

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122920\
 Data File : VX020430.D
 Acq On : 29 Dec 2020 13:35
 Operator : JC/MD
 Sample : L5236-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1017-MW-03A(17)

Quant Time: Dec 30 02:36:20 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)

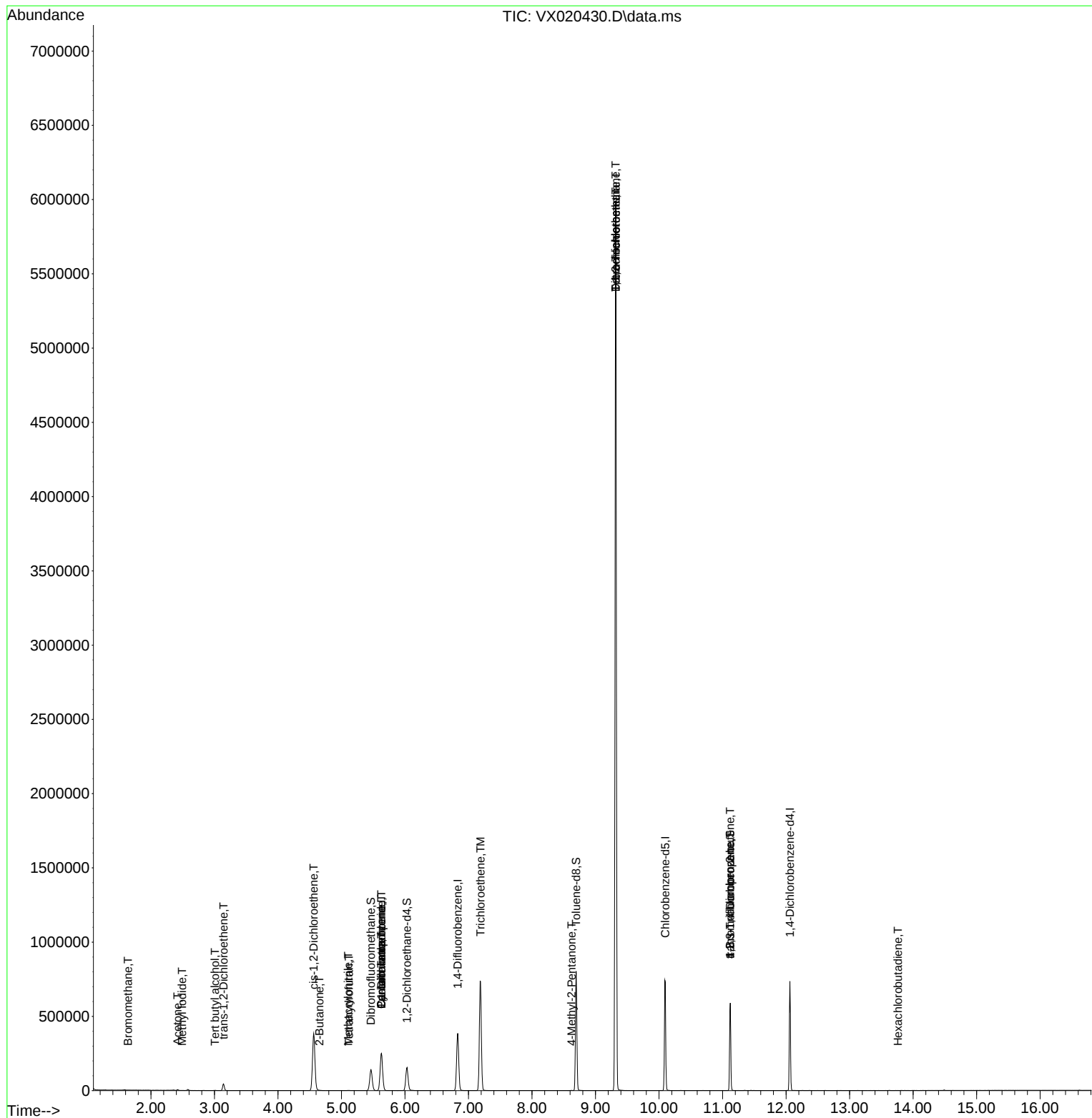
Internal Standards						
1) Pentafluorobenzene	5.629	168	243439	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	398227	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	364995	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	152677	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	144456	44.27	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	88.54%		
35) Dibromofluoromethane	5.465	113	123425	48.45	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.90%		
50) Toluene-d8	8.696	98	478533	48.80	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.60%		
62) 4-Bromofluorobenzene	11.122	95	166162	44.27	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	88.54%		
Target Compounds					Qvalue	
5) Bromomethane	1.636	94	492	0.46	ug/l	97
10) Methyl Iodide	2.489	142	697	3.48	ug/l #	83
11) Tert butyl alcohol	3.008	59	1695	2.32	ug/l #	90
16) Acetone	2.416	43	5691	3.82	ug/l	98
21) trans-1,2-Dichloroethene	3.142	96	19519	6.47	ug/l	98
25) 2-Butanone	4.654	43	1107	0.51	ug/l	98
27) cis-1,2-Dichloroethene	4.562	96	253829	74.53	ug/l	90
29) Tetrahydrofuran	5.117	42	1050	0.77	ug/l #	66
31) Cyclohexane	5.629	56	4416	0.98	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	17919	4.55	ug/l #	48
38) Carbon Tetrachloride	5.629	117	23783	6.35	ug/l #	16
41) Methacrylonitrile	5.105	41	493	0.23	ug/l #	40
44) Trichloroethene	7.190	130	295527	93.32	ug/l	99
51) 4-Methyl-2-Pentanone	8.622	43	807	0.20	ug/l #	83
55) 1,1,2-Trichloroethane	9.317	97	9345	3.03	ug/l #	1
60) Dibromochloromethane	9.317	129	1124550	367.53	ug/l #	11
64) Tetrachloroethene	9.317	164	1174623	427.12	ug/l	95
76) 1,2,3-Trichloropropane	11.122	75	77142	20.51	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	77142	60.85	ug/l #	12
94) Hexachlorobutadiene	13.762	225	52	2.68	ug/l #	19

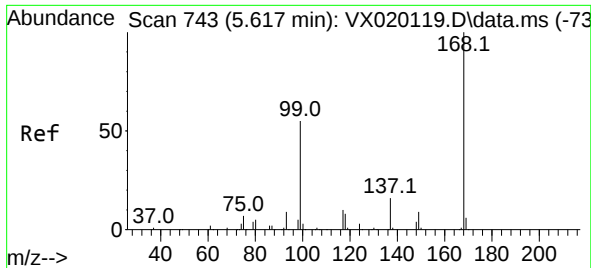
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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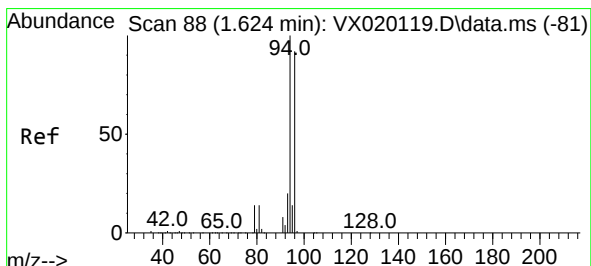
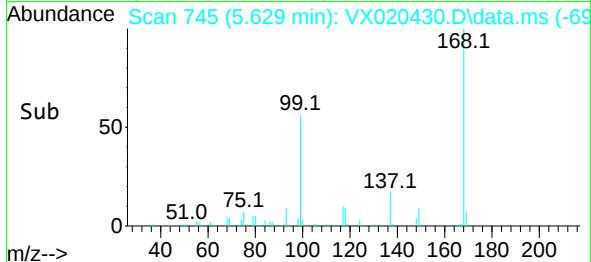
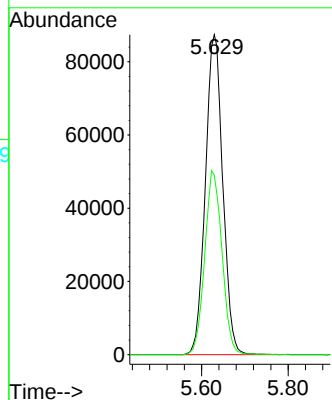
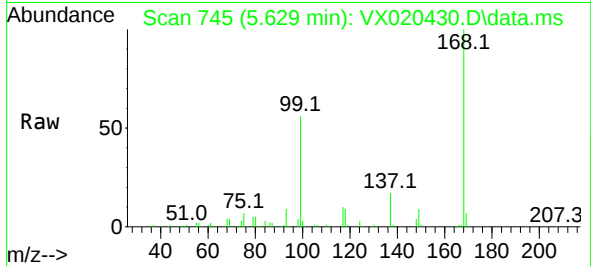




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020430.D
Acq: 29 Dec 2020 13:35

