

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122420\
 Data File : VX020395.D
 Acq On : 24 Dec 2020 18:07
 Operator : JC/MD
 Sample : L5124-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW1-7-20201215

Quant Time: Dec 25 01:16:04 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)

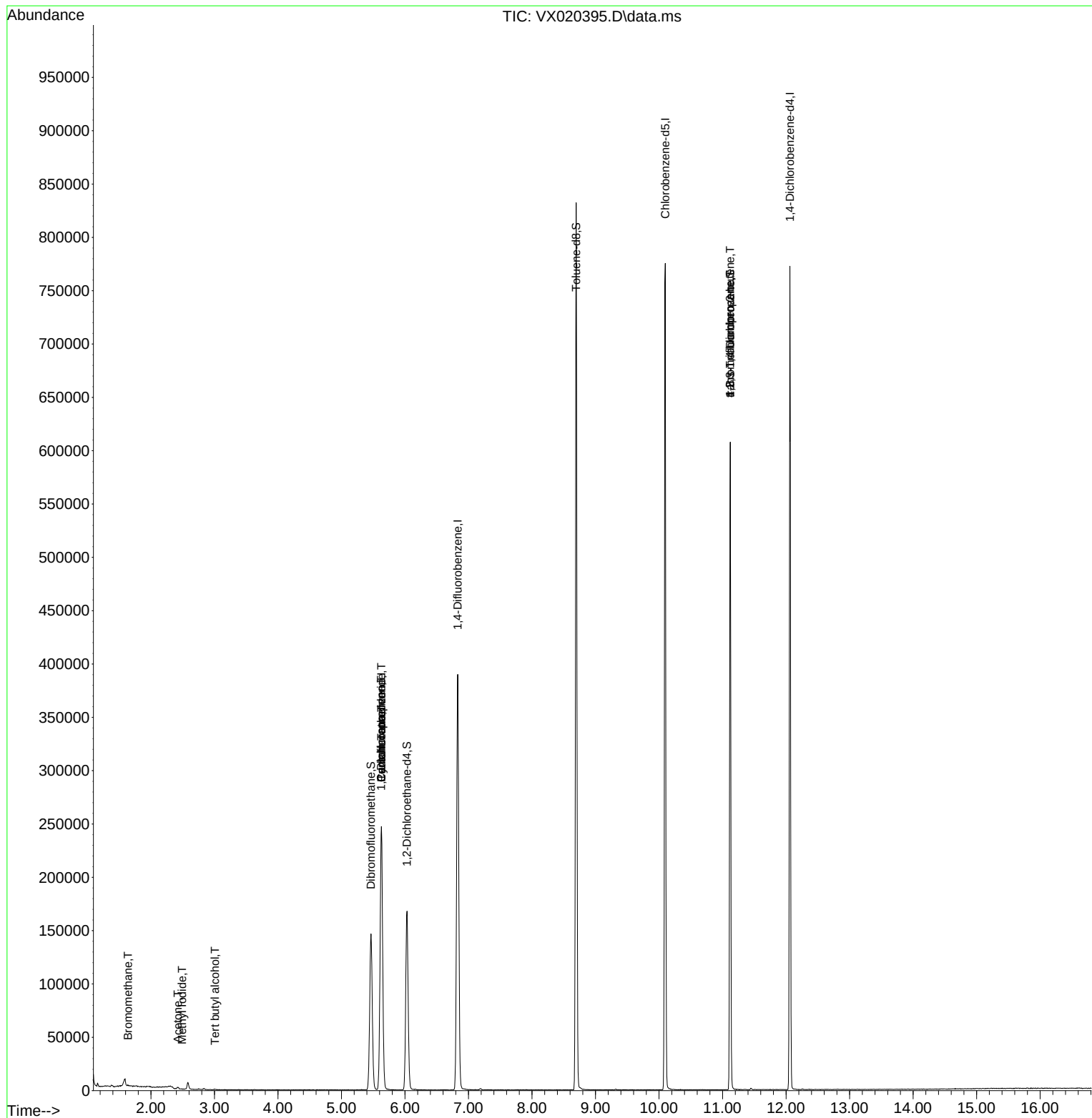
Internal Standards						
1) Pentafluorobenzene	5.629	168	233216	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	390810	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	366457	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	155400	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	158730	50.78	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	101.56%	
35) Dibromofluoromethane	5.464	113	128363	51.34	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	102.68%	
50) Toluene-d8	8.696	98	483750	50.27	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	100.54%	
62) 4-Bromofluorobenzene	11.122	95	163066	44.27	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	88.54%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.636	94	516	0.50	ug/l #	41
10) Methyl Iodide	2.489	142	57	3.30	ug/l #	42
11) Tert butyl alcohol	3.008	59	328	0.47	ug/l #	73
16) Acetone	2.422	43	1770	1.24	ug/l	92
31) Cyclohexane	5.629	56	4632	1.07	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	18423	4.77	ug/l #	48
38) Carbon Tetrachloride	5.629	117	23053	6.28	ug/l #	16
76) 1,2,3-Trichloropropane	11.122	75	80007	20.90	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	80007	62.01	ug/l #	12

