

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020185.D
 Acq On : 19 Dec 2020 20:39
 Operator : JC/MD
 Sample : L5096-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 49-MW031(DOB)-121220

Quant Time: Dec 21 02:37:02 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)

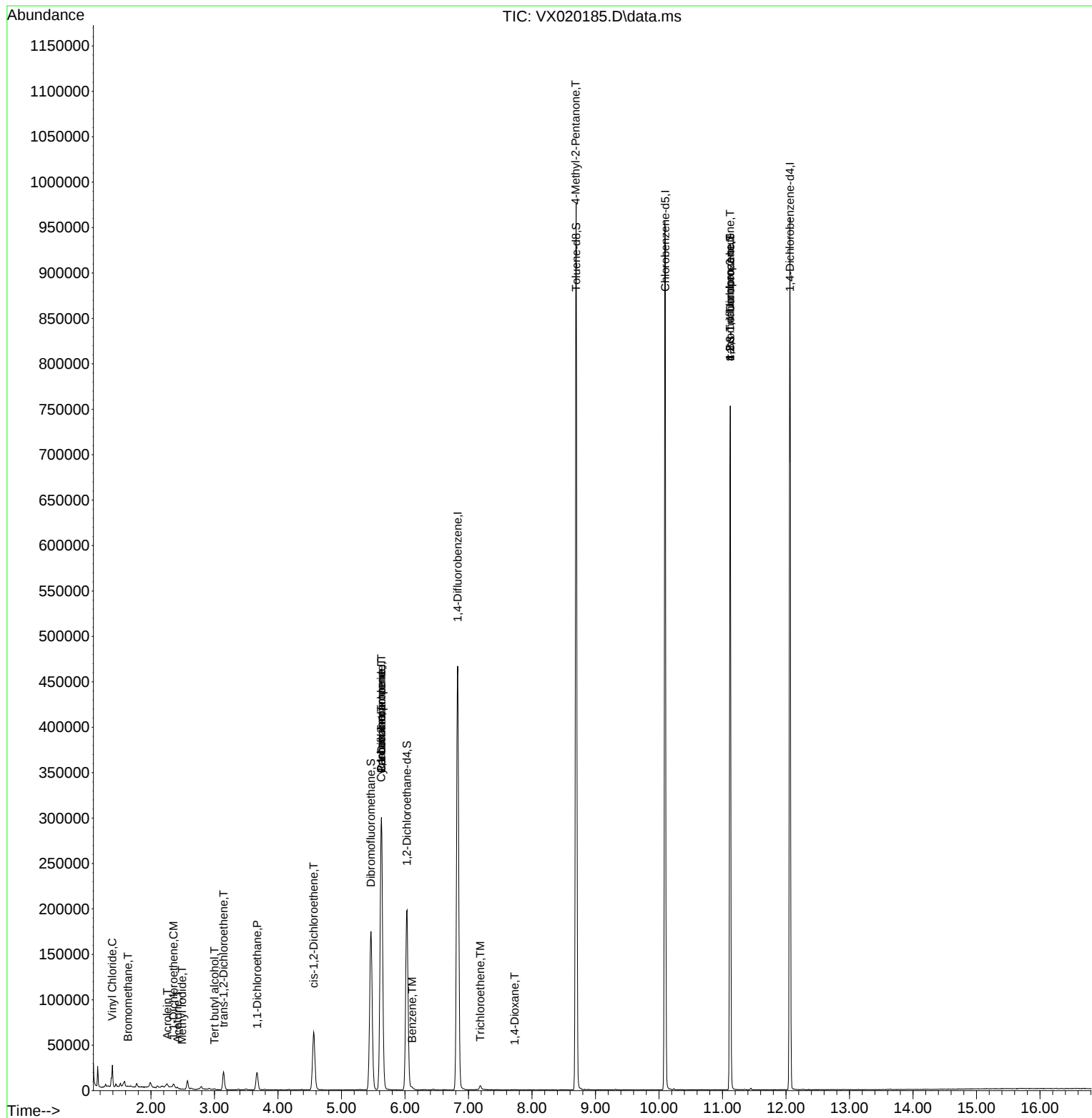
Internal Standards						
1) Pentafluorobenzene	5.629	168	288844	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	483579	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	447708	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	192156	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.032	65	191404	49.44	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.88%		
35) Dibromofluoromethane	5.465	113	153020	49.47	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.94%		
50) Toluene-d8	8.696	98	591706	49.69	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.38%		
62) 4-Bromofluorobenzene	11.122	95	207696	45.57	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.14%		
Target Compounds						Qvalue
4) Vinyl Chloride	1.392	62	6317	1.59	ug/l	99
5) Bromomethane	1.636	94	445	0.35	ug/l	89
10) Methyl Iodide	2.489	142	127	3.32	ug/l #	42
11) Tert butyl alcohol	3.002	59	827	0.95	ug/l #	73
12) 1,1-Dichloroethene	2.355	96	1358	0.46	ug/l	80
13) Acrolein	2.258	56	213	0.39	ug/l #	1
16) Acetone	2.416	43	2054	1.16	ug/l #	85
21) trans-1,2-Dichloroethene	3.142	96	8061	2.25	ug/l	93
24) 1,1-Dichloroethane	3.672	63	21260	3.38	ug/l	98
27) cis-1,2-Dichloroethene	4.562	96	41041	10.16	ug/l	90
31) Cyclohexane	5.623	56	5747	1.08	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	22024	4.61	ug/l #	48
38) Carbon Tetrachloride	5.629	117	28606	6.29	ug/l #	17
40) Benzene	6.111	78	3259	0.22	ug/l	98
44) Trichloroethene	7.184	130	1612	0.42	ug/l	97
49) 1,4-Dioxane	7.726	88	259	2.88	ug/l #	76
51) 4-Methyl-2-Pentanone	8.690	43	2396	0.49	ug/l #	1
76) 1,2,3-Trichloropropane	11.122	75	100324	21.20	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	100324	62.88	ug/l #	12