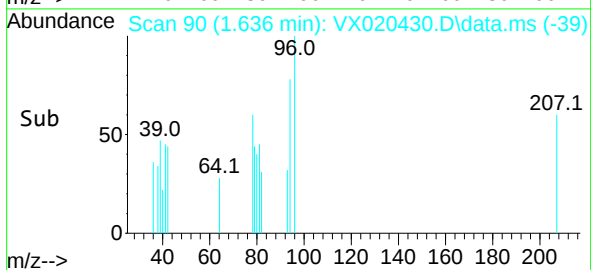
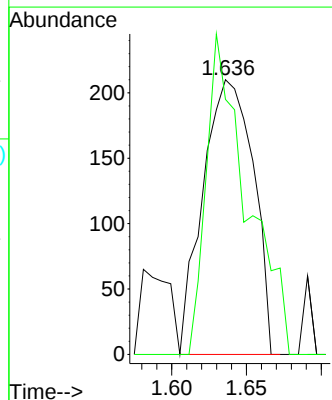
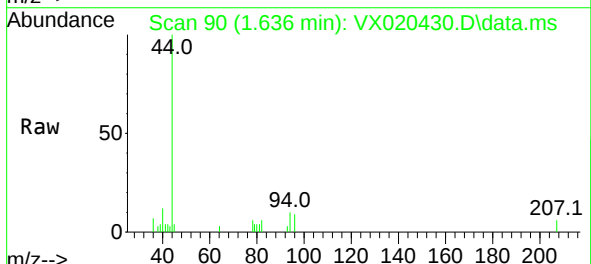
Instrument :
MSVOA_X
ClientSampleId :
1017-MW-03A(17)

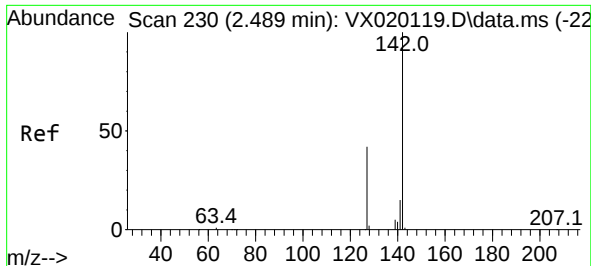
Tgt Ion:168 Resp: 243439
Ion Ratio Lower Upper
168 100
99 56.1 45.8 68.6



#5
Bromomethane
Concen: 0.46 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020430.D
Acq: 29 Dec 2020 13:35

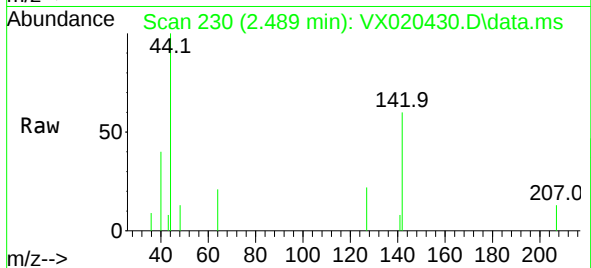
Tgt Ion: 94 Resp: 492
Ion Ratio Lower Upper
94 100
96 92.9 76.4 114.6



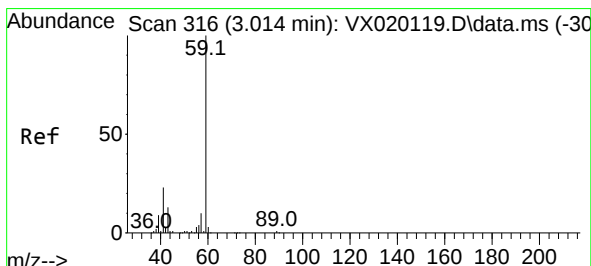
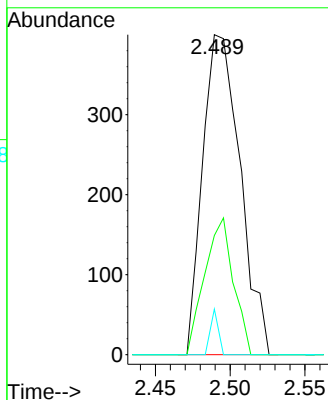
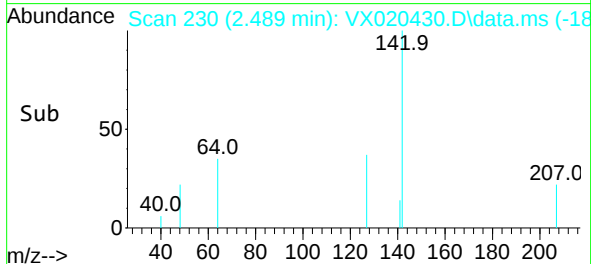


#10
Methyl Iodide
Concen: 3.48 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020430.D
Acq: 29 Dec 2020 13:35

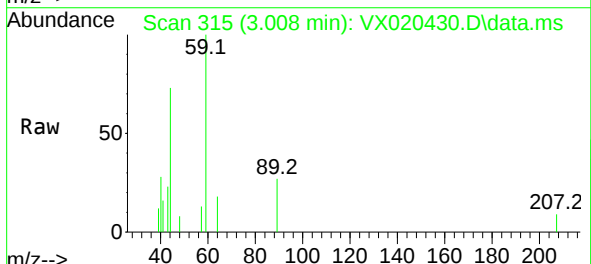
Instrument :
MSVOA_X
ClientSampleId :
1017-MW-03A(17)



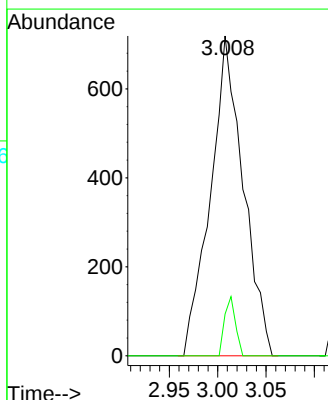
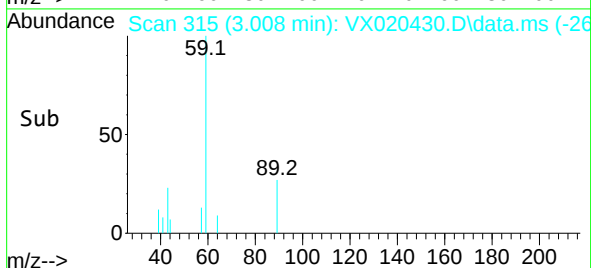
Tgt Ion:142 Resp: 697
Ion Ratio Lower Upper
142 100
127 32.7 33.3 49.9#
141 3.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 2.32 ug/l
RT: 3.008 min Scan# 315
Delta R.T. -0.006 min
Lab File: VX020430.D
Acq: 29 Dec 2020 13:35



Tgt Ion: 59 Resp: 1695
Ion Ratio Lower Upper
59 100
57 6.1 7.8 11.8#

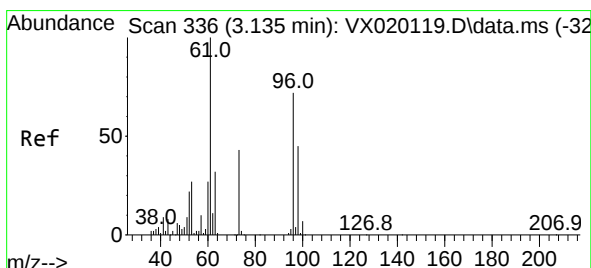
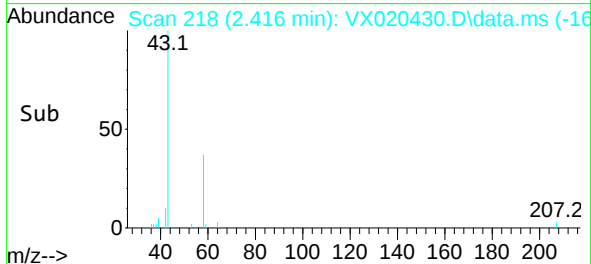
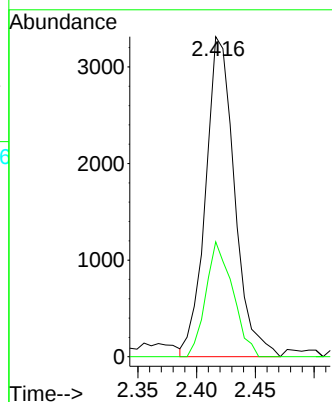
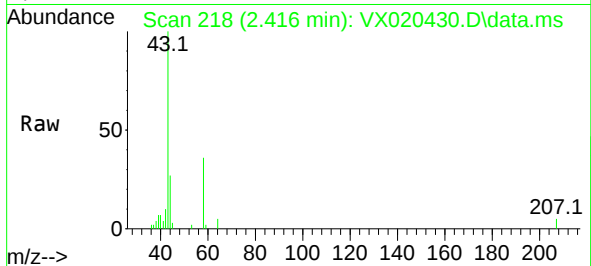




