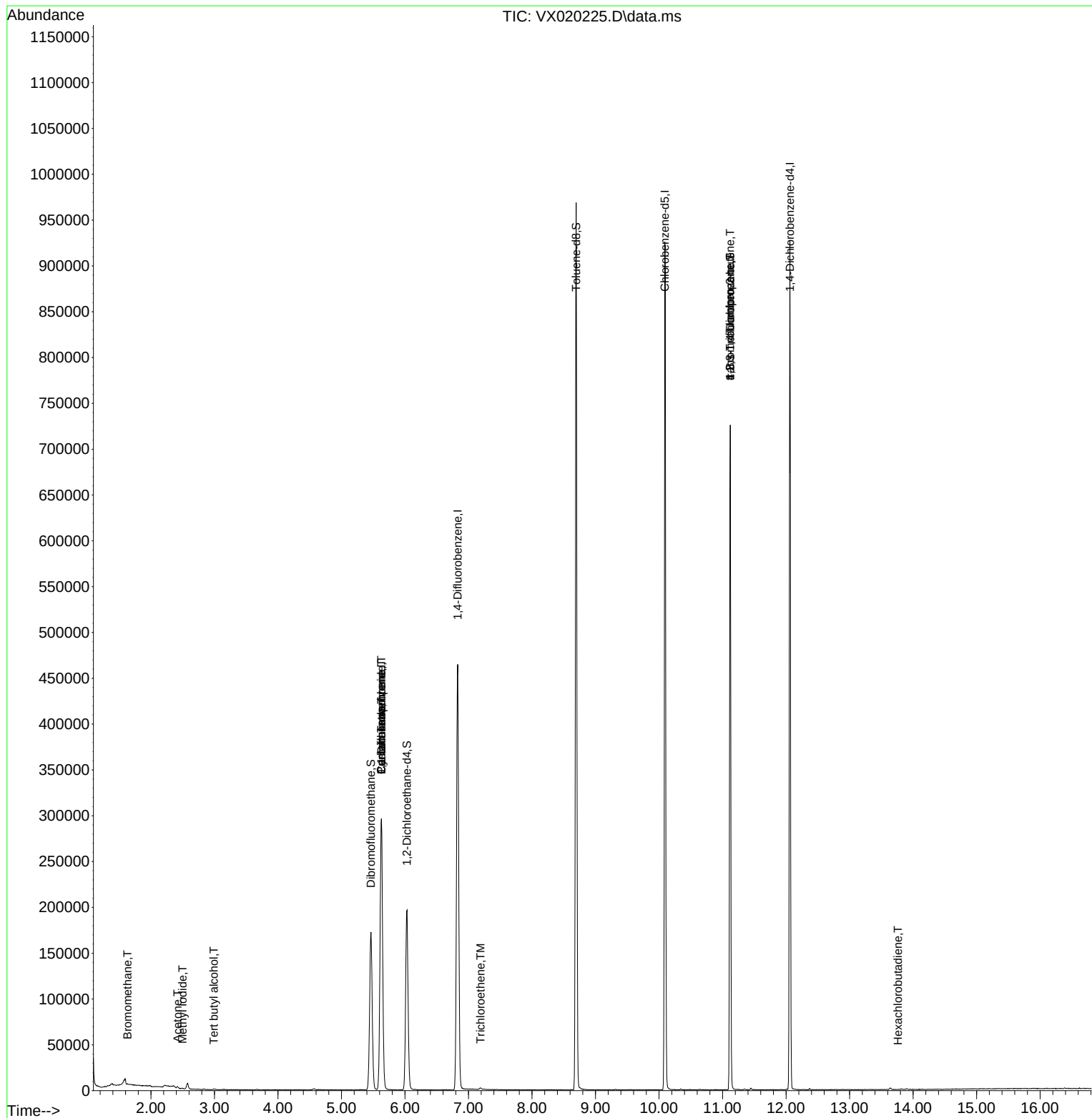
Internal Standards						
1) Pentafluorobenzene	5.629	168	287249	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	476037	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	435552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	185904	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	189469	49.21	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.42%
35) Dibromofluoromethane	5.464	113	149894	49.22	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.44%
50) Toluene-d8	8.695	98	575746	49.12	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.24%
62) 4-Bromofluorobenzene	11.122	95	198351	44.21	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	88.42%
Target Compounds						
					Qvalue	
5) Bromomethane	1.630	94	484	0.38	ug/l	95
10) Methyl Iodide	2.495	142	731	3.46	ug/l #	92
11) Tert butyl alcohol	2.989	59	751	0.87	ug/l #	73
16) Acetone	2.416	43	2409	1.37	ug/l	93
31) Cyclohexane	5.629	56	5616	1.06	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	22002	4.68	ug/l #	48
38) Carbon Tetrachloride	5.629	117	28392	6.34	ug/l #	17
44) Trichloroethene	7.190	130	794	0.21	ug/l	63
76) 1,2,3-Trichloropropane	11.122	75	95672	20.89	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	95672	61.98	ug/l #	12
94) Hexachlorobutadiene	13.762	225	88	2.69	ug/l #	19