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

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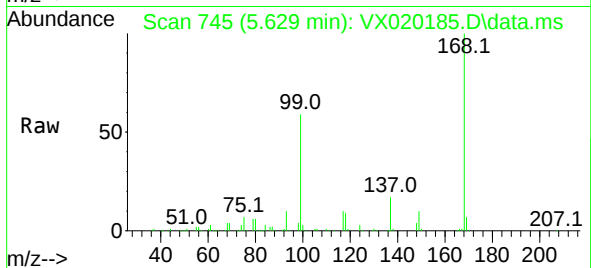
Quant Time: Dec 21 02:37:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
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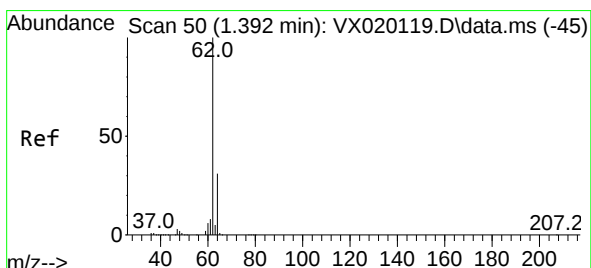
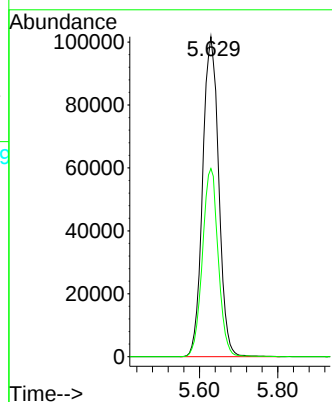
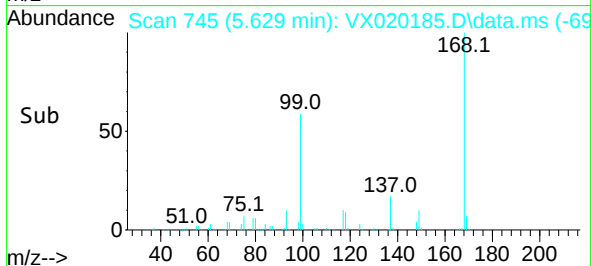


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020185.D
Acq: 19 Dec 2020 20:39

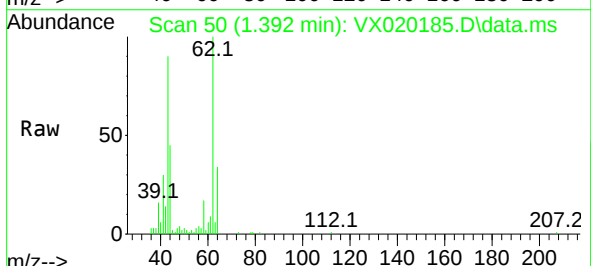
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MSVOA_X
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49-MW031(DOB)-121220



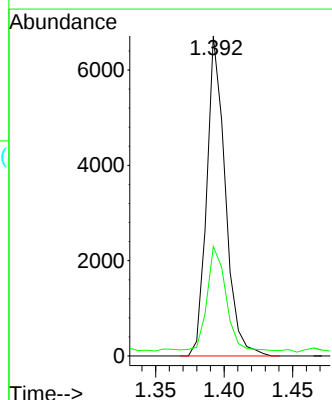
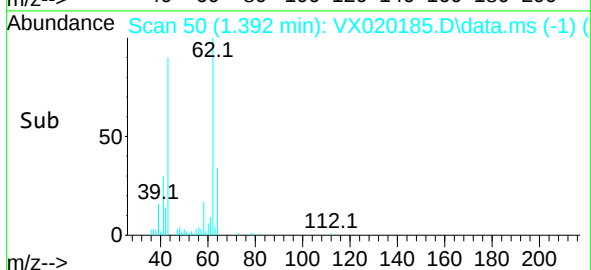
Tgt Ion:168 Resp: 288844
Ion Ratio Lower Upper
168 100
99 58.8 45.8 68.6

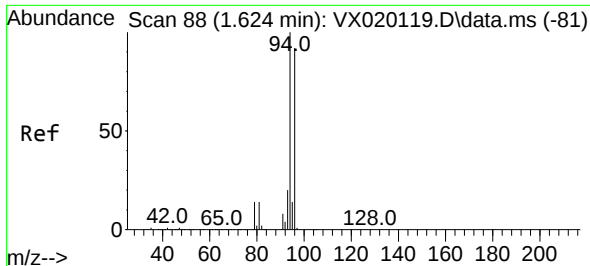


#4
Vinyl Chloride
Concen: 1.59 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX020185.D
Acq: 19 Dec 2020 20:39



Tgt Ion: 62 Resp: 6317
Ion Ratio Lower Upper
62 100
64 32.5 25.7 38.5

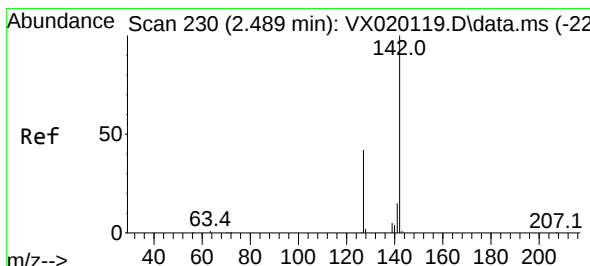
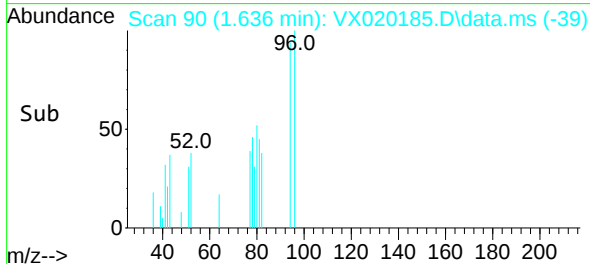
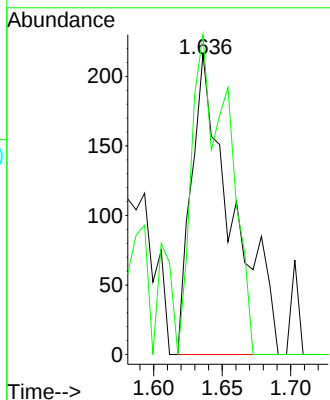
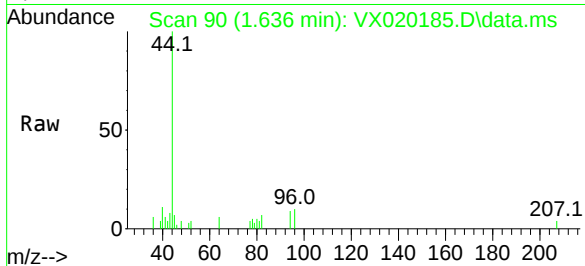




#5
Bromomethane
Concen: 0.35 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020185.D
Acq: 19 Dec 2020 20:39