#16
Acetone
Concen: 3.82 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020430.D
Acq: 29 Dec 2020 13:35

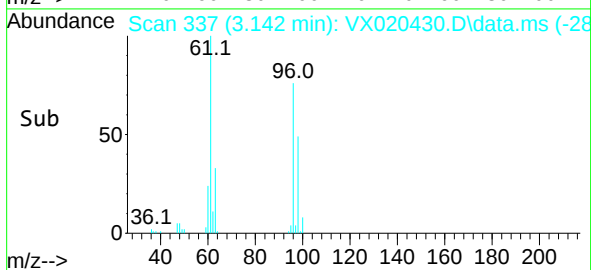
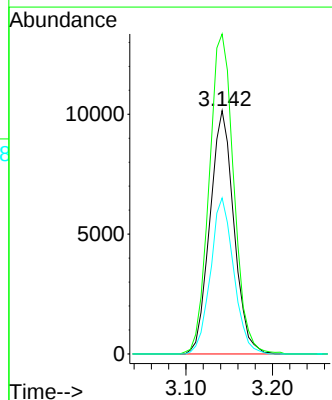
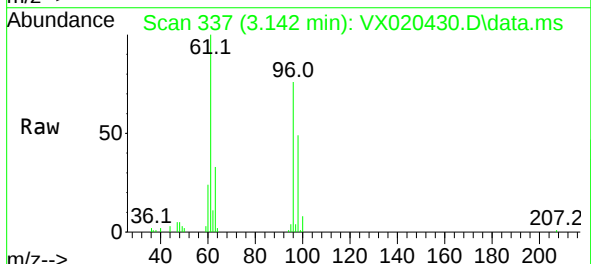
Instrument :
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1017-MW-03A(17)

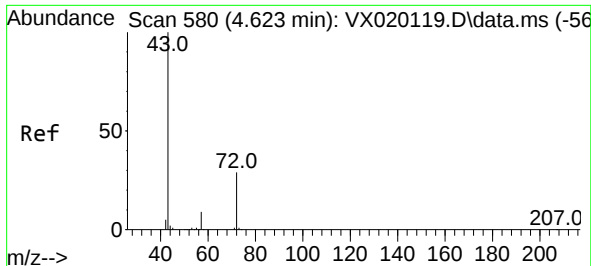
Tgt Ion: 43 Resp: 5691
Ion Ratio Lower Upper
43 100
58 35.9 27.8 41.8



#21
trans-1,2-Dichloroethene
Concen: 6.47 ug/l
RT: 3.142 min Scan# 337
Delta R.T. 0.007 min
Lab File: VX020430.D
Acq: 29 Dec 2020 13:35

Tgt Ion: 96 Resp: 19519
Ion Ratio Lower Upper
96 100
61 131.5 107.7 161.5
98 64.1 50.4 75.6

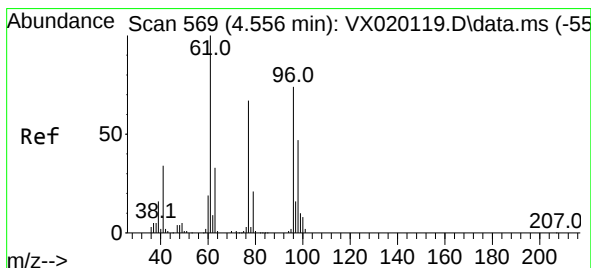
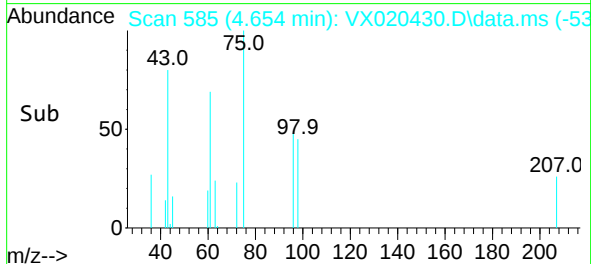
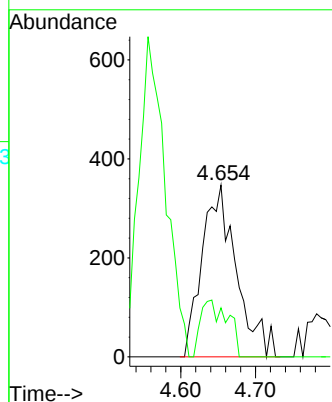
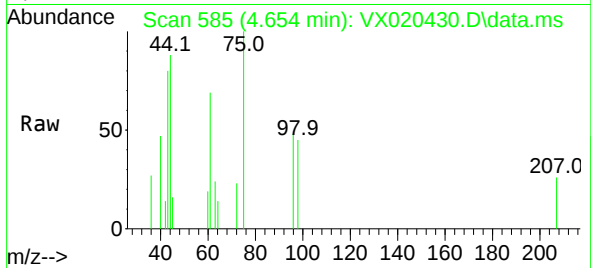




#25
2-Butanone
Concen: 0.51 ug/l
RT: 4.654 min Scan# 585
Delta R.T. 0.031 min
Lab File: VX020430.D
Acq: 29 Dec 2020 13:35

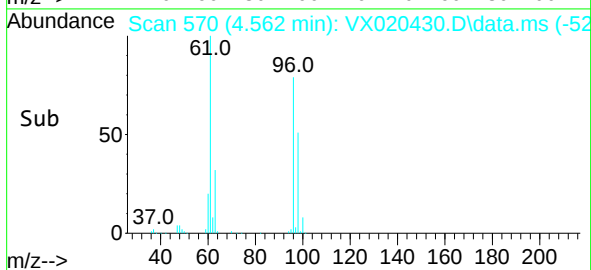
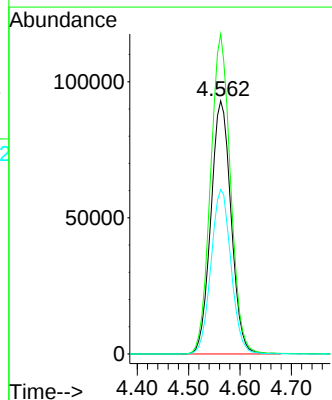
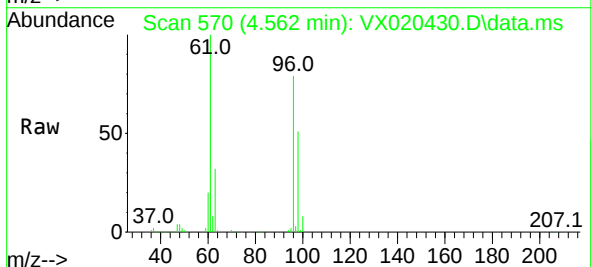
Instrument :
MSVOA_X
ClientSampleId :
1017-MW-03A(17)

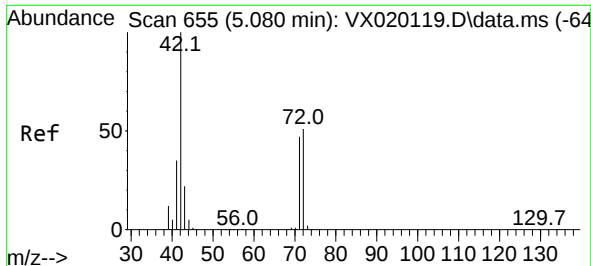
Tgt Ion: 43 Resp: 1107
Ion Ratio Lower Upper
43 100
72 28.5 23.7 35.5



#27
cis-1,2-Dichloroethene
Concen: 74.53 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX020430.D
Acq: 29 Dec 2020 13:35

Tgt Ion: 96 Resp: 253829
Ion Ratio Lower Upper
96 100
61 125.0 0.0 285.6
98 64.6 0.0 129.6