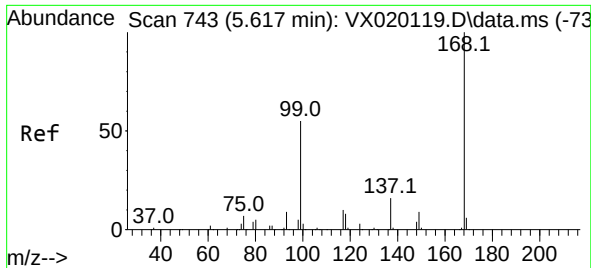
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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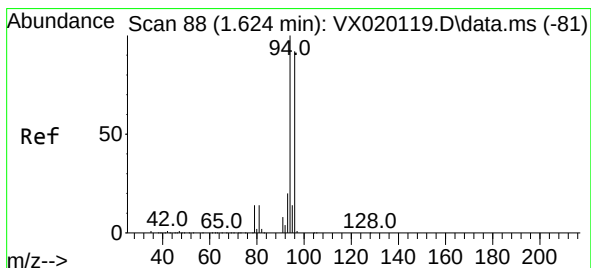
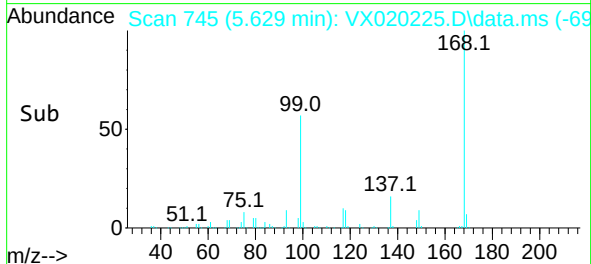
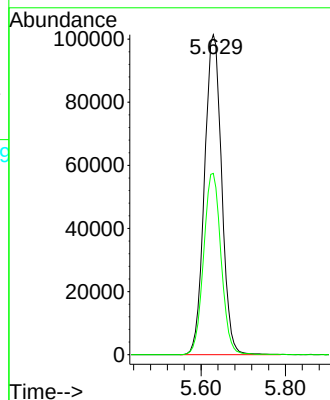
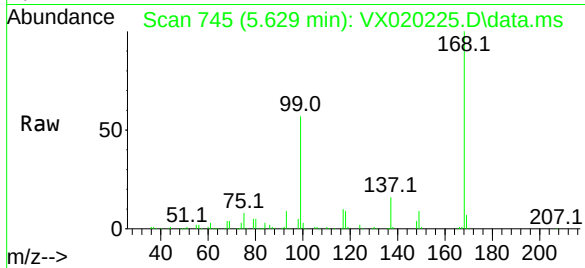




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020225.D
Acq: 20 Dec 2020 13:40

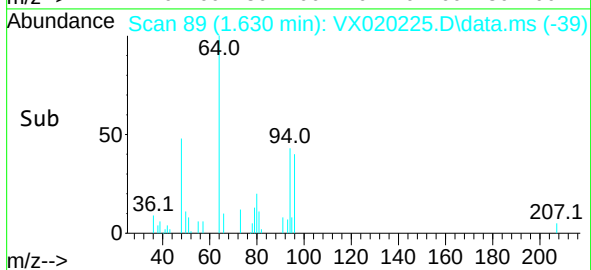
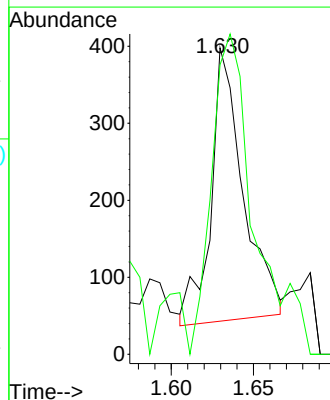
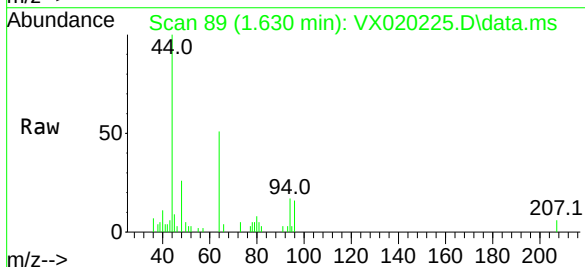
Instrument :
MSVOA_X
ClientSampleId :
49-5564(D)-121320

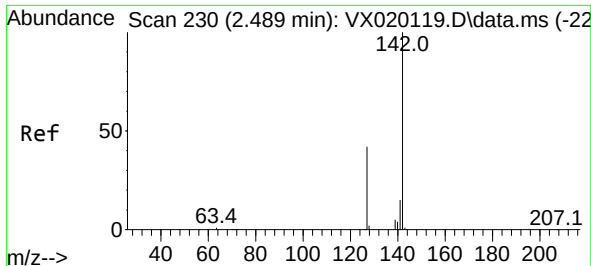
Tgt Ion:168 Resp: 287249
Ion Ratio Lower Upper
168 100
99 56.6 45.8 68.6



#5
Bromomethane
Concen: 0.38 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020225.D
Acq: 20 Dec 2020 13:40

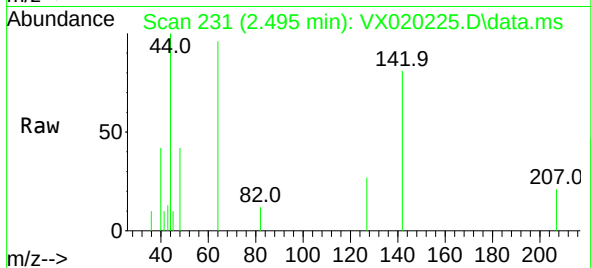
Tgt Ion: 94 Resp: 484
Ion Ratio Lower Upper
94 100
96 90.5 76.4 114.6



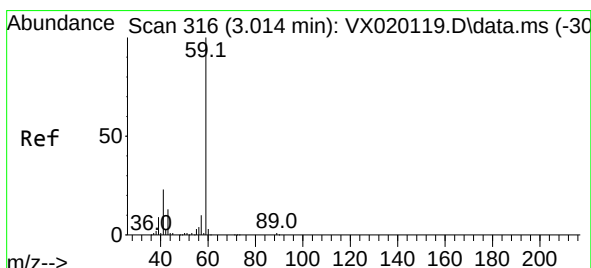
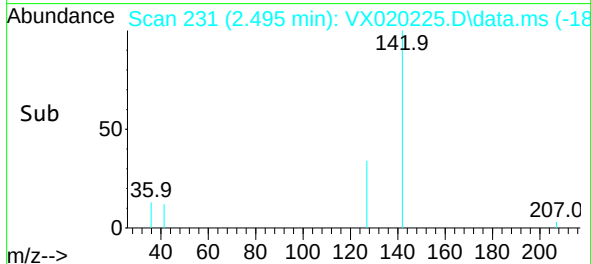
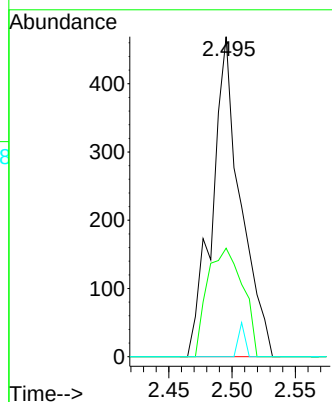