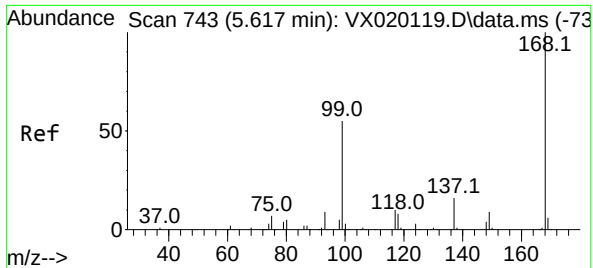
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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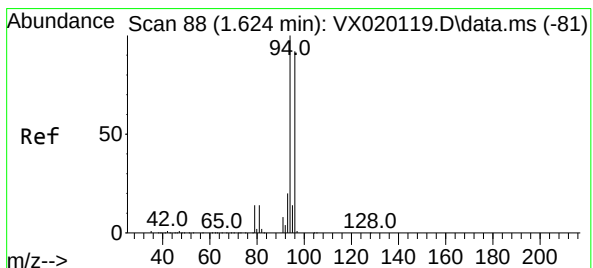
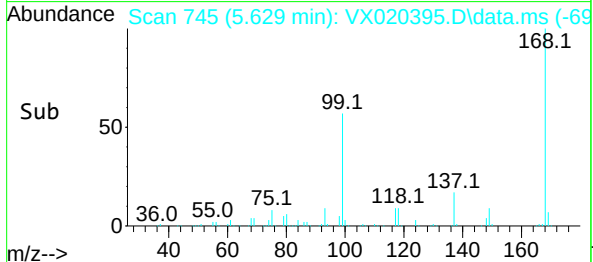
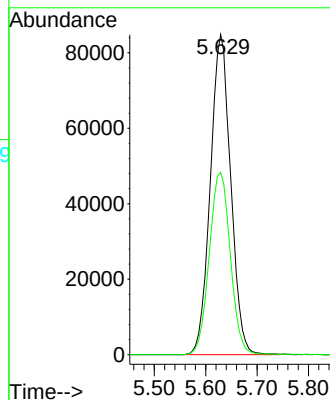
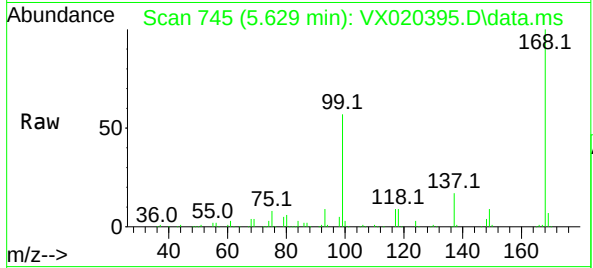




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020395.D
Acq: 24 Dec 2020 18:07

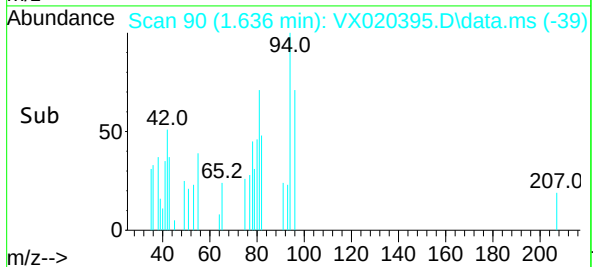
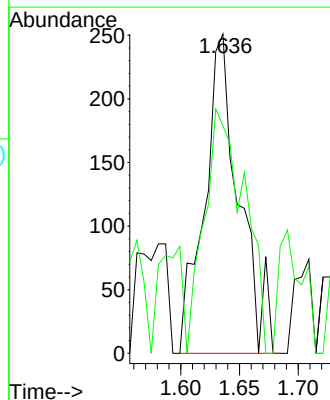
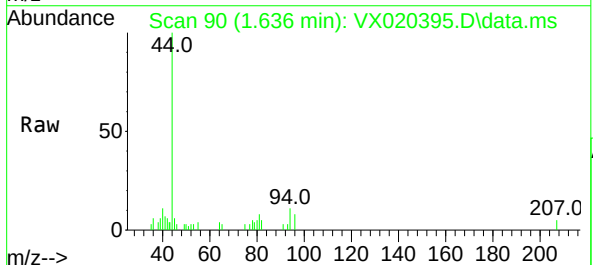
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20201215

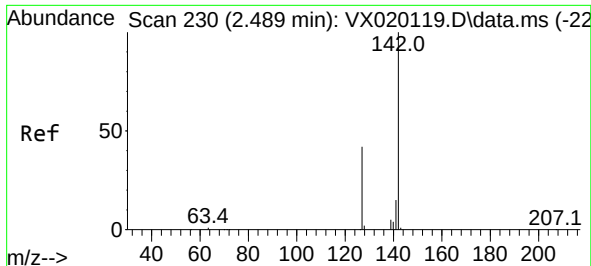
Tgt Ion:168 Resp: 233216
Ion Ratio Lower Upper
168 100
99 56.9 45.8 68.6



#5
Bromomethane
Concen: 0.50 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020395.D
Acq: 24 Dec 2020 18:07