#29

Tetrahydrofuran

Concen: 0.77 ug/l

RT: 5.117 min Scan# 661

Delta R.T. 0.037 min

Lab File: VX020430.D

Acq: 29 Dec 2020 13:35

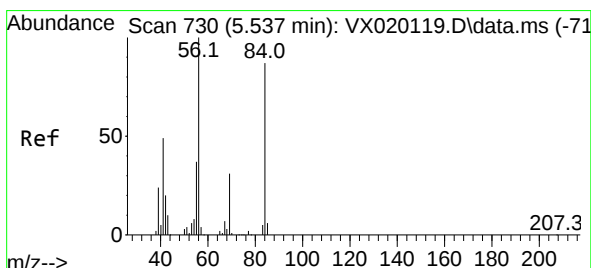
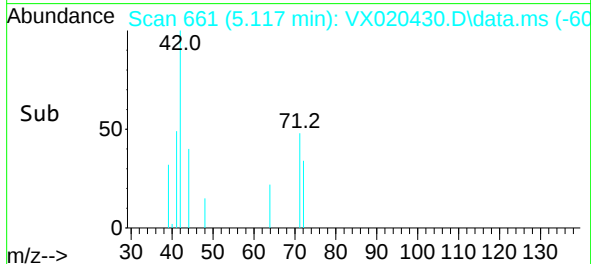
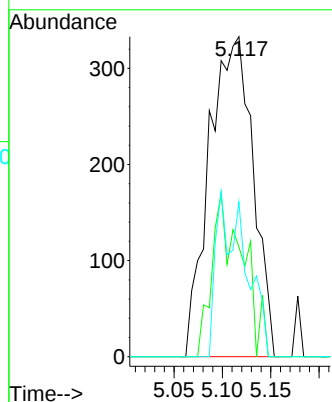
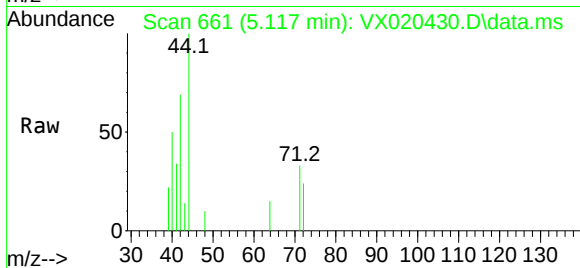
Instrument :

MSVOA_X

ClientSampleId :

1017-MW-03A(17)

Tgt Ion:	42	Resp:	1050
Ion	Ratio	Lower	Upper
42	100		
72	35.8	41.7	62.5#
71	17.7	38.4	57.6#



#31

Cyclohexane

Concen: 0.98 ug/l

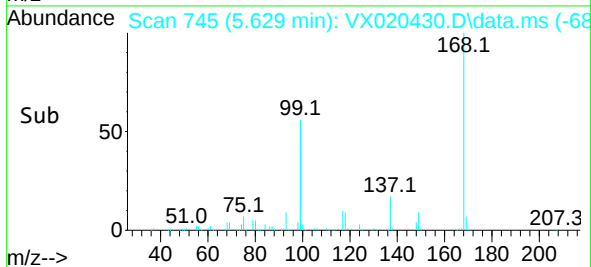
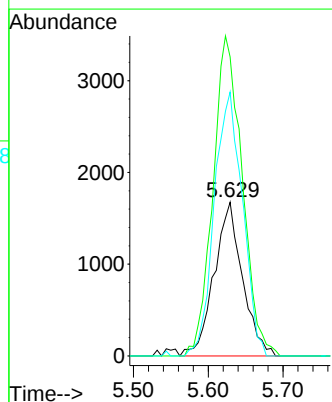
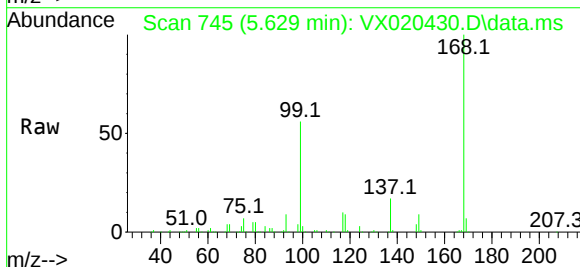
RT: 5.629 min Scan# 745

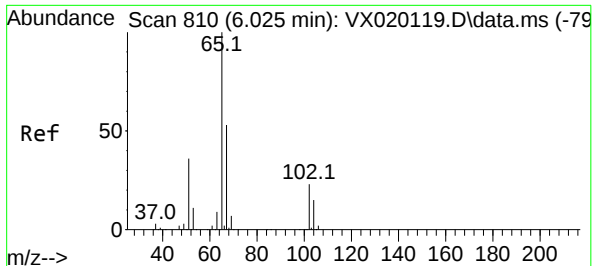
Delta R.T. 0.092 min

Lab File: VX020430.D

Acq: 29 Dec 2020 13:35

Tgt Ion:	56	Resp:	4416
Ion	Ratio	Lower	Upper
56	100		
69	194.5	25.3	37.9#
84	171.7	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 44.27 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020430.D

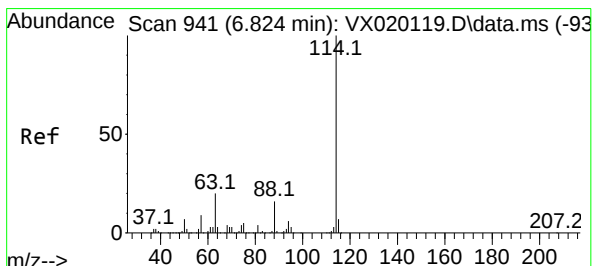
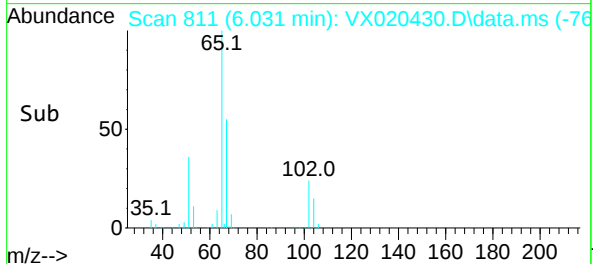
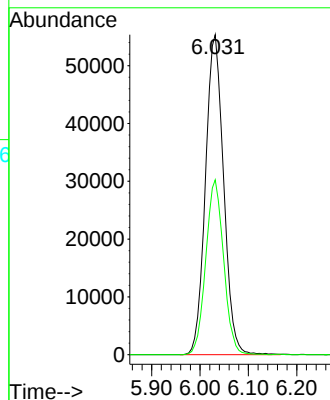
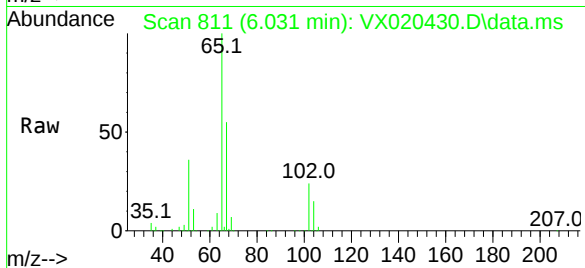
Acq: 29 Dec 2020 13:35

Tgt Ion: 65 Resp: 144456

Ion Ratio Lower Upper

65 100

67 53.7 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: VX020430.D

Acq: 29 Dec 2020 13:35

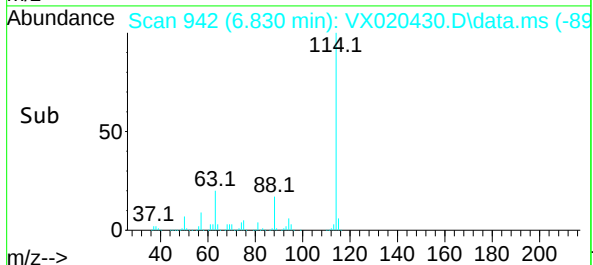
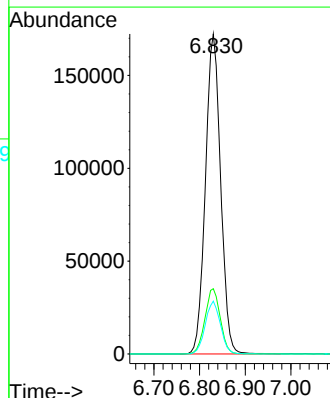
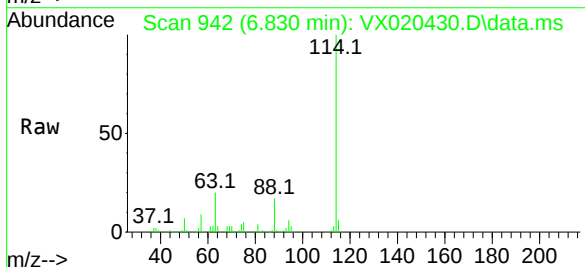
Tgt Ion: 114 Resp: 398227

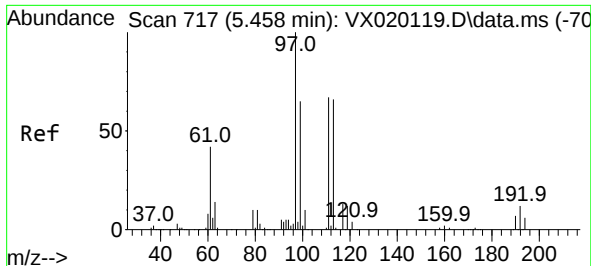
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