#10
Methyl Iodide
Concen: 3.46 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020225.D
Acq: 20 Dec 2020 13:40

Instrument :
MSVOA_X
ClientSampleId :
49-5564(D)-121320

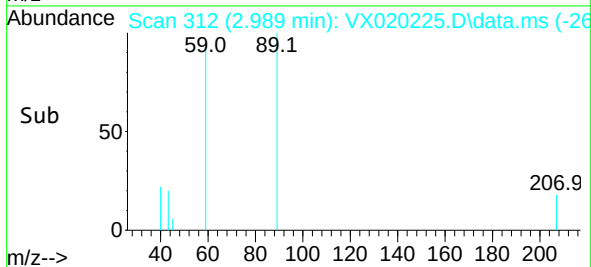
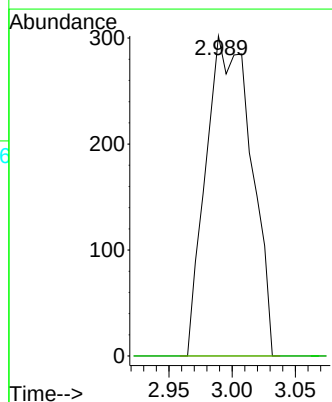
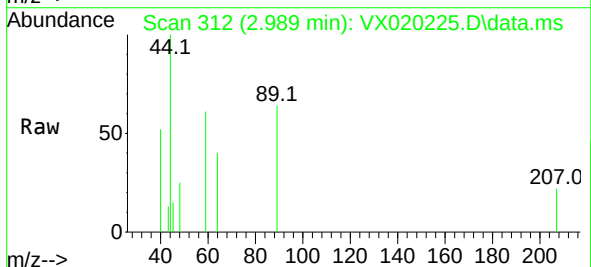


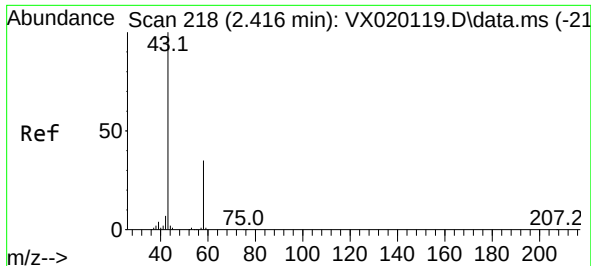
Tgt Ion:142 Resp: 731
Ion Ratio Lower Upper
142 100
127 42.3 33.3 49.9
141 2.5 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.87 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020225.D
Acq: 20 Dec 2020 13:40

Tgt Ion: 59 Resp: 751
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

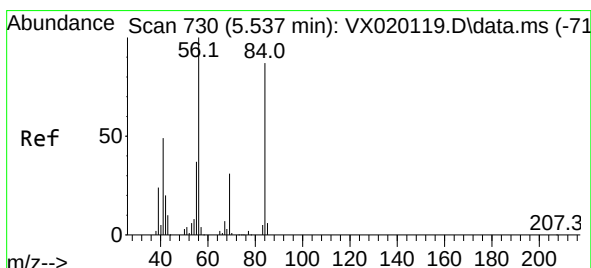
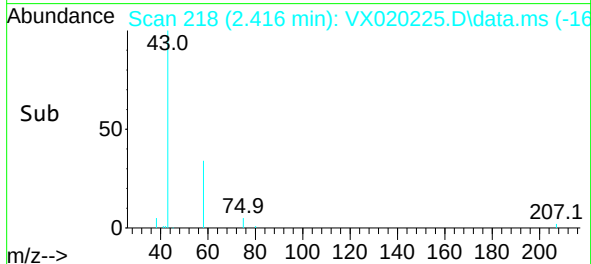
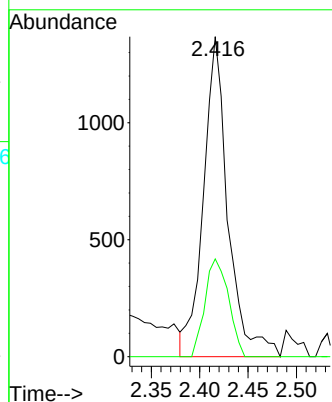
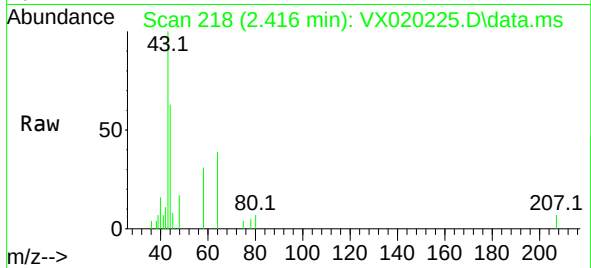




#16
Acetone
Concen: 1.37 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020225.D
Acq: 20 Dec 2020 13:40

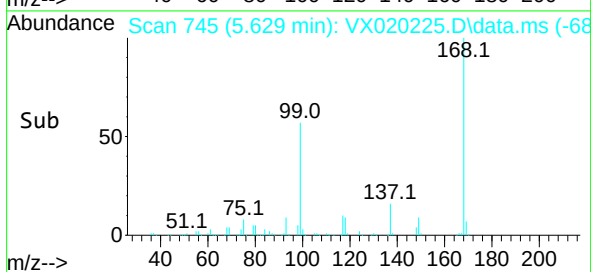
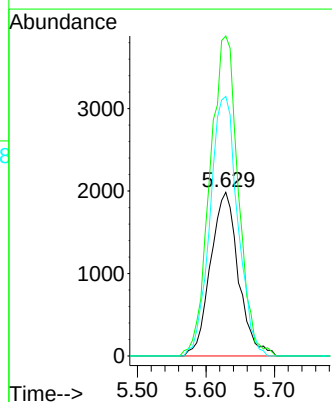
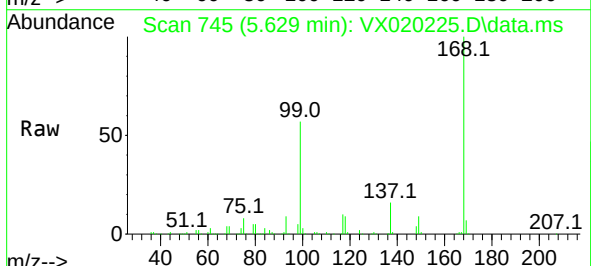
Instrument :
MSVOA_X
ClientSampleId :
49-5564(D)-121320