Tgt Ion: 94 Resp: 516
Ion Ratio Lower Upper
94 100
96 37.8 76.4 114.6#

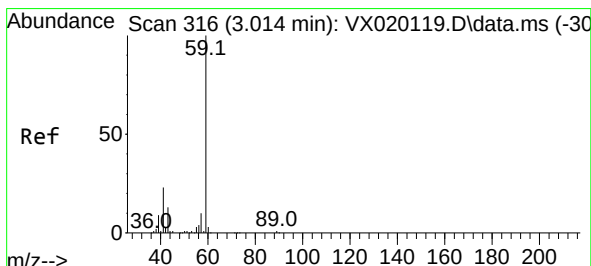
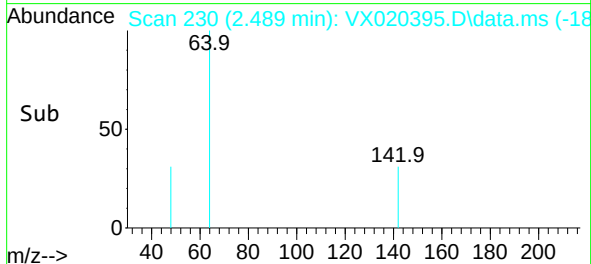
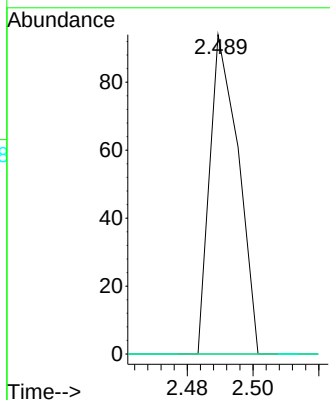
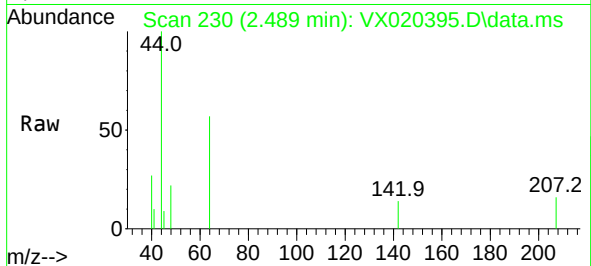




#10
Methyl Iodide
Concen: 3.30 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020395.D
Acq: 24 Dec 2020 18:07

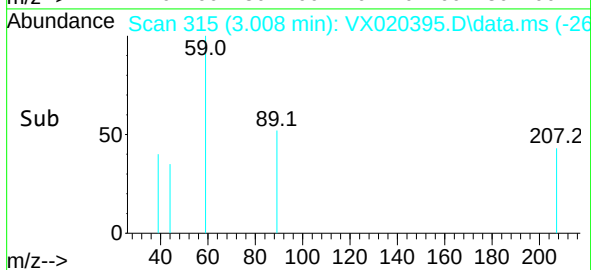
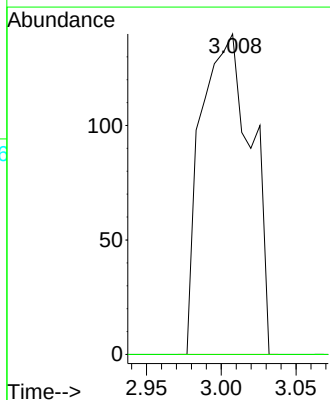
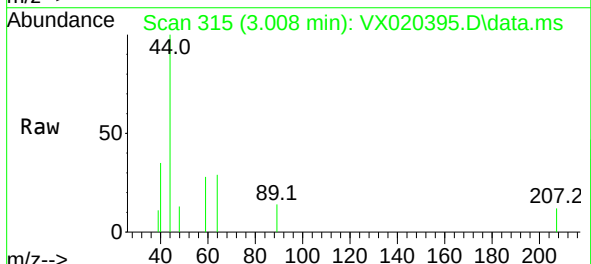
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20201215

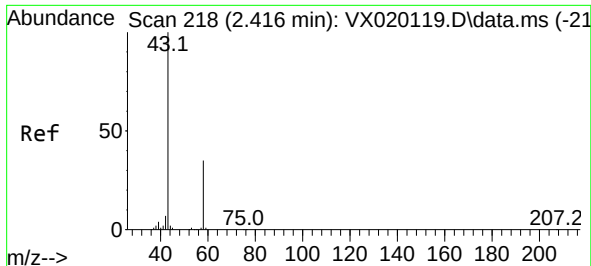
Tgt Ion:142 Resp: 57
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.47 ug/l
RT: 3.008 min Scan# 315
Delta R.T. -0.006 min
Lab File: VX020395.D
Acq: 24 Dec 2020 18:07

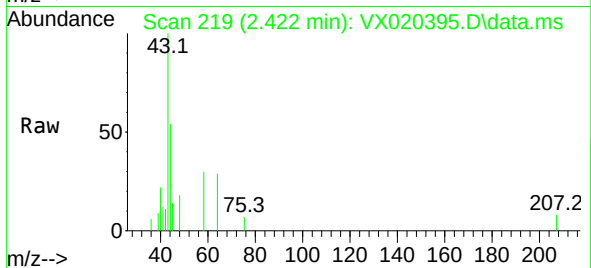
Tgt Ion: 59 Resp: 328
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