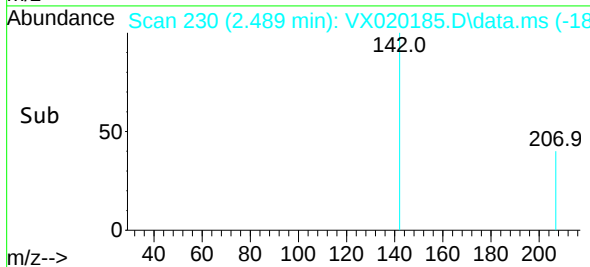
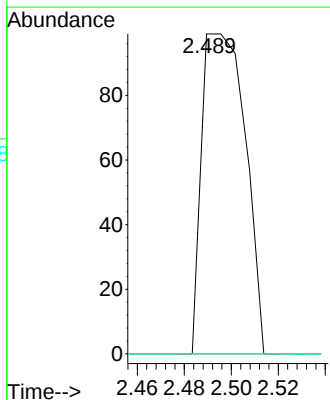
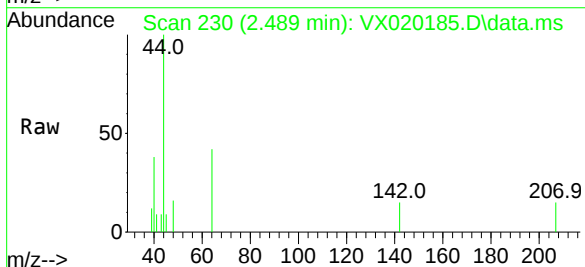
Instrument :
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ClientSampleId :
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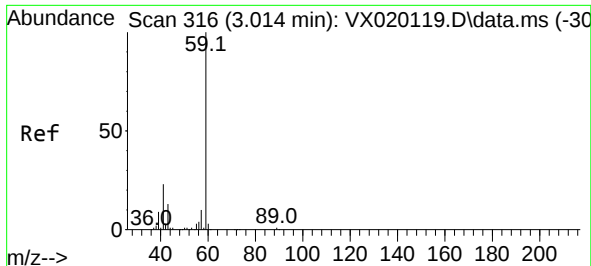
Tgt Ion: 94 Resp: 445
Ion Ratio Lower Upper
94 100
96 106.5 76.4 114.6



#10
Methyl Iodide
Concen: 3.32 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020185.D
Acq: 19 Dec 2020 20:39

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

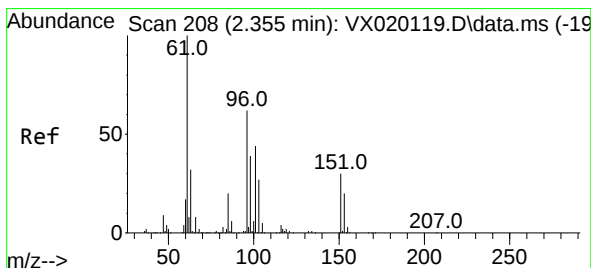
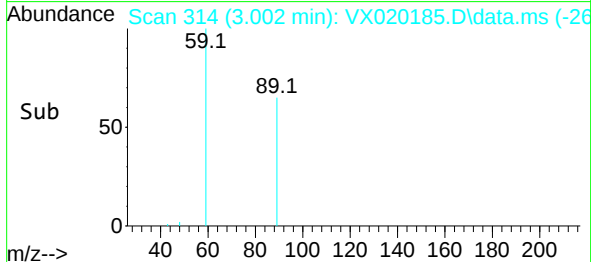
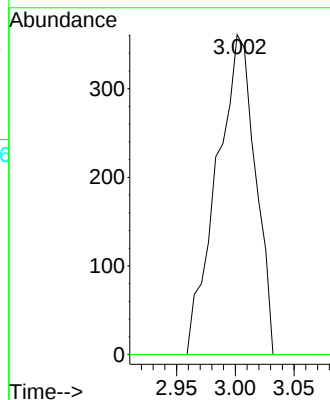
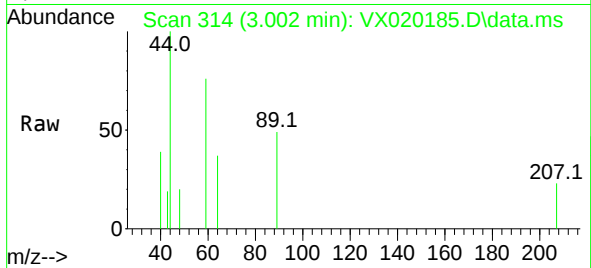




#11
Tert butyl alcohol
Concen: 0.95 ug/l
RT: 3.002 min Scan# 314
Delta R.T. -0.012 min
Lab File: VX020185.D
Acq: 19 Dec 2020 20:39

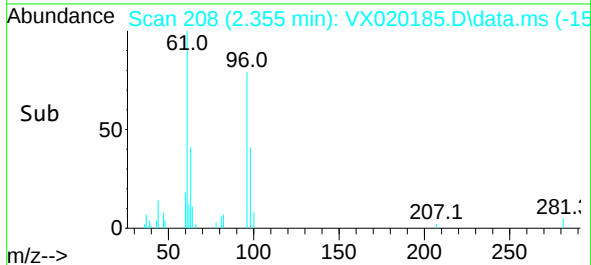
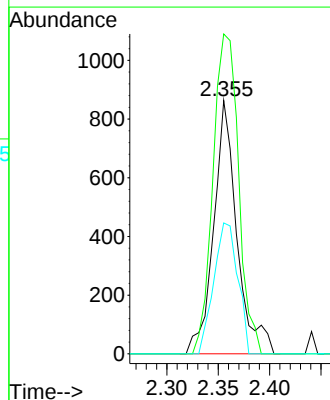
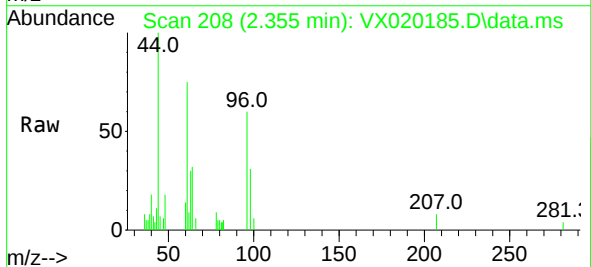
Instrument :
MSVOA_X
ClientSampleId :
49-MW031(DOB)-121220

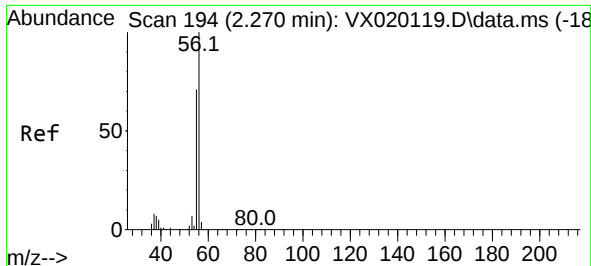
Tgt Ion: 59 Resp: 827
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 0.46 ug/l
RT: 2.355 min Scan# 208
Delta R.T. 0.000 min
Lab File: VX020185.D
Acq: 19 Dec 2020 20:39

Tgt Ion: 96 Resp: 1358
Ion Ratio Lower Upper
96 100
61 126.3 124.6 187.0
98 51.7 50.6 76.0