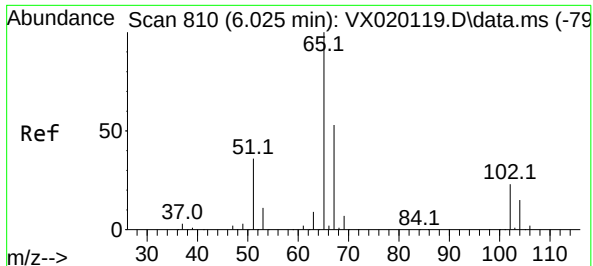
Tgt Ion: 43 Resp: 2409
Ion Ratio Lower Upper
43 100
58 30.6 27.8 41.8



#31
Cyclohexane
Concen: 1.06 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.092 min
Lab File: VX020225.D
Acq: 20 Dec 2020 13:40

Tgt Ion: 56 Resp: 5616
Ion Ratio Lower Upper
56 100
69 195.4 25.3 37.9#
84 158.5 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 49.21 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020225.D

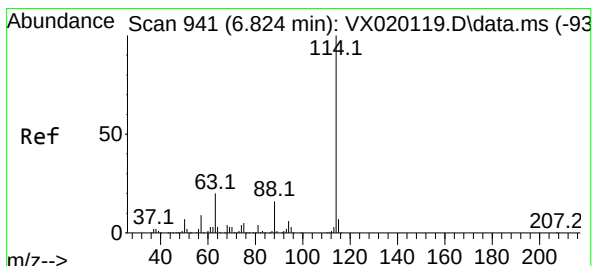
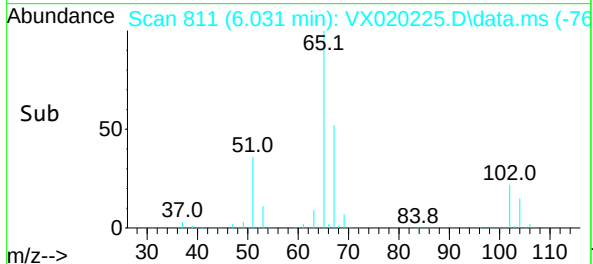
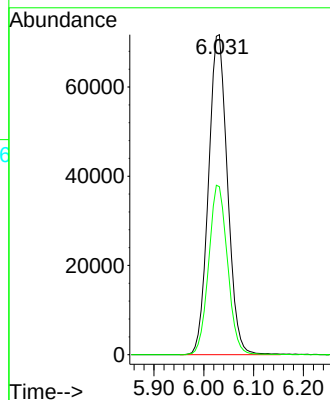
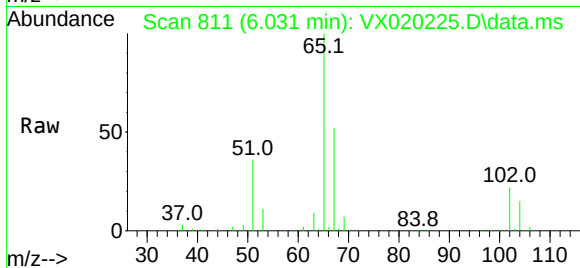
Acq: 20 Dec 2020 13:40

Tgt Ion: 65 Resp: 189469

Ion Ratio Lower Upper

65 100

67 52.7 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: VX020225.D

Acq: 20 Dec 2020 13:40

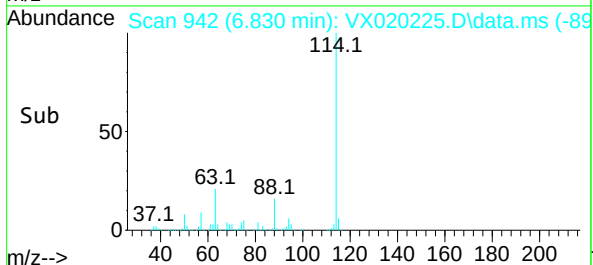
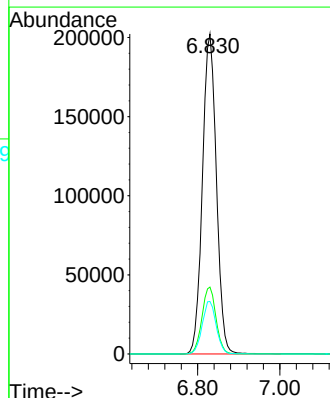
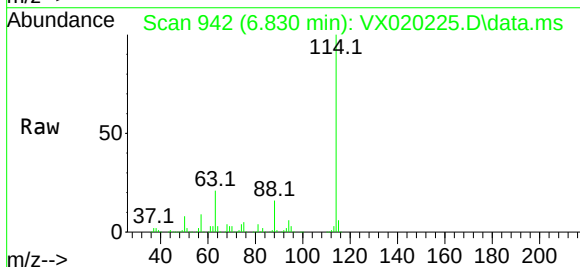
Tgt Ion: 114 Resp: 476037

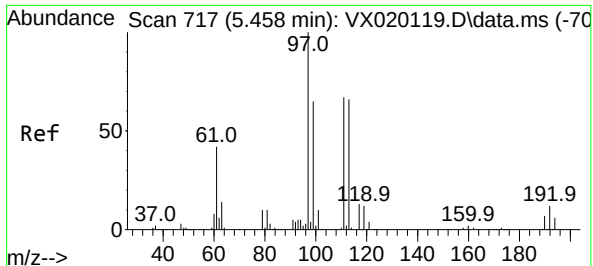
Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.8