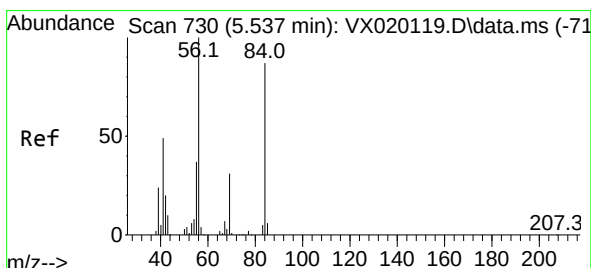
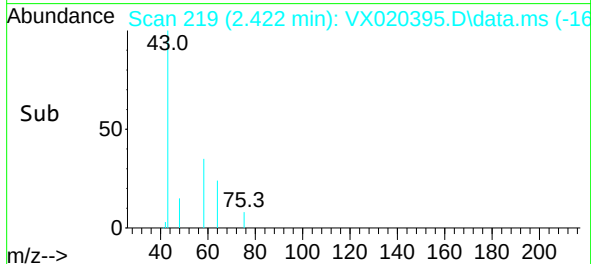
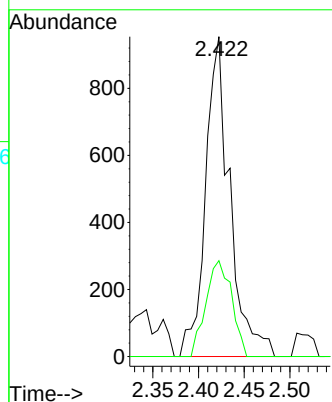


#16
Acetone
Concen: 1.24 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.006 min
Lab File: VX020395.D
Acq: 24 Dec 2020 18:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20201215

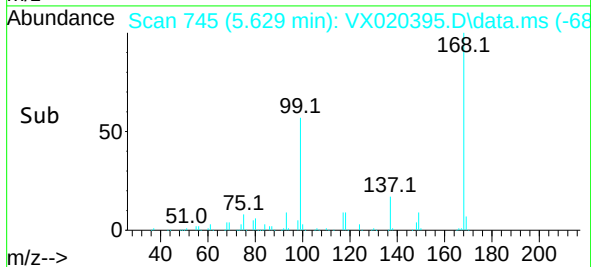
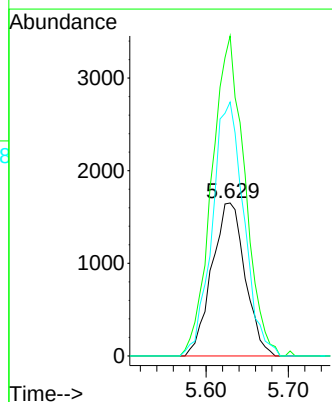
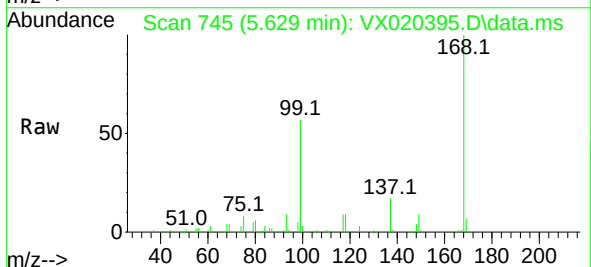


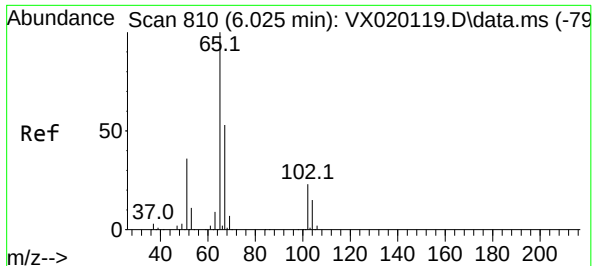
Tgt Ion: 43 Resp: 1770
Ion Ratio Lower Upper
43 100
58 30.0 27.8 41.8



#31
Cyclohexane
Concen: 1.07 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.092 min
Lab File: VX020395.D
Acq: 24 Dec 2020 18:07

Tgt Ion: 56 Resp: 4632
Ion Ratio Lower Upper
56 100
69 209.3 25.3 37.9#
84 166.0 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 50.78 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020395.D

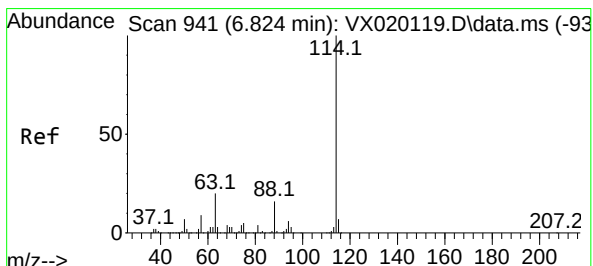
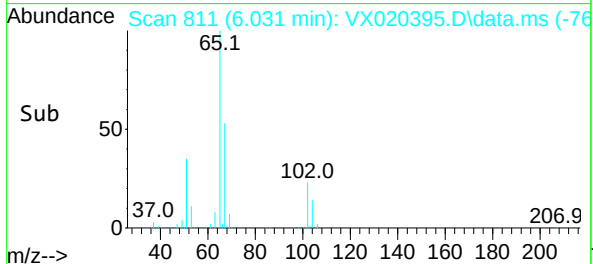
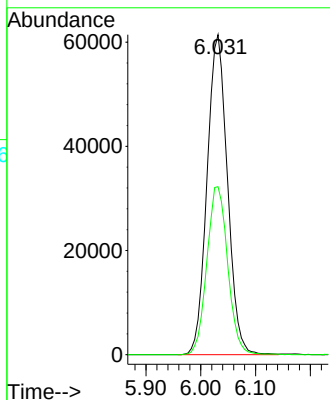
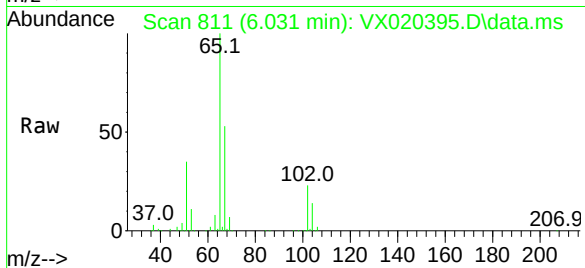
Acq: 24 Dec 2020 18:07