88 16.5 0.0 32.8

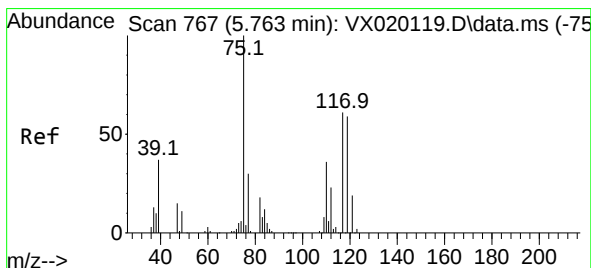
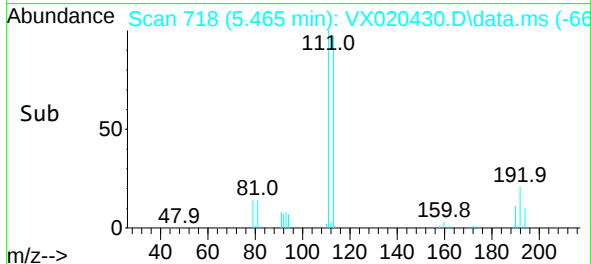
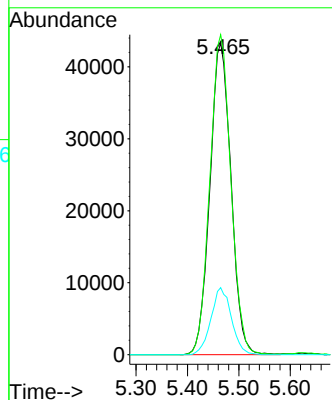
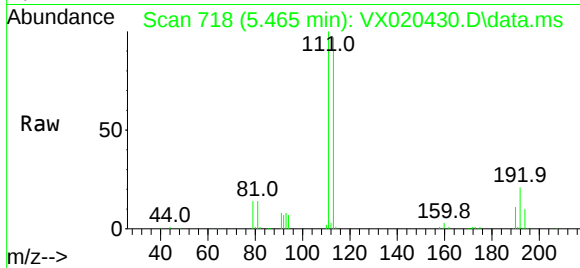




#35
Dibromofluoromethane
Concen: 48.45 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020430.D
Acq: 29 Dec 2020 13:35

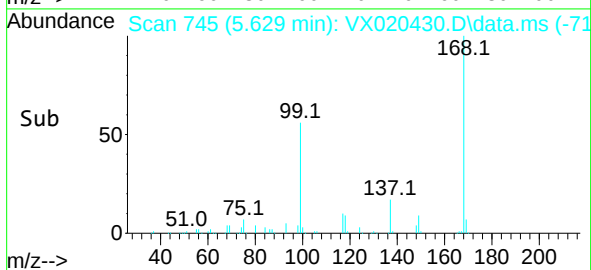
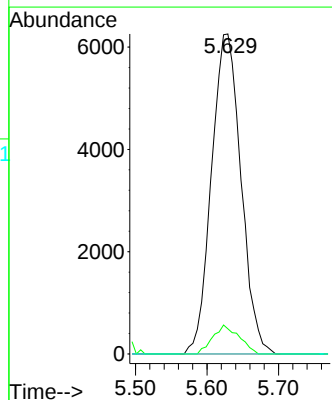
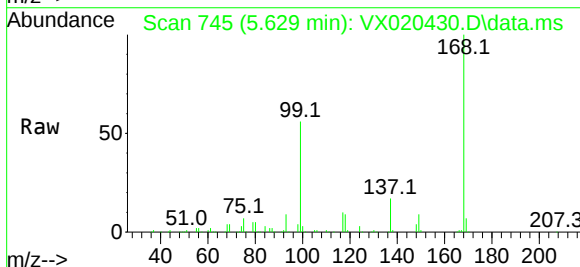
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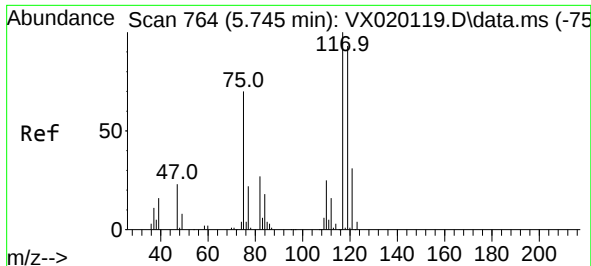
Tgt Ion:113 Resp: 123425
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 20.9 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.55 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020430.D
Acq: 29 Dec 2020 13:35

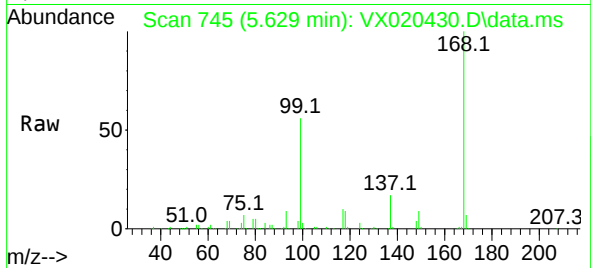
Tgt Ion: 75 Resp: 17919
Ion Ratio Lower Upper
75 100
110 8.0 18.1 54.4#
77 0.0 25.3 37.9#



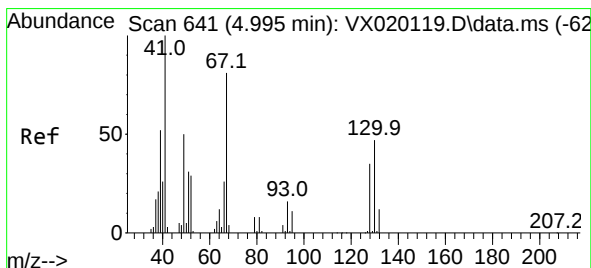
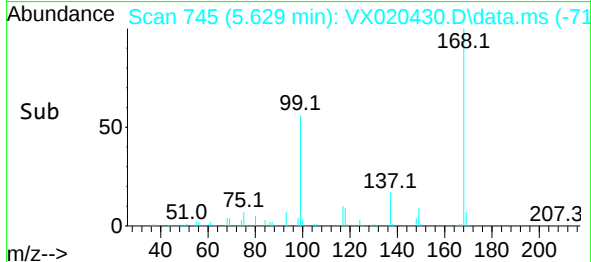
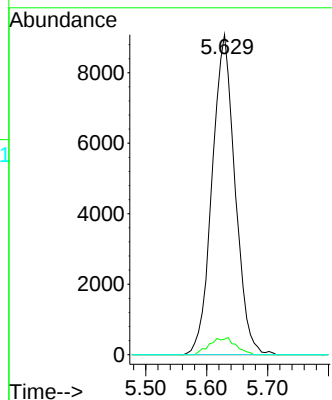


#38
Carbon Tetrachloride
Concen: 6.35 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020430.D
Acq: 29 Dec 2020 13:35

Instrument :
MSVOA_X
ClientSampleId :
1017-MW-03A(17)

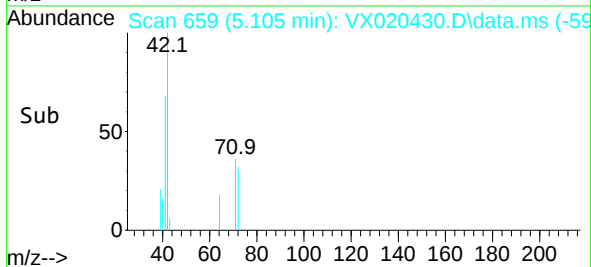
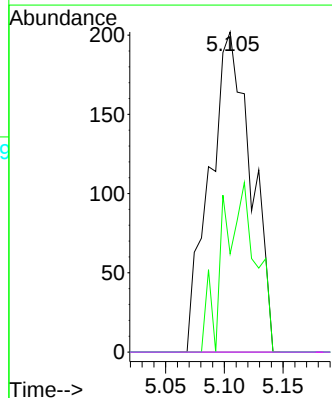
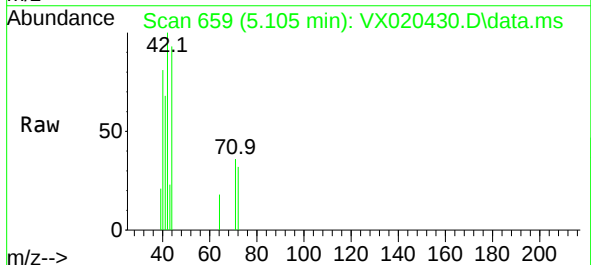


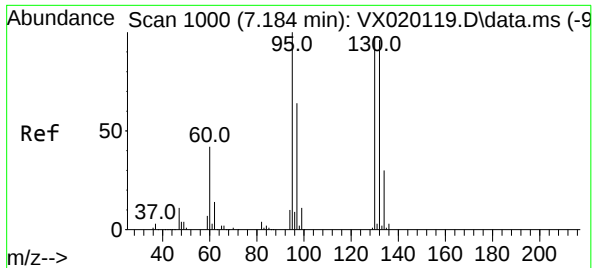
Tgt Ion:117 Resp: 23783
Ion Ratio Lower Upper
117 100
119 4.9 76.2 114.2#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 0.23 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.110 min
Lab File: VX020430.D
Acq: 29 Dec 2020 13:35

Tgt Ion: 41 Resp: 493
Ion Ratio Lower Upper
41 100
39 42.6 42.5 63.7
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