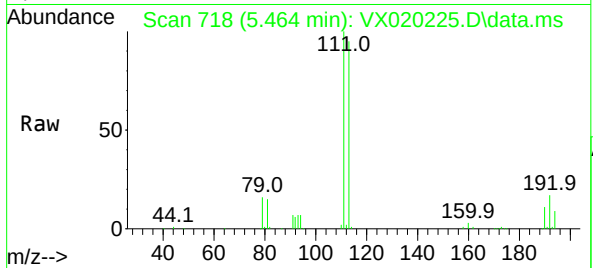
88 16.4 0.0 32.8



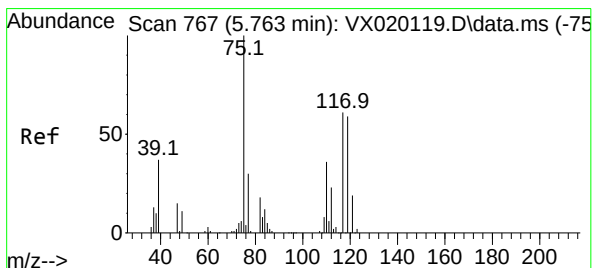
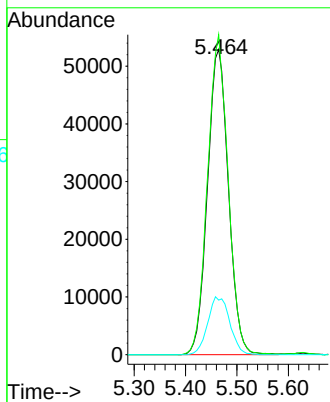
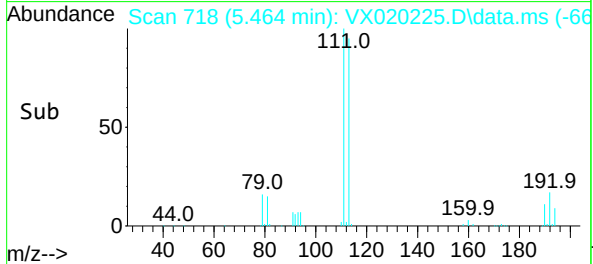


#35
Dibromofluoromethane
Concen: 49.22 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020225.D
Acq: 20 Dec 2020 13:40

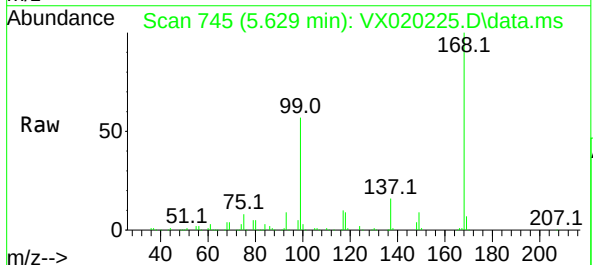
Instrument :
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ClientSampleId :
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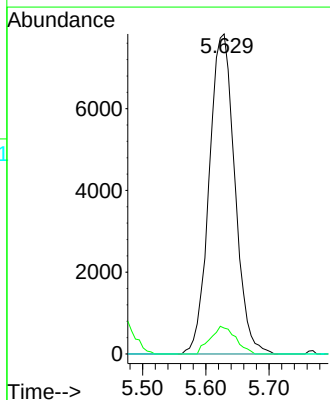
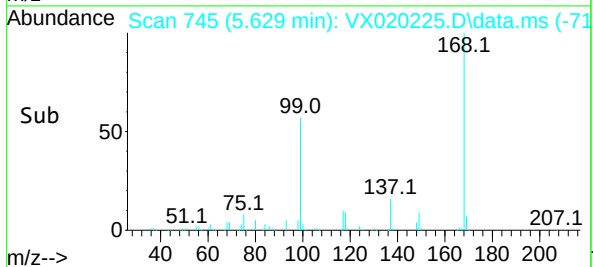
Tgt Ion:113 Resp: 149894
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 19.9 16.7 25.1

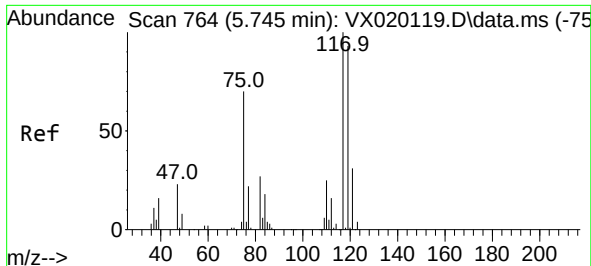


#36
1,1-Dichloropropene
Concen: 4.68 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020225.D
Acq: 20 Dec 2020 13:40



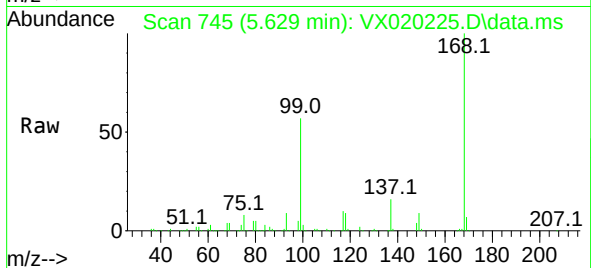
Tgt Ion: 75 Resp: 22002
Ion Ratio Lower Upper
75 100
110 8.6 18.1 54.4#
77 0.0 25.3 37.9#



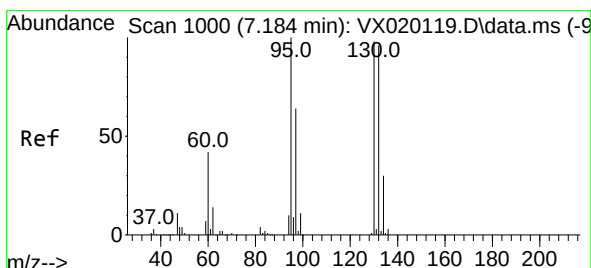
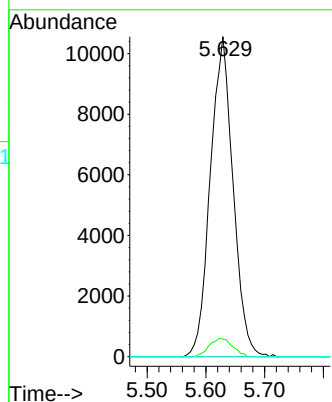
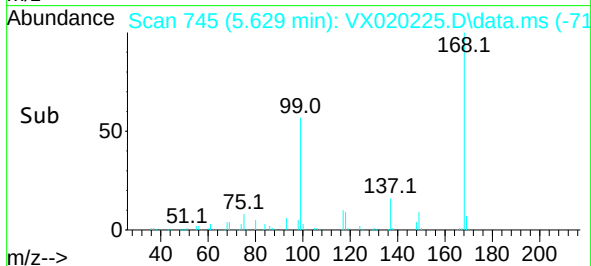