Tgt Ion: 65 Resp: 158730

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: VX020395.D

Acq: 24 Dec 2020 18:07

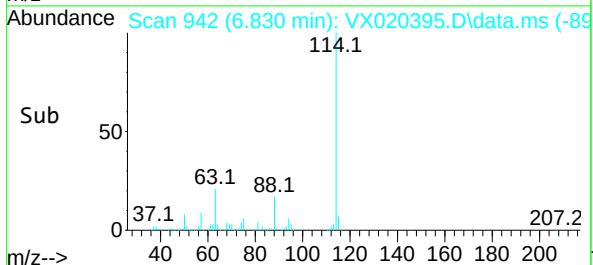
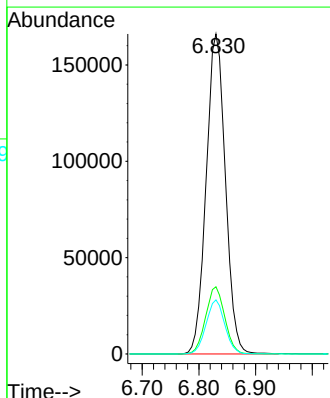
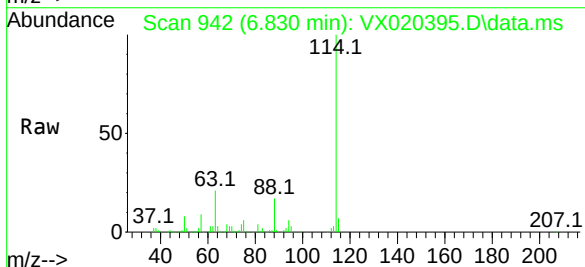
Tgt Ion: 114 Resp: 390810

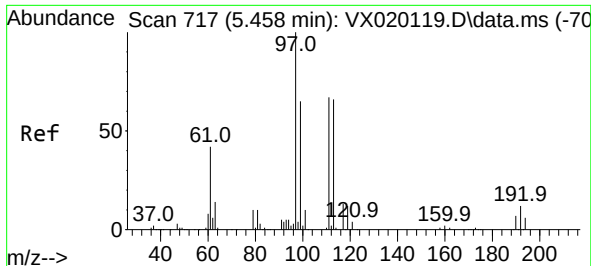
Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.8

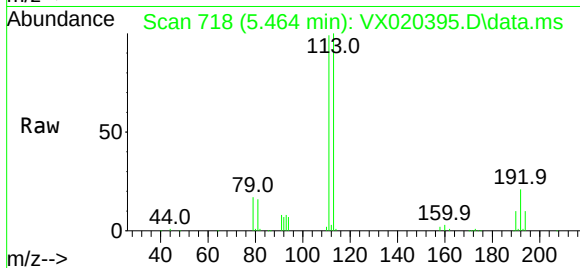
88 16.9 0.0 32.8



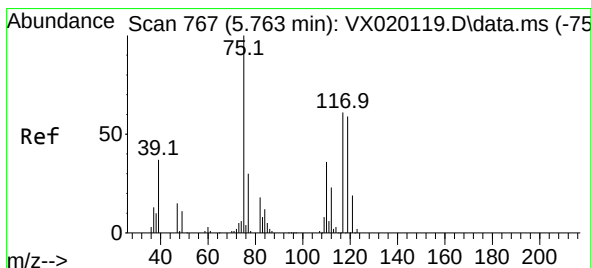
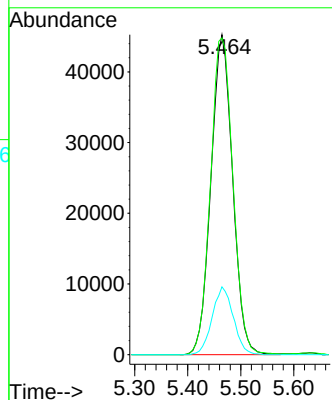
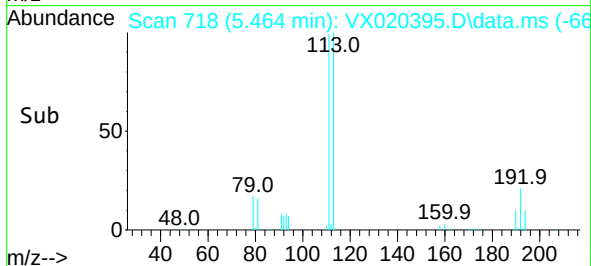


#35
Dibromofluoromethane
Concen: 51.34 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020395.D
Acq: 24 Dec 2020 18:07

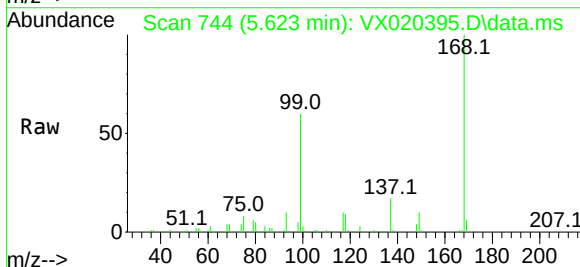
Instrument :
MSVOA_X
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BPOW1-7-20201215