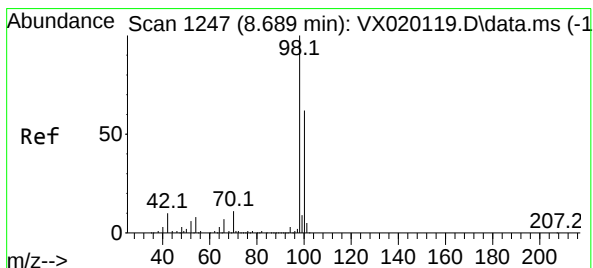
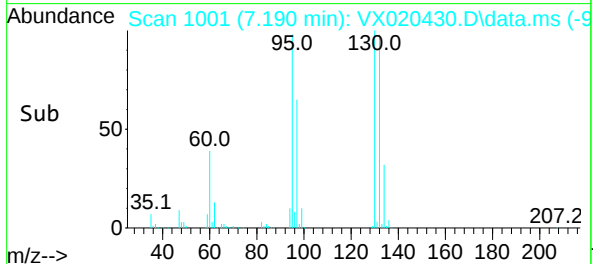
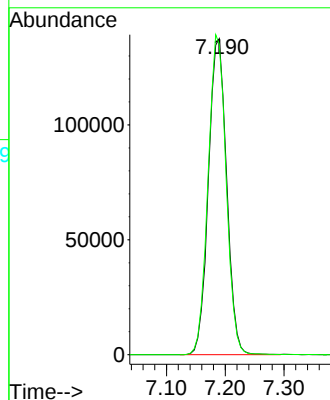
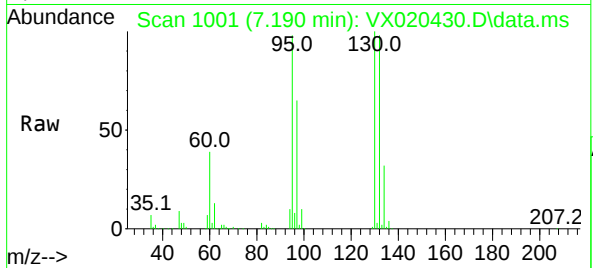




#44
Trichloroethene
Concen: 93.32 ug/l
RT: 7.190 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VX020430.D
Acq: 29 Dec 2020 13:35

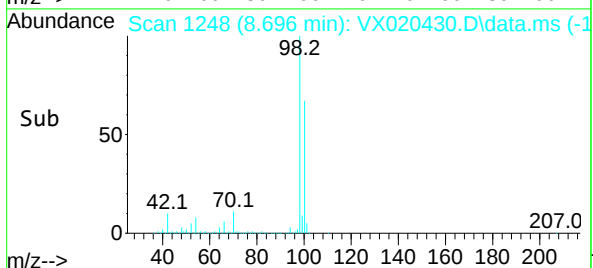
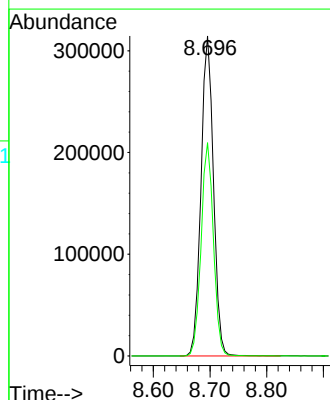
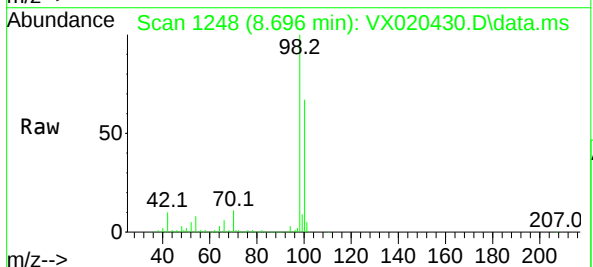
Instrument :
MSVOA_X
ClientSampleId :
1017-MW-03A(17)

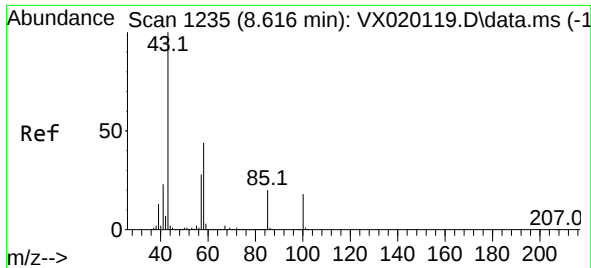
Tgt Ion:130 Resp: 295527
Ion Ratio Lower Upper
130 100
95 98.3 0.0 198.0



#50
Toluene-d8
Concen: 48.80 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020430.D
Acq: 29 Dec 2020 13:35

Tgt Ion: 98 Resp: 478533
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9

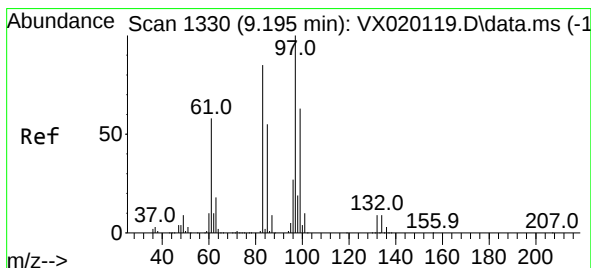
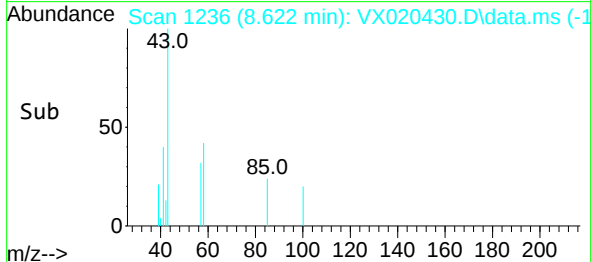
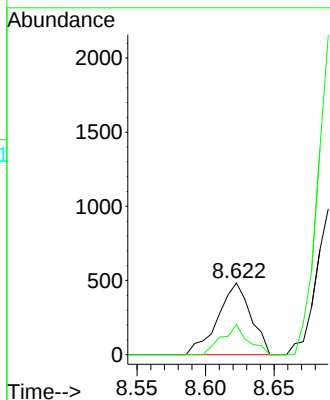
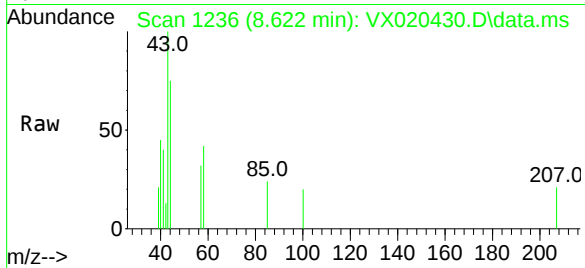




#51
4-Methyl-2-Pentanone
Concen: 0.20 ug/l
RT: 8.622 min Scan# 1236
Delta R.T. 0.006 min
Lab File: VX020430.D
Acq: 29 Dec 2020 13:35

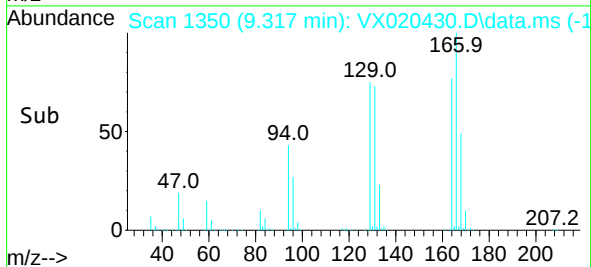
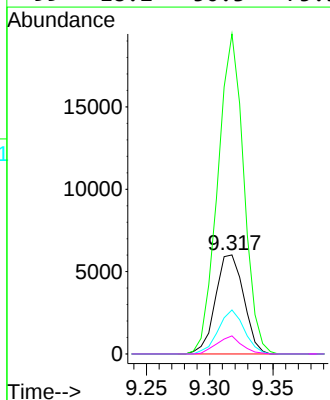
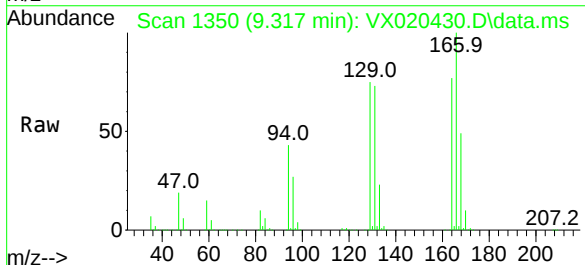
Instrument :
MSVOA_X
ClientSampleId :
1017-MW-03A(17)