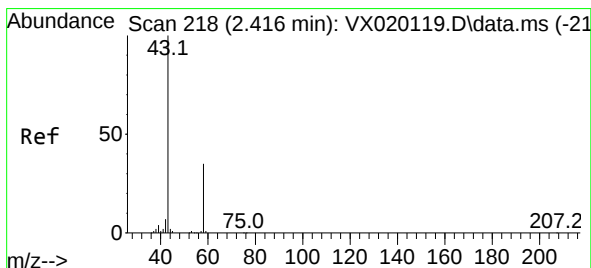
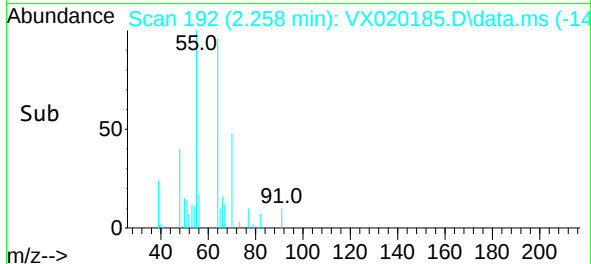
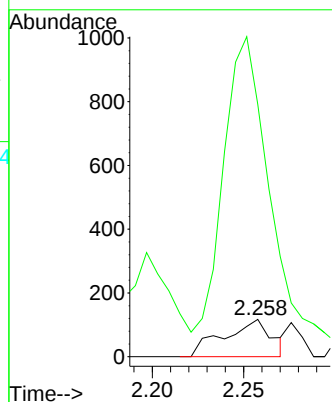
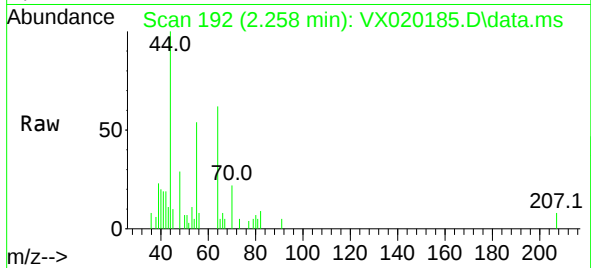




#13
Acrolein
Concen: 0.39 ug/l
RT: 2.258 min Scan# 192
Delta R.T. -0.012 min
Lab File: VX020185.D
Acq: 19 Dec 2020 20:39

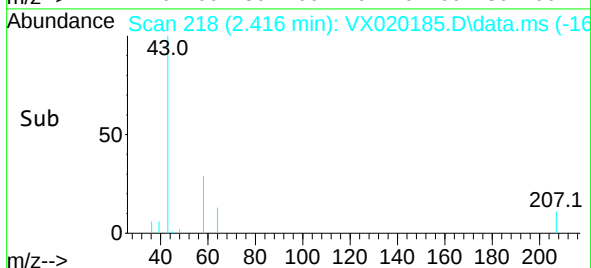
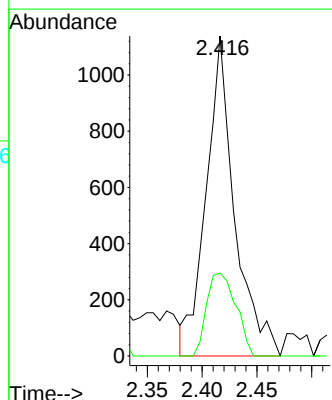
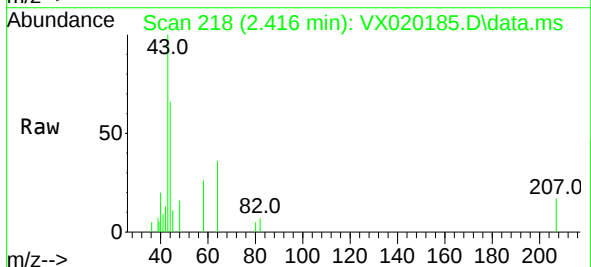
Instrument :
MSVOA_X
ClientSampleId :
49-MW031(DOB)-121220

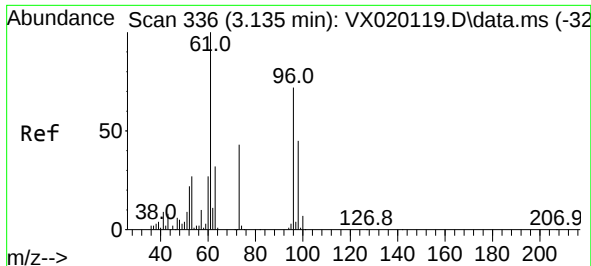
Tgt Ion: 56 Resp: 213
Ion Ratio Lower Upper
56 100
55 892.0 56.4 84.6#



#16
Acetone
Concen: 1.16 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020185.D
Acq: 19 Dec 2020 20:39

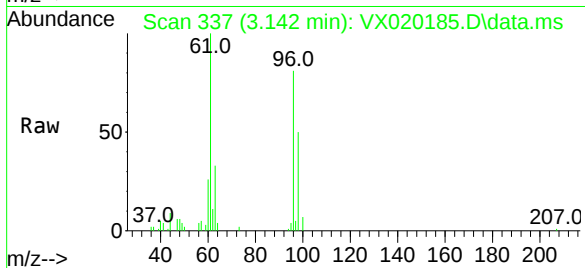
Tgt Ion: 43 Resp: 2054
Ion Ratio Lower Upper
43 100
58 25.9 27.8 41.8#



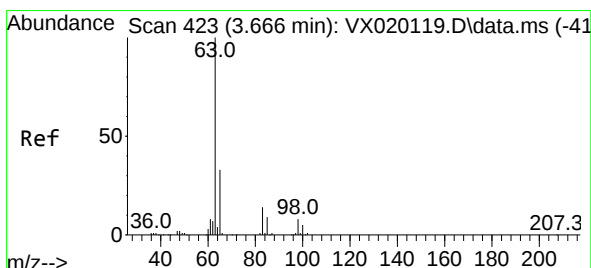
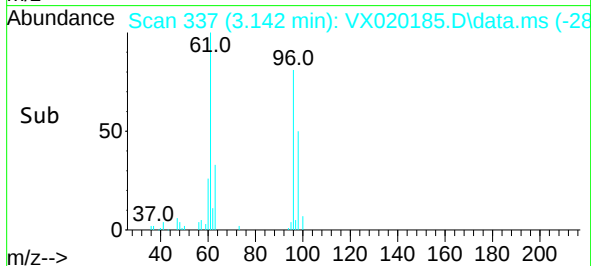
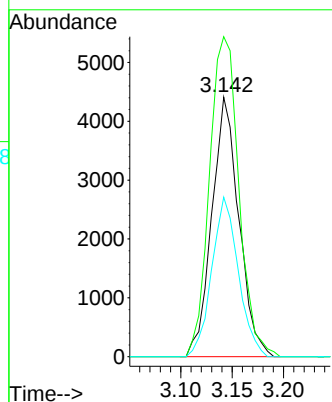