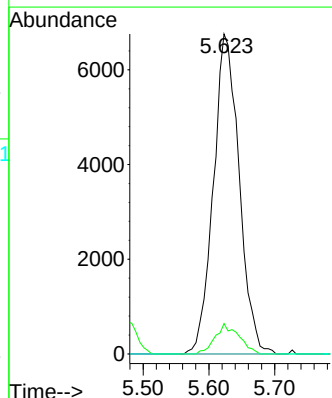
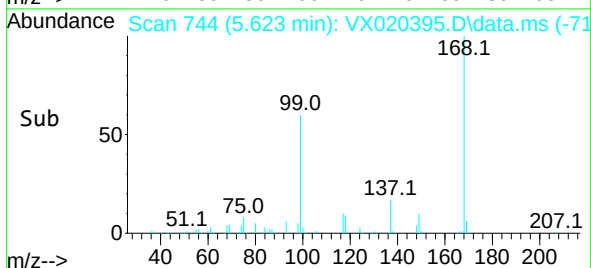
Tgt Ion:113 Resp: 128363
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 20.7 16.7 25.1

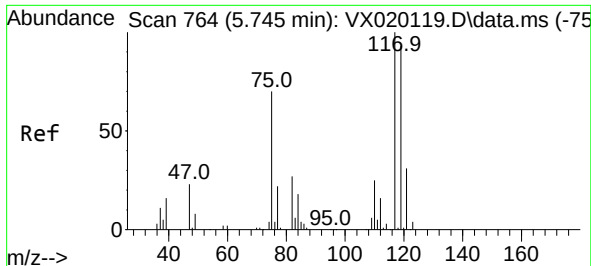


#36
1,1-Dichloropropene
Concen: 4.77 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020395.D
Acq: 24 Dec 2020 18:07



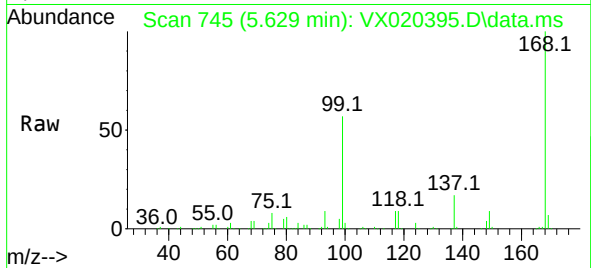
Tgt Ion: 75 Resp: 18423
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.4#
77 0.0 25.3 37.9#



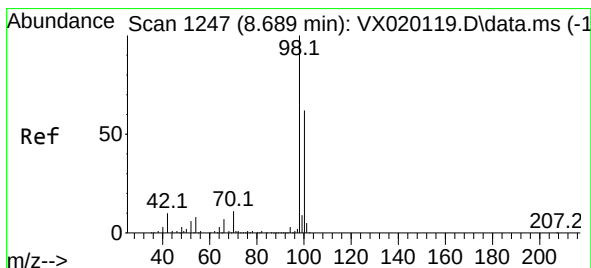
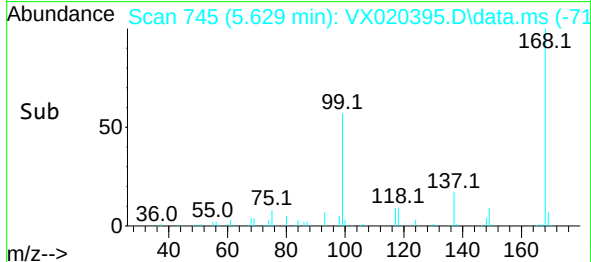
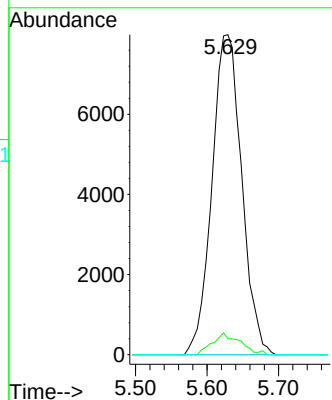


#38
Carbon Tetrachloride
Concen: 6.28 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020395.D
Acq: 24 Dec 2020 18:07

Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20201215

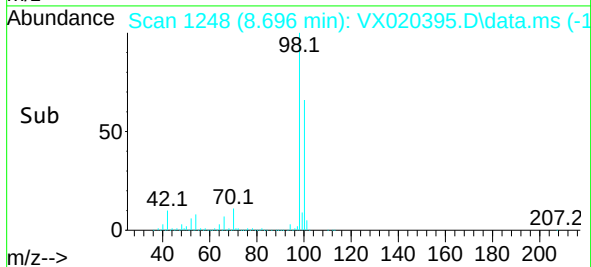
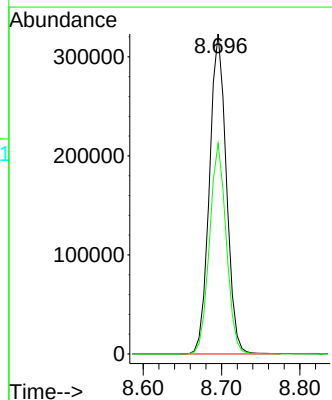
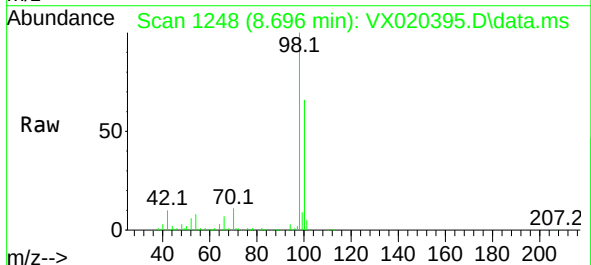