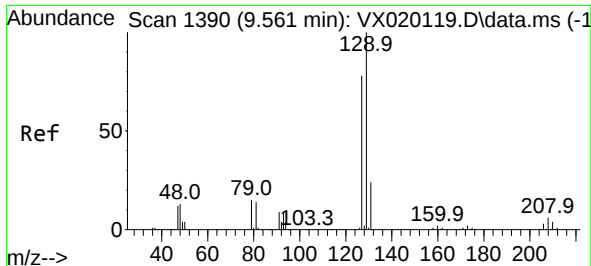
Tgt Ion: 43 Resp: 807
Ion Ratio Lower Upper
43 100
58 33.3 35.4 53.0#



#55
1,1,2-Trichloroethane
Concen: 3.03 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.122 min
Lab File: VX020430.D
Acq: 29 Dec 2020 13:35

Tgt Ion: 97 Resp: 9345
Ion Ratio Lower Upper
97 100
83 323.2 69.3 103.9#
85 44.5 44.3 66.5
99 18.2 50.3 75.5#

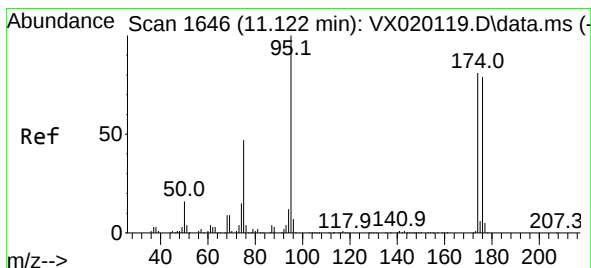
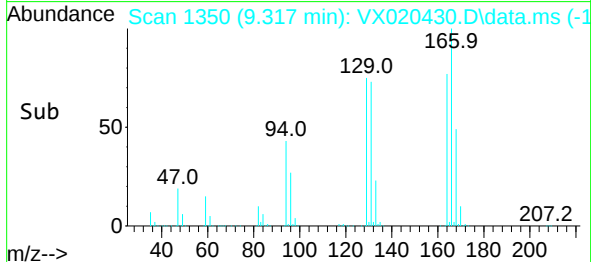
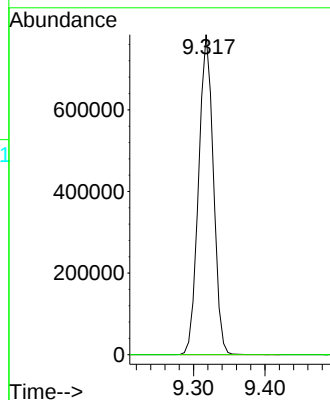
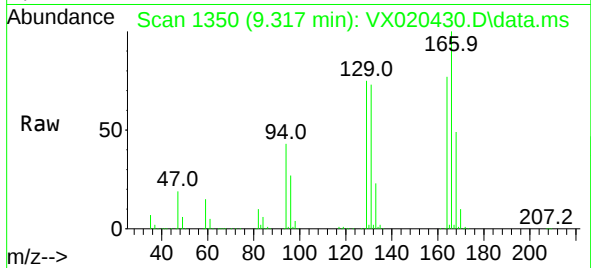




#60
Dibromochloromethane
Concen: 367.53 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. -0.244 min
Lab File: VX020430.D
Acq: 29 Dec 2020 13:35

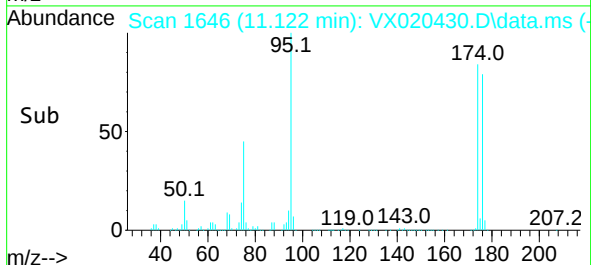
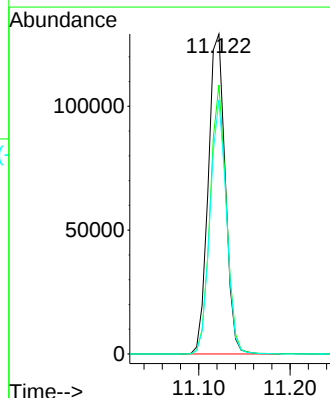
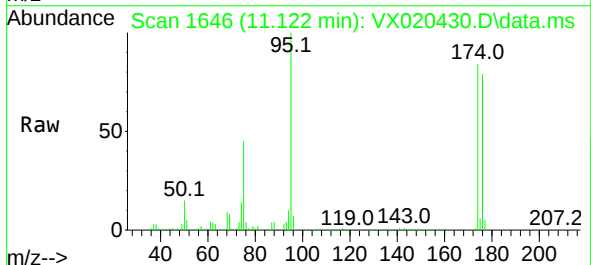
Instrument :
MSVOA_X
ClientSampleId :
1017-MW-03A(17)

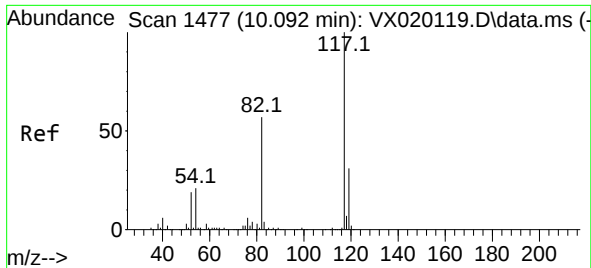
Tgt Ion:129 Resp: 1124550
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 44.27 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020430.D
Acq: 29 Dec 2020 13:35

Tgt Ion: 95 Resp: 166162
Ion Ratio Lower Upper
95 100
174 80.2 0.0 154.6
176 76.2 0.0 155.8

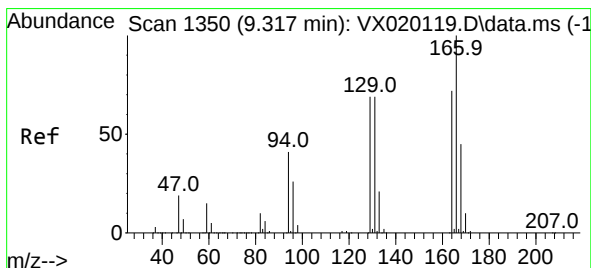
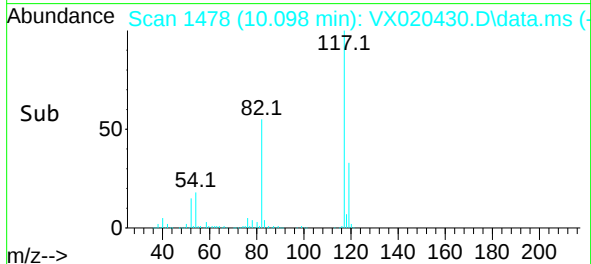
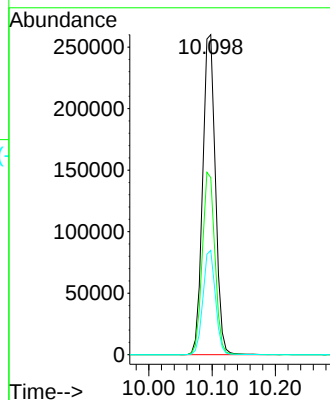
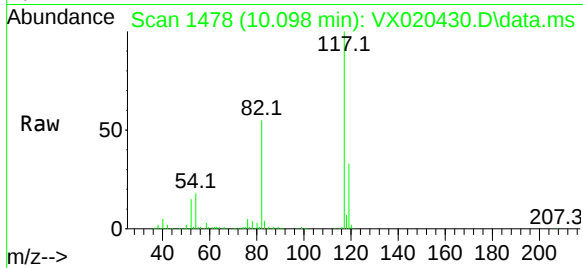




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020430.D
Acq: 29 Dec 2020 13:35

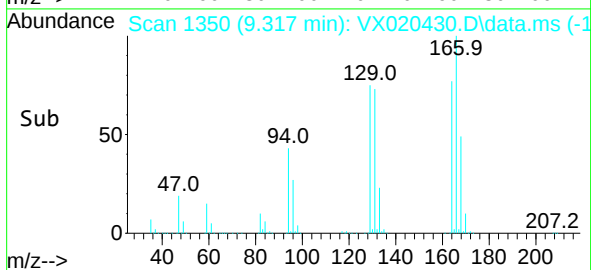
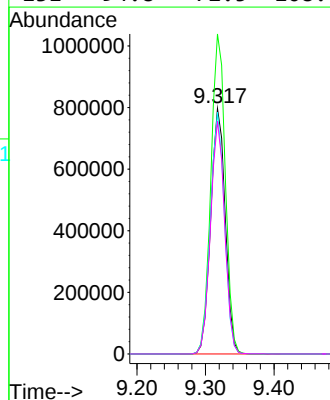
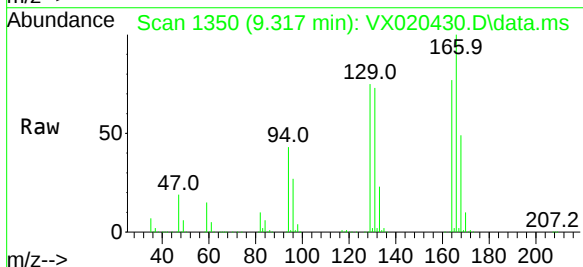
Instrument :
MSVOA_X
ClientSampleId :
1017-MW-03A(17)