#38
Carbon Tetrachloride
Concen: 6.34 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020225.D
Acq: 20 Dec 2020 13:40

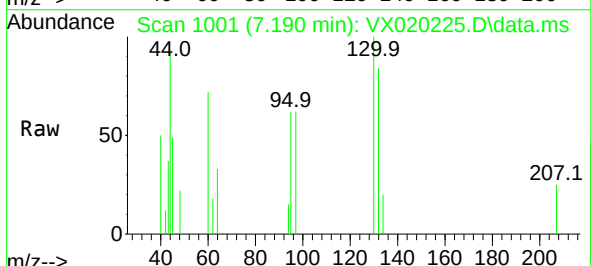
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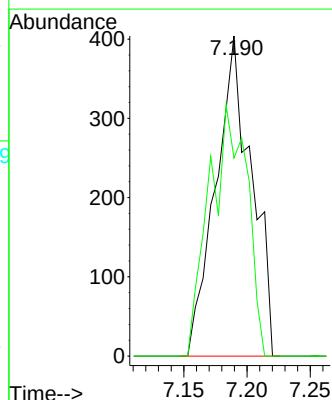
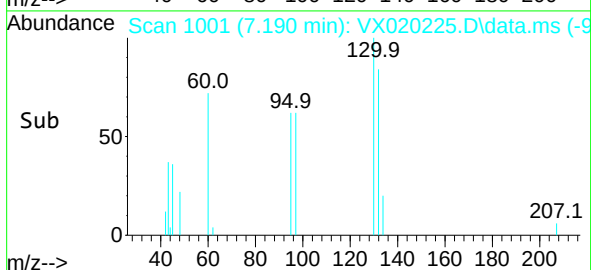
Tgt Ion:117 Resp: 28392
Ion Ratio Lower Upper
117 100
119 5.5 76.2 114.2#
121 0.0 24.8 37.2#

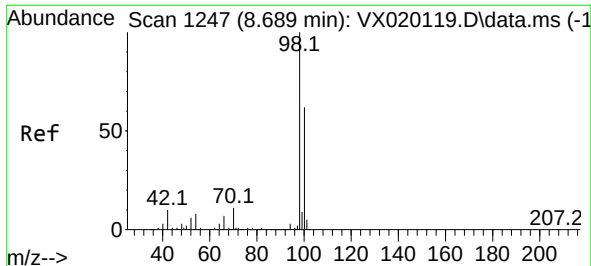


#44
Trichloroethene
Concen: 0.21 ug/l
RT: 7.190 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VX020225.D
Acq: 20 Dec 2020 13:40



Tgt Ion:130 Resp: 794
Ion Ratio Lower Upper
130 100
95 61.9 0.0 198.0

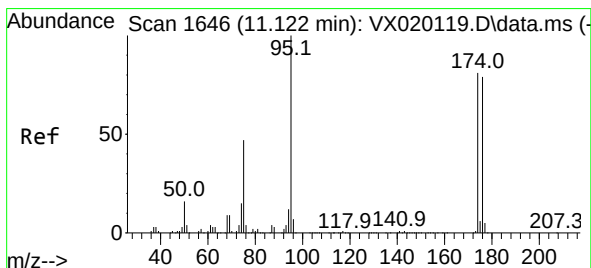
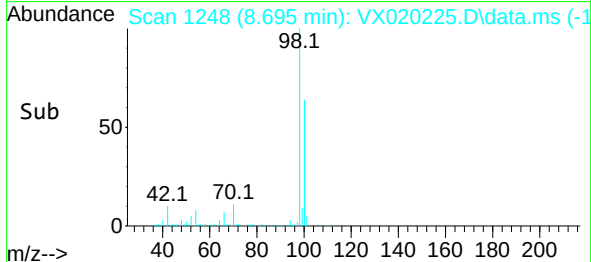
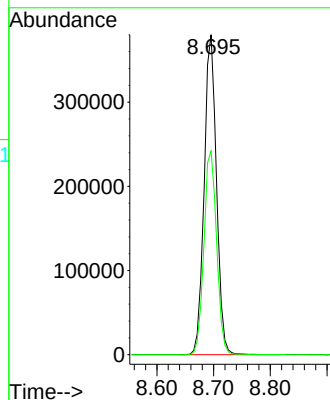
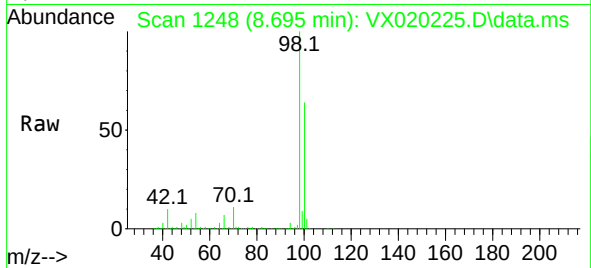




#50
Toluene-d8
Concen: 49.12 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020225.D
Acq: 20 Dec 2020 13:40