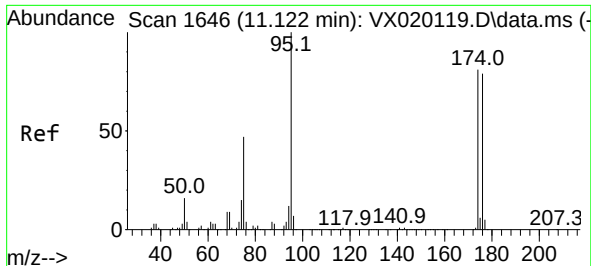
Tgt Ion:117 Resp: 23053
Ion Ratio Lower Upper
117 100
119 5.0 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.27 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020395.D
Acq: 24 Dec 2020 18:07

Tgt Ion: 98 Resp: 483750
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9

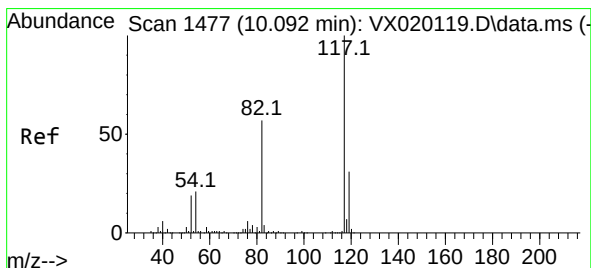
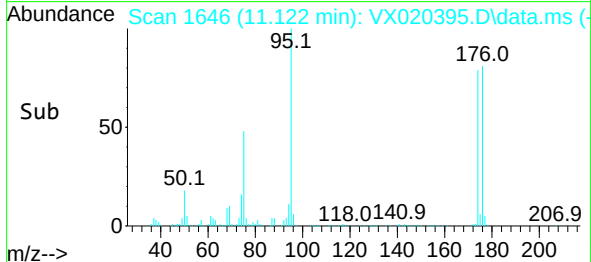
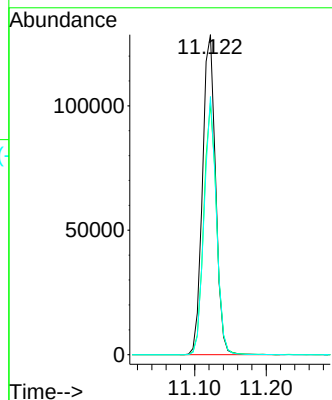
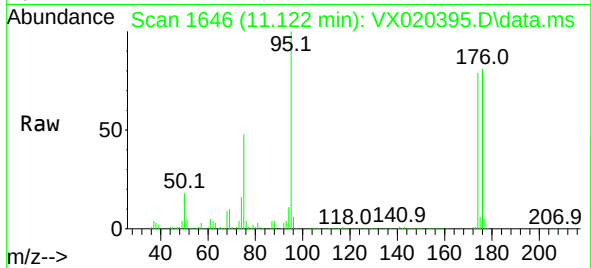




#62
4-Bromofluorobenzene
Concen: 44.27 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020395.D
Acq: 24 Dec 2020 18:07

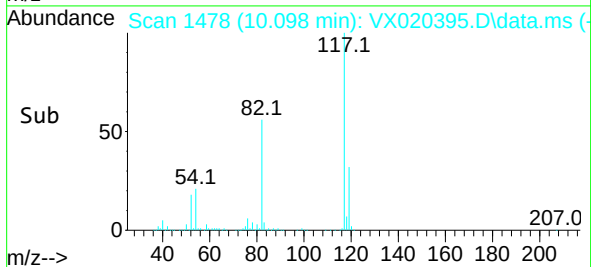
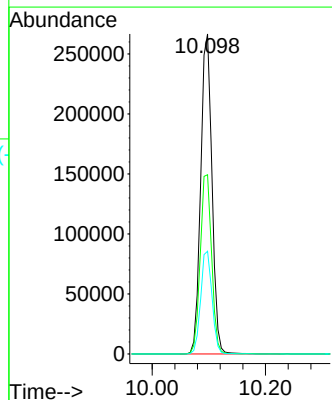
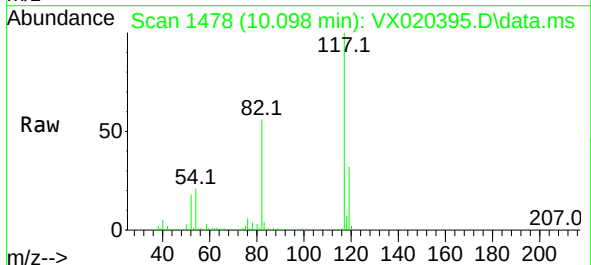
Instrument :
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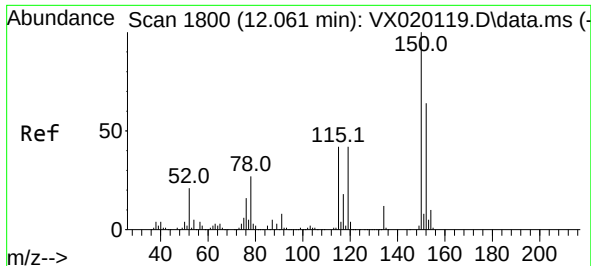
Tgt Ion: 95 Resp: 163066
Ion Ratio Lower Upper
95 100
174 76.7 0.0 154.6
176 75.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020395.D
Acq: 24 Dec 2020 18:07