#21
trans-1,2-Dichloroethene
Concen: 2.25 ug/l
RT: 3.142 min Scan# 337
Delta R.T. 0.007 min
Lab File: VX020185.D
Acq: 19 Dec 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
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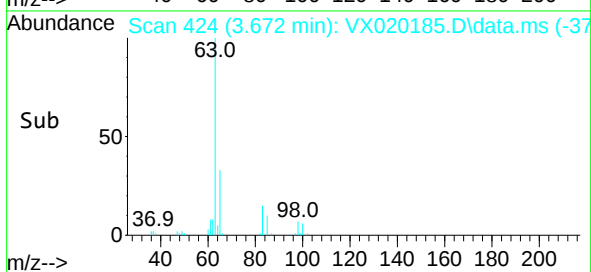
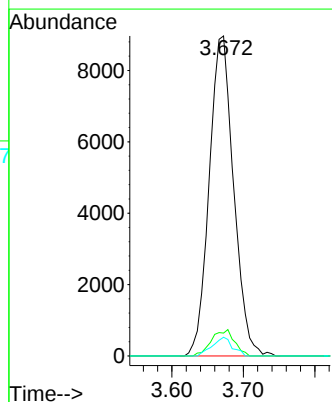
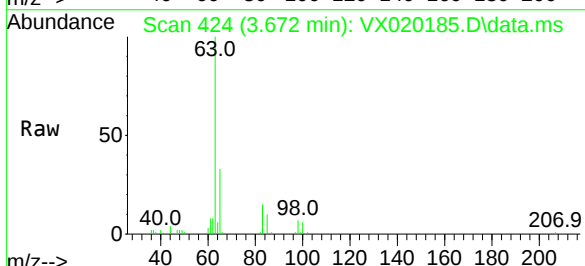


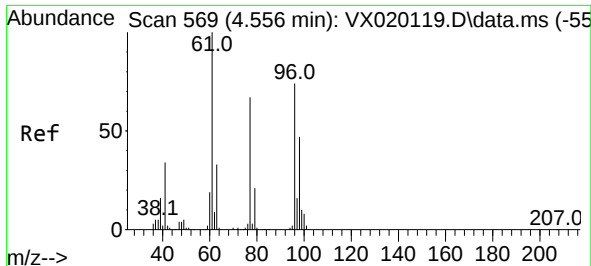
Tgt Ion: 96 Resp: 8061
Ion Ratio Lower Upper
96 100
61 123.3 107.7 161.5
98 61.5 50.4 75.6



#24
1,1-Dichloroethane
Concen: 3.38 ug/l
RT: 3.672 min Scan# 424
Delta R.T. 0.006 min
Lab File: VX020185.D
Acq: 19 Dec 2020 20:39

Tgt Ion: 63 Resp: 21260
Ion Ratio Lower Upper
63 100
98 7.1 3.8 11.2
100 5.9 2.5 7.5





#27

cis-1,2-Dichloroethene

Concen: 10.16 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.006 min

Lab File: VX020185.D

Acq: 19 Dec 2020 20:39

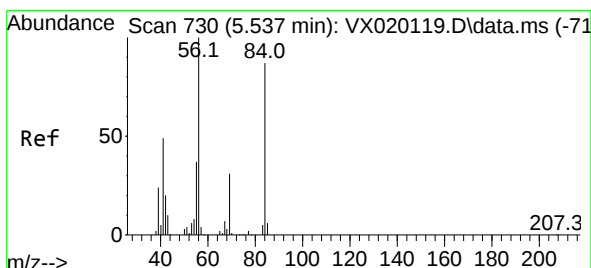
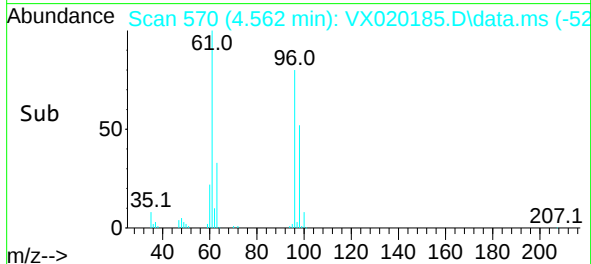
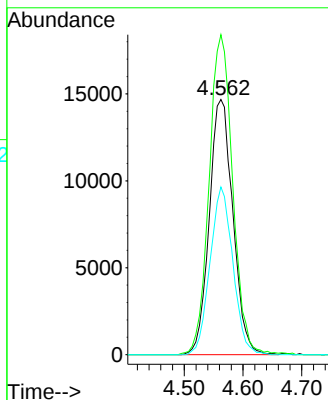
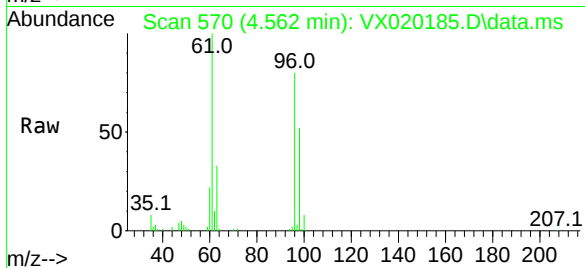
Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion:	96	Resp:	41041
Ion	Ratio	Lower	Upper
96	100		
61	125.4	0.0	285.6
98	63.4	0.0	129.6



#31

Cyclohexane

Concen: 1.08 ug/l

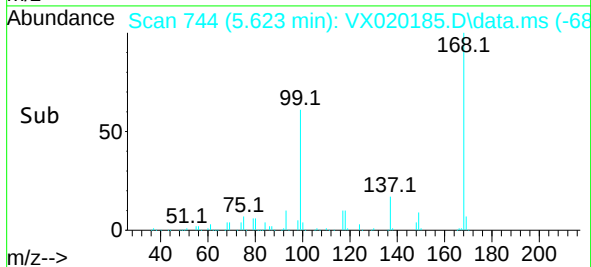
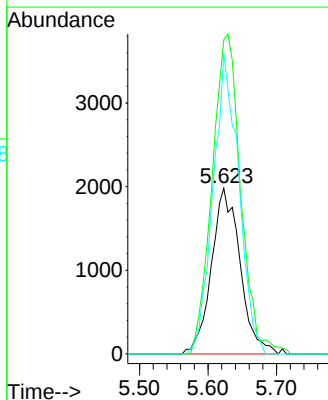
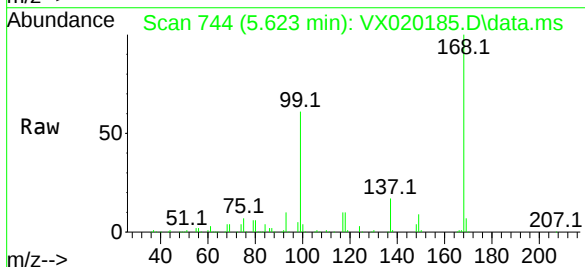
RT: 5.623 min Scan# 744