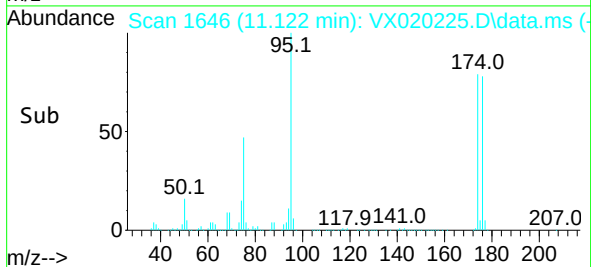
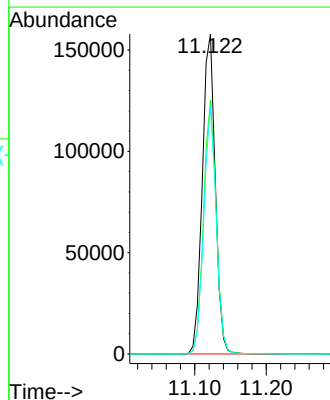
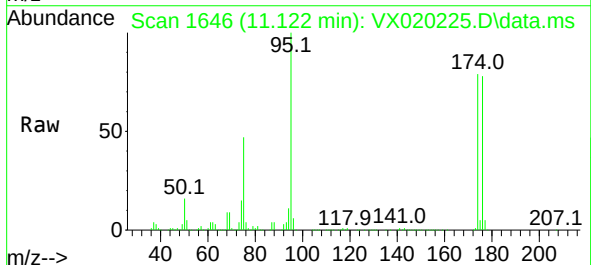
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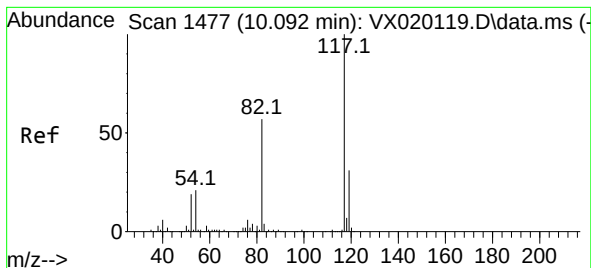
Tgt Ion: 98 Resp: 575746
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 44.21 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020225.D
Acq: 20 Dec 2020 13:40

Tgt Ion: 95 Resp: 198351
Ion Ratio Lower Upper
95 100
174 78.1 0.0 154.6
176 74.7 0.0 155.8

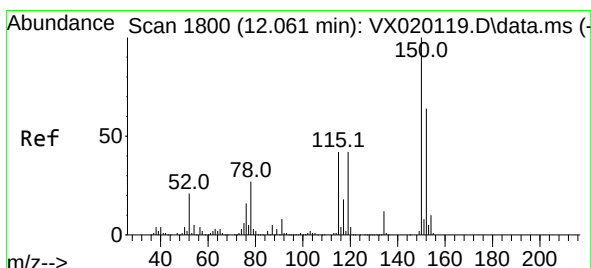
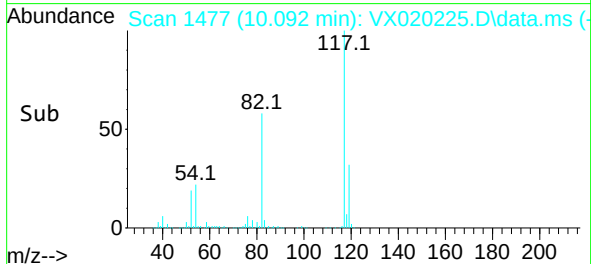
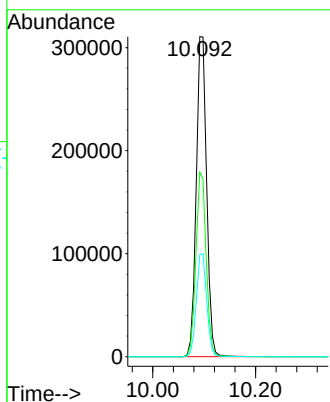
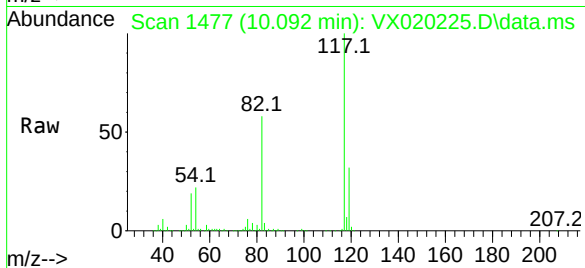




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020225.D
Acq: 20 Dec 2020 13:40

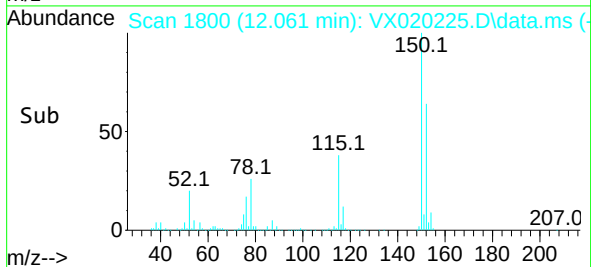
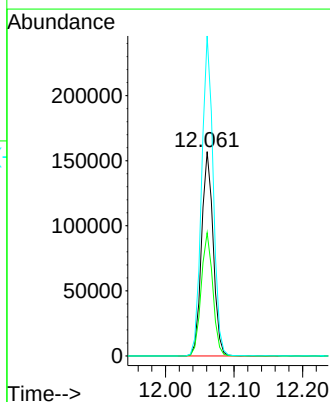
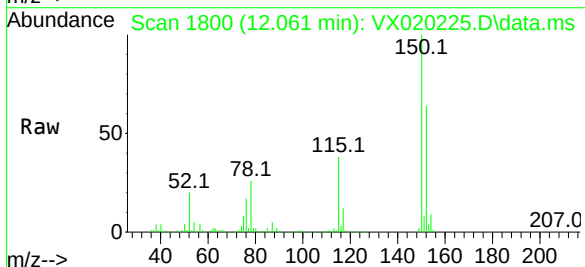
Instrument :
MSVOA_X
ClientSampleId :
49-5564(D)-121320

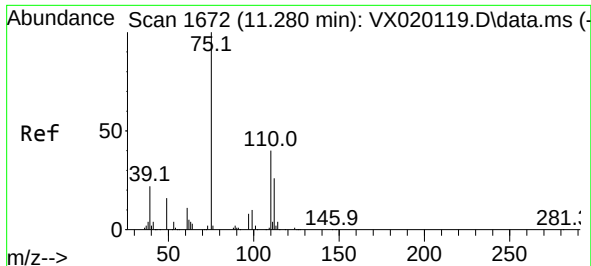
Tgt Ion:117 Resp: 435552
Ion Ratio Lower Upper
117 100
82 57.6 47.4 71.2
119 31.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020225.D
Acq: 20 Dec 2020 13:40