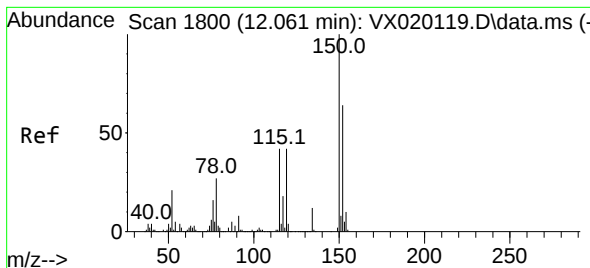
Tgt Ion:117 Resp: 364995
Ion Ratio Lower Upper
117 100
82 55.4 47.4 71.2
119 32.6 26.6 39.8



#64
Tetrachloroethene
Concen: 427.12 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020430.D
Acq: 29 Dec 2020 13:35

Tgt Ion:164 Resp: 1174623
Ion Ratio Lower Upper
164 100
166 130.3 103.4 155.2
129 98.3 70.8 106.2
131 94.8 72.5 108.7

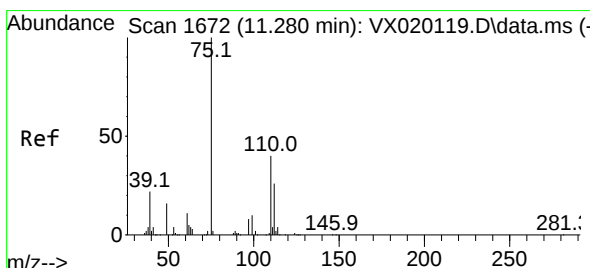
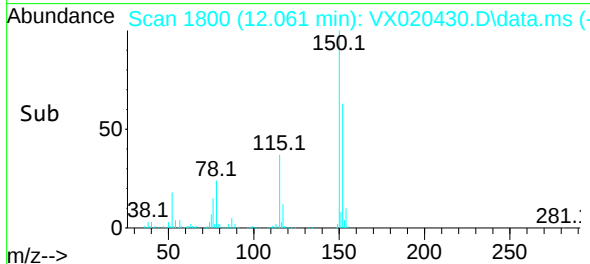
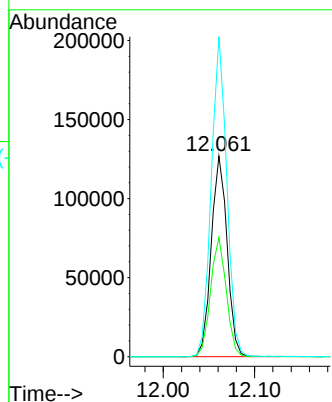
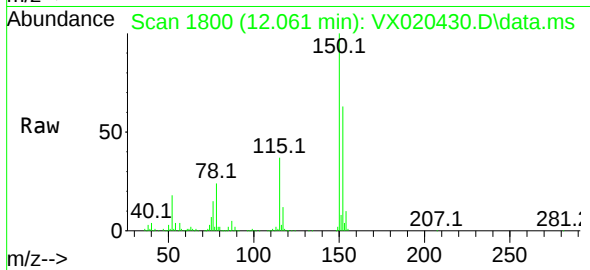




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020430.D
Acq: 29 Dec 2020 13:35

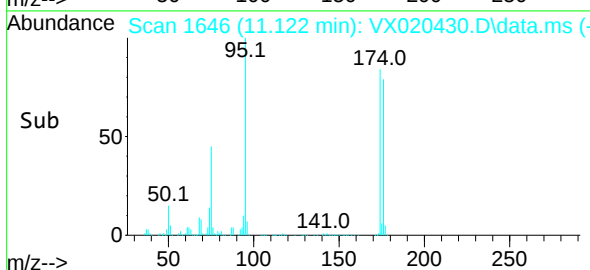
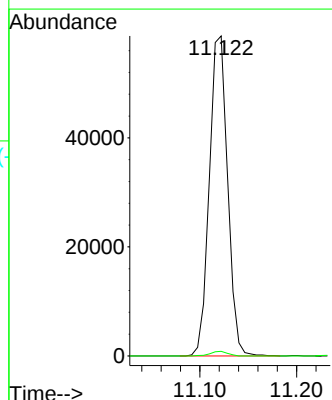
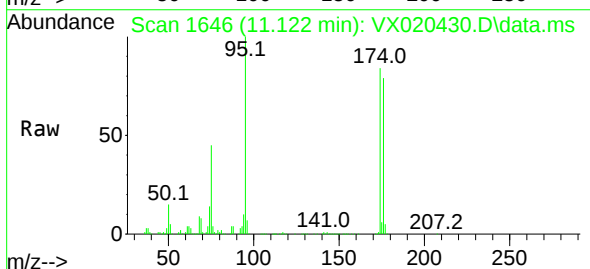
Instrument :
MSVOA_X
ClientSampleId :
1017-MW-03A(17)

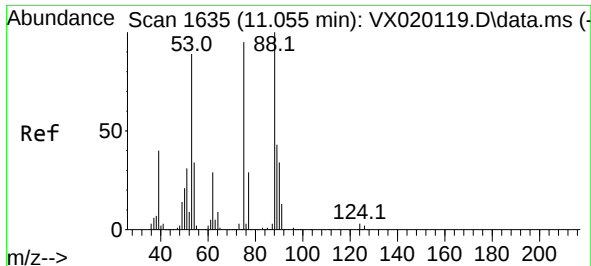
Tgt Ion:152 Resp: 152677
Ion Ratio Lower Upper
152 100
115 58.9 41.1 123.3
150 155.7 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 20.51 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020430.D
Acq: 29 Dec 2020 13:35

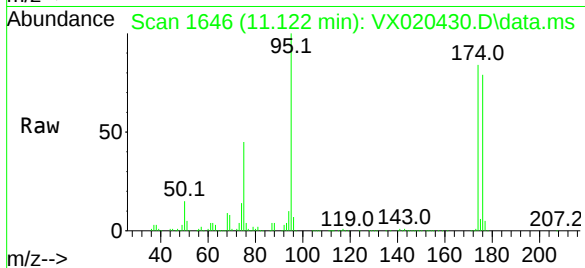
Tgt Ion: 75 Resp: 77142
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



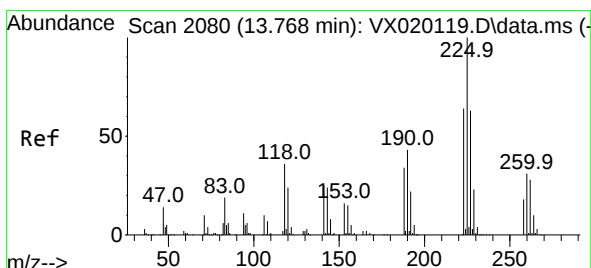
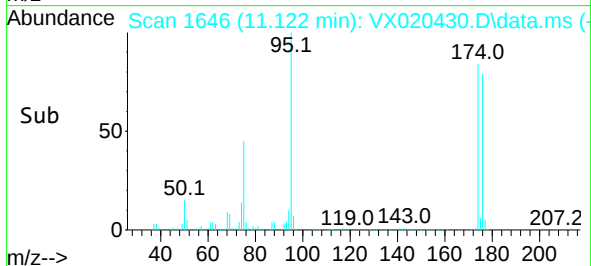
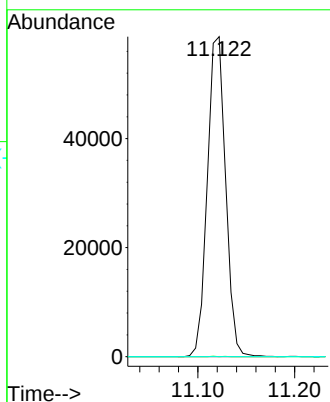


#81
trans-1,4-Dichloro-2-butene
Concen: 60.85 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020430.D
Acq: 29 Dec 2020 13:35

Instrument :
MSVOA_X
ClientSampleId :
1017-MW-03A(17)



Tgt Ion: 75 Resp: 77142
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#94
Hexachlorobutadiene
Concen: 2.68 ug/l
RT: 13.762 min Scan# 2079
Delta R.T. -0.006 min
Lab File: VX020430.D
Acq: 29 Dec 2020 13:35

Tgt Ion: 225 Resp: 52
Ion Ratio Lower Upper
225 100
223 0.0 31.1 93.2#
227 0.0 31.6 95.0#