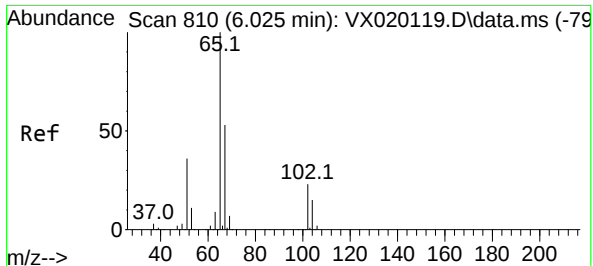
Delta R.T. 0.086 min

Lab File: VX020185.D

Acq: 19 Dec 2020 20:39

Tgt Ion:	56	Resp:	5747
Ion	Ratio	Lower	Upper
56	100		
69	189.7	25.3	37.9#
84	181.1	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 49.44 ug/l

RT: 6.032 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020185.D

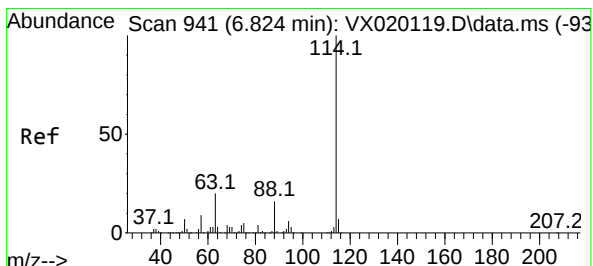
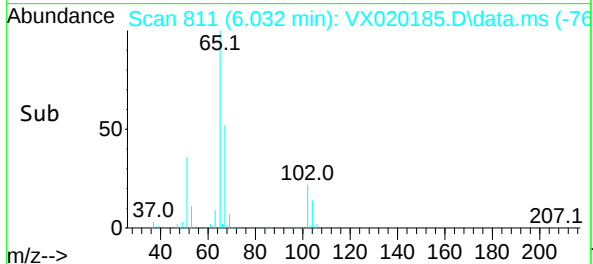
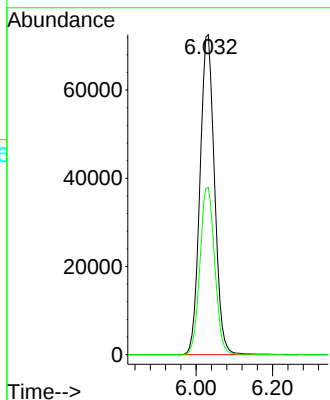
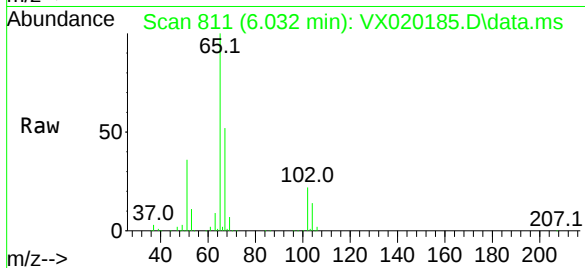
Acq: 19 Dec 2020 20:39

Tgt Ion: 65 Resp: 191404

Ion Ratio Lower Upper

65 100

67 53.2 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: VX020185.D

Acq: 19 Dec 2020 20:39

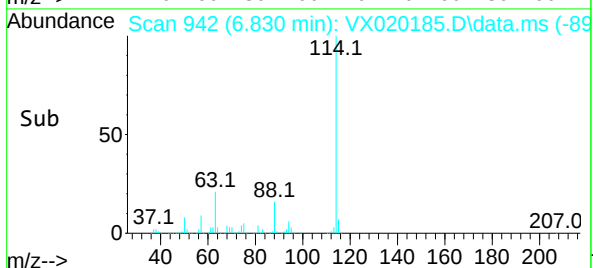
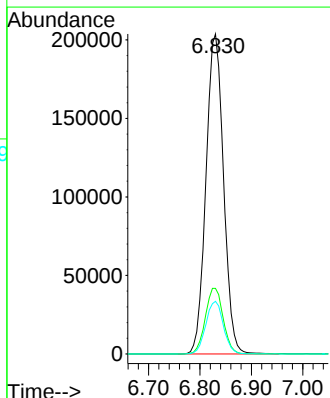
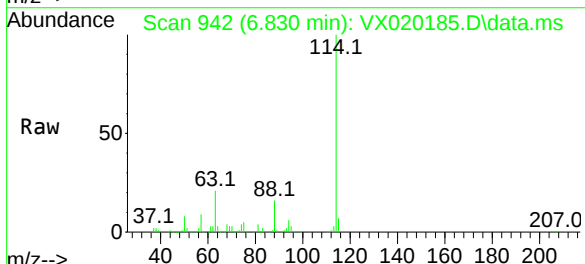
Tgt Ion: 114 Resp: 483579

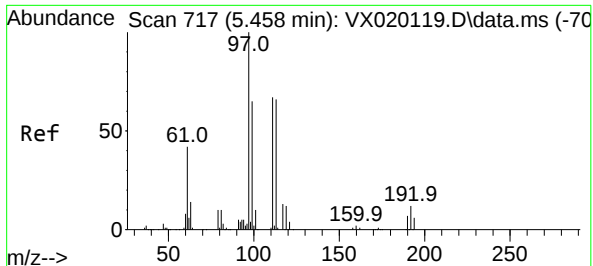
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

88 16.5 0.0 32.8

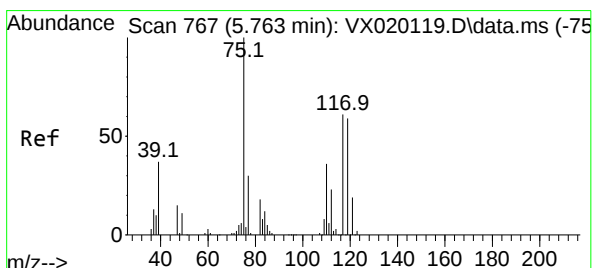
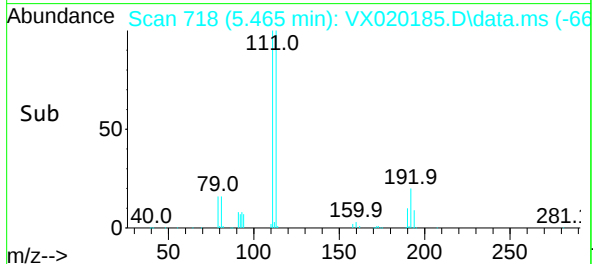
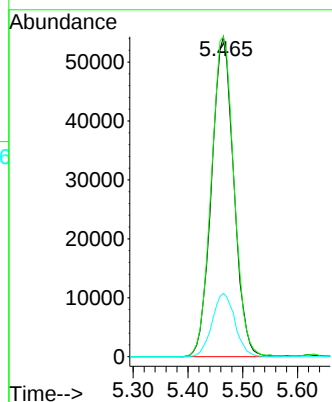
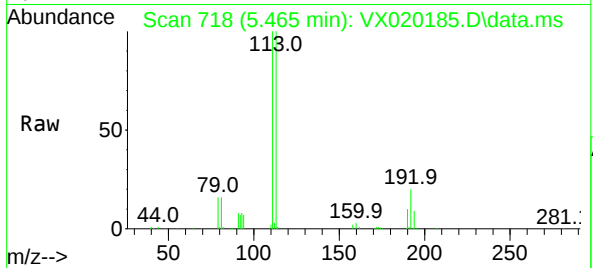