Tgt Ion:152 Resp: 185904
Ion Ratio Lower Upper
152 100
115 60.4 41.1 123.3
150 155.1 0.0 349.0

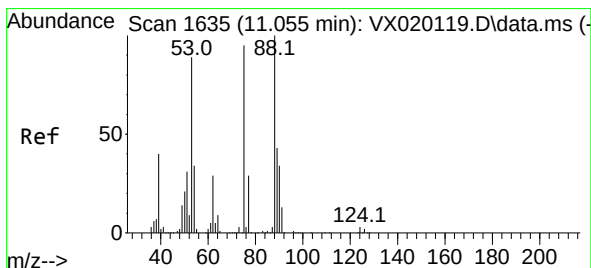
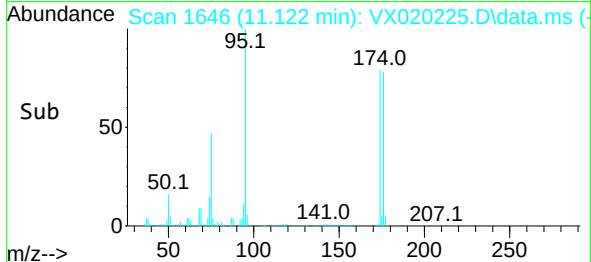
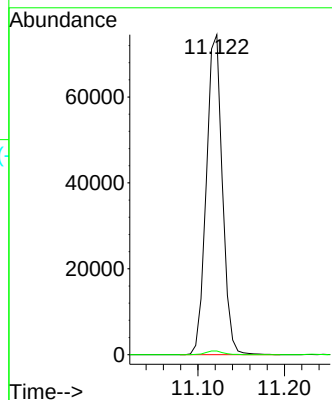
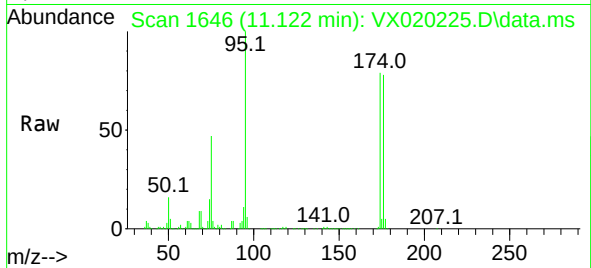




#76
1,2,3-Trichloropropane
Concen: 20.89 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020225.D
Acq: 20 Dec 2020 13:40

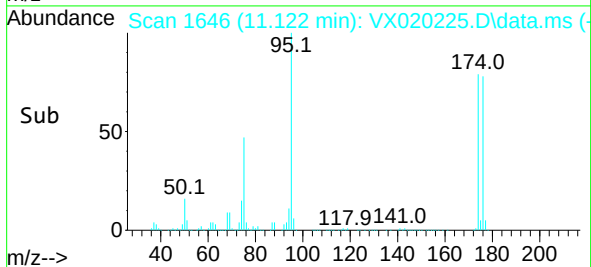
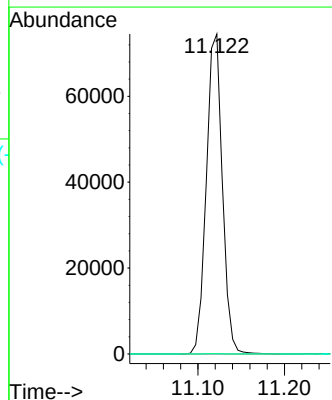
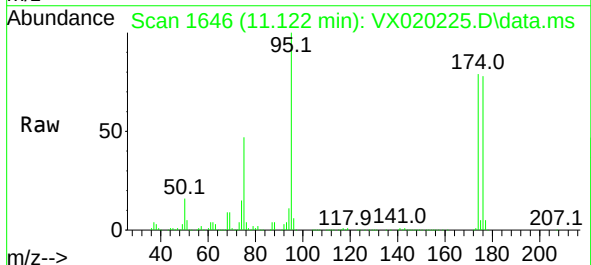
Instrument :
MSVOA_X
ClientSampleId :
49-5564(D)-121320

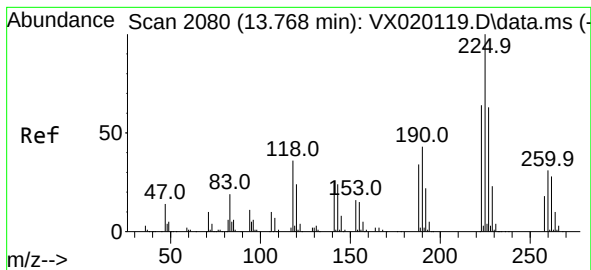
Tgt Ion: 75 Resp: 95672
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.98 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020225.D
Acq: 20 Dec 2020 13:40

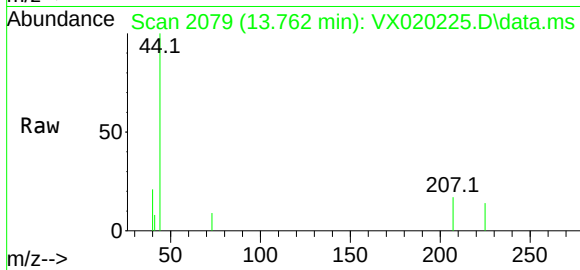
Tgt Ion: 75 Resp: 95672
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#





#94
 Hexachlorobutadiene
 Concen: 2.69 ug/l
 RT: 13.762 min Scan# 2079
 Delta R.T. -0.006 min
 Lab File: VX020225.D
 Acq: 20 Dec 2020 13:40

Instrument :
 MSVOA_X
 ClientSampleId :
 49-5564(D)-121320



Tgt Ion:225 Resp: 88
 Ion Ratio Lower Upper
 225 100
 223 0.0 31.1 93.2#
 227 0.0 31.6 95.0#