Tgt Ion: 117 Resp: 366457
Ion Ratio Lower Upper
117 100
82 56.0 47.4 71.2
119 32.1 26.6 39.8

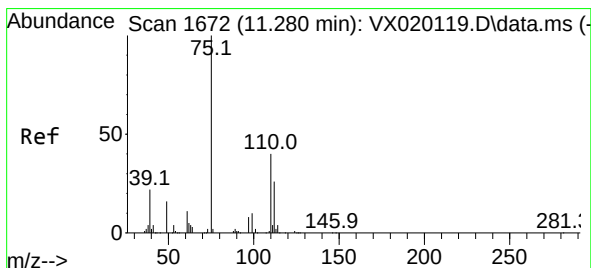
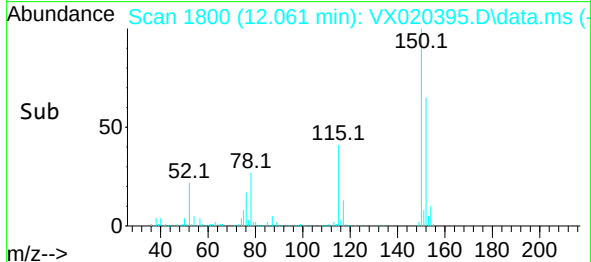
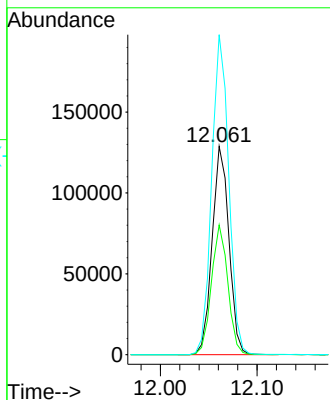
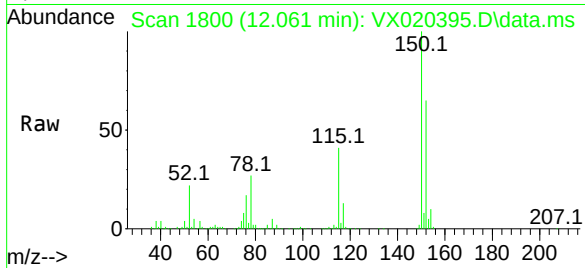




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020395.D
Acq: 24 Dec 2020 18:07

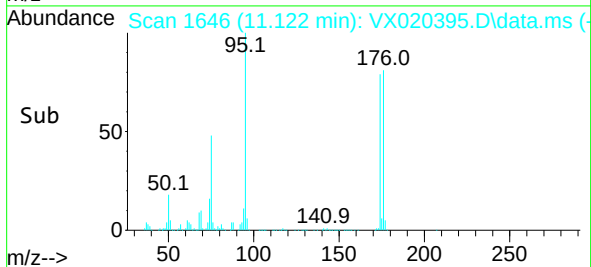
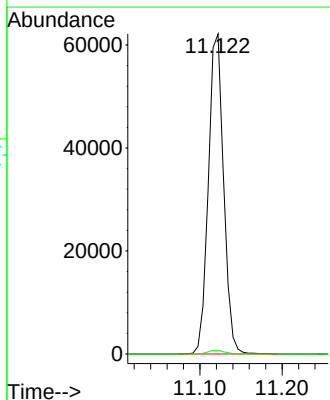
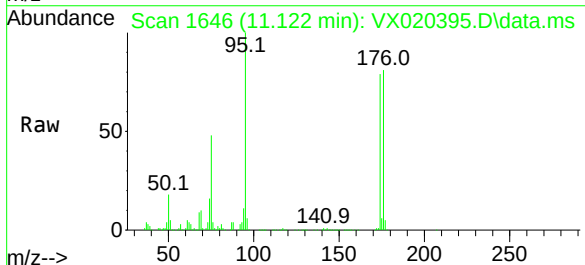
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20201215

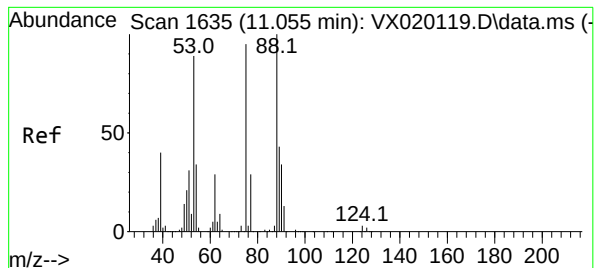
Tgt Ion:152 Resp: 155400
Ion Ratio Lower Upper
152 100
115 61.0 41.1 123.3
150 155.8 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 20.90 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020395.D
Acq: 24 Dec 2020 18:07

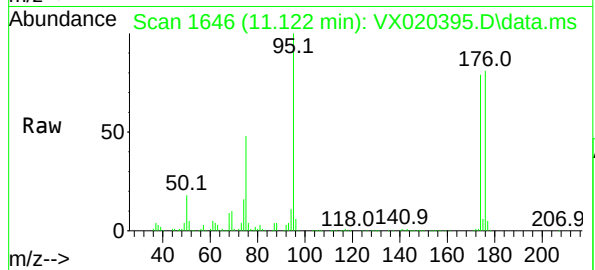
Tgt Ion: 75 Resp: 80007
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.01 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. 0.067 min
 Lab File: VX020395.D
 Acq: 24 Dec 2020 18:07

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW1-7-20201215



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