#35
Dibromofluoromethane
Concen: 49.47 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.007 min
Lab File: VX020185.D
Acq: 19 Dec 2020 20:39

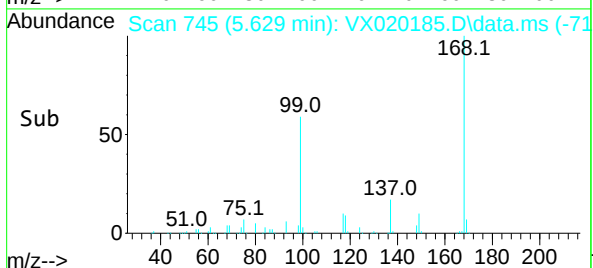
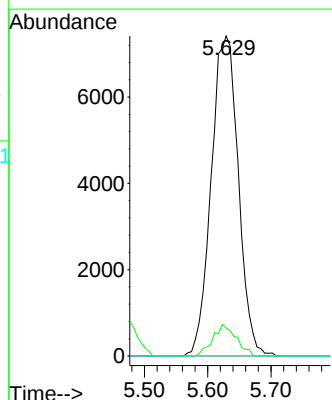
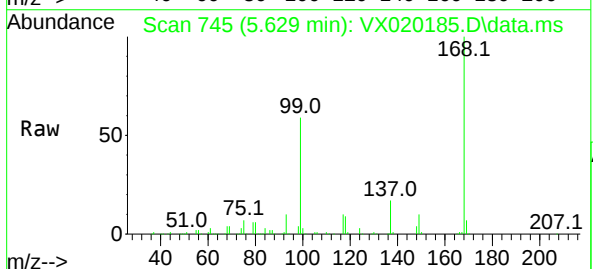
Instrument :
MSVOA_X
ClientSampleId :
49-MW031(DOB)-121220

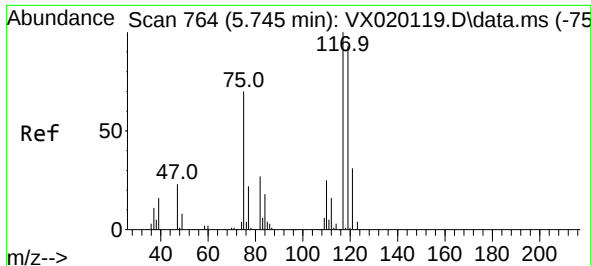
Tgt Ion:113 Resp: 153020
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 20.2 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.61 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020185.D
Acq: 19 Dec 2020 20:39

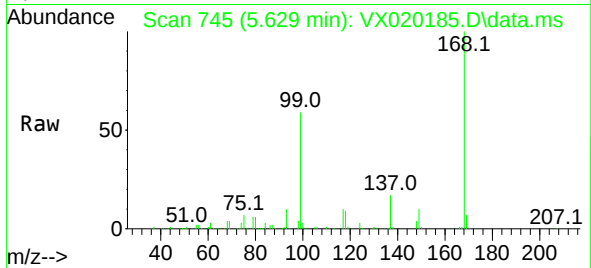
Tgt Ion: 75 Resp: 22024
Ion Ratio Lower Upper
75 100
110 8.5 18.1 54.4#
77 0.0 25.3 37.9#



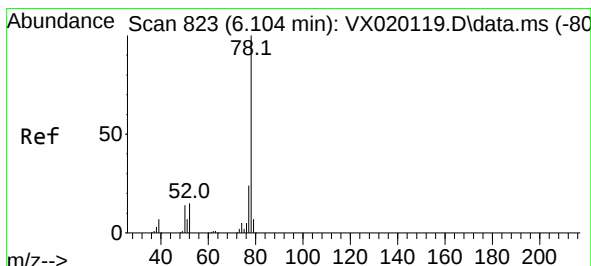
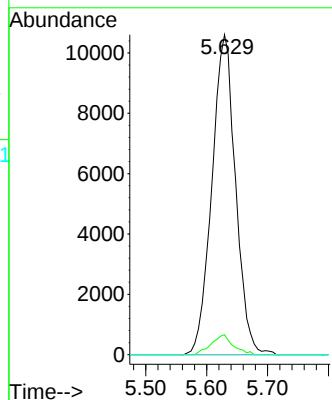
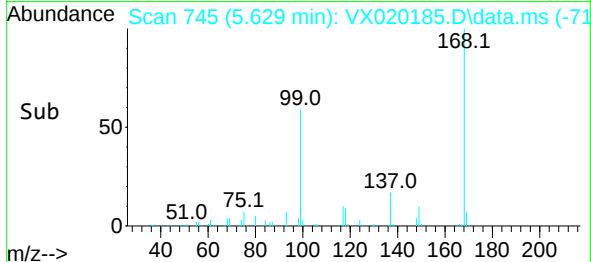


#38
Carbon Tetrachloride
Concen: 6.29 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020185.D
Acq: 19 Dec 2020 20:39

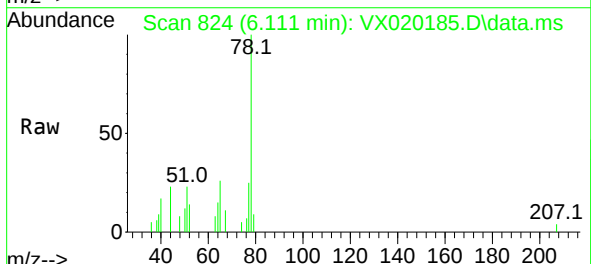
Instrument :
MSVOA_X
ClientSampleId :
49-MW031(DOB)-121220



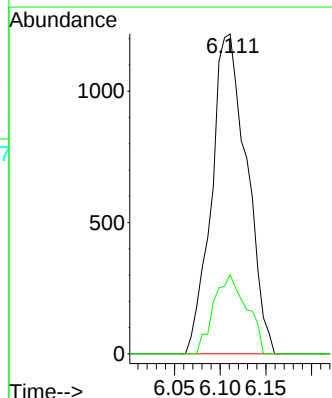
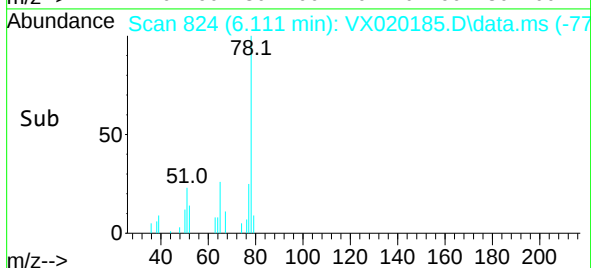
Tgt Ion:117 Resp: 28606
Ion Ratio Lower Upper
117 100
119 6.2 76.2 114.2#
121 0.0 24.8 37.2#

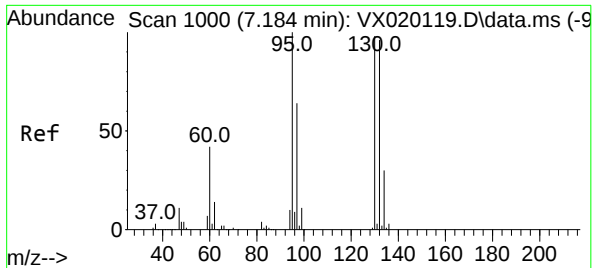


#40
Benzene
Concen: 0.22 ug/l
RT: 6.111 min Scan# 824
Delta R.T. 0.007 min
Lab File: VX020185.D
Acq: 19 Dec 2020 20:39



Tgt Ion: 78 Resp: 3259
Ion Ratio Lower Upper
78 100
77 24.7 18.9 28.3

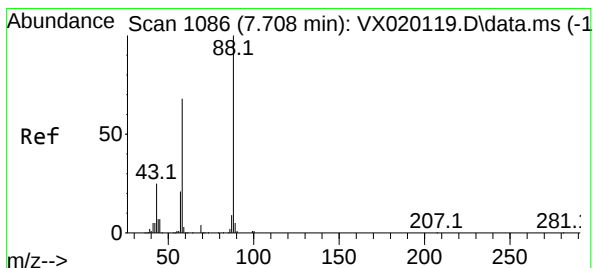
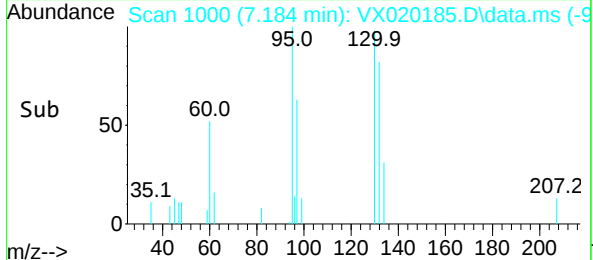
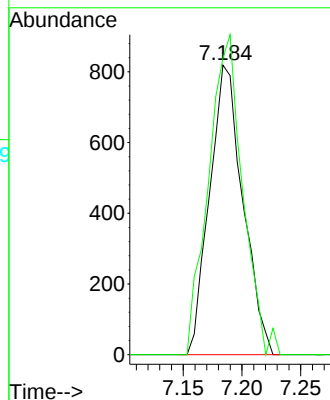
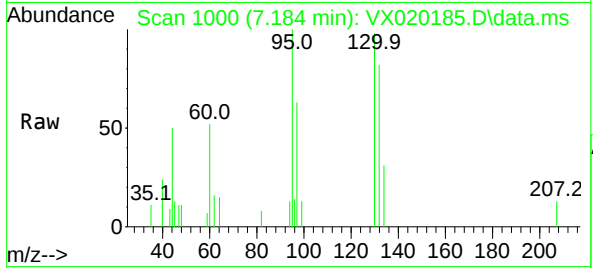




#44
Trichloroethene
Concen: 0.42 ug/l
RT: 7.184 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VX020185.D
Acq: 19 Dec 2020 20:39

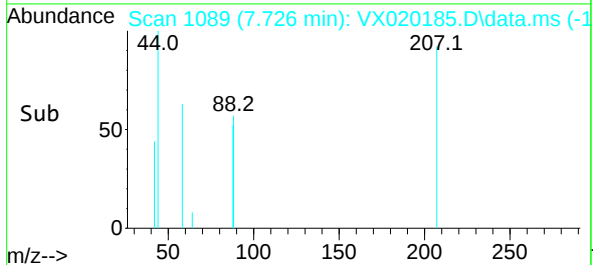
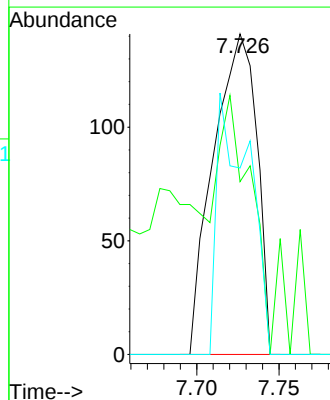
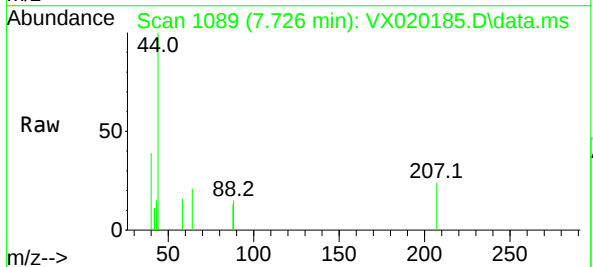
Instrument :
MSVOA_X
ClientSampleId :
49-MW031(DOB)-121220

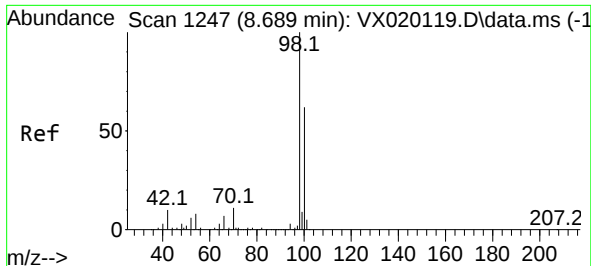
Tgt Ion:130 Resp: 1612
Ion Ratio Lower Upper
130 100
95 102.3 0.0 198.0



#49
1,4-Dioxane
Concen: 2.88 ug/l
RT: 7.726 min Scan# 1089
Delta R.T. 0.018 min
Lab File: VX020185.D
Acq: 19 Dec 2020 20:39

Tgt Ion: 88 Resp: 259
Ion Ratio Lower Upper
88 100
43 59.5 23.2 34.8#
58 60.6 55.0 82.4

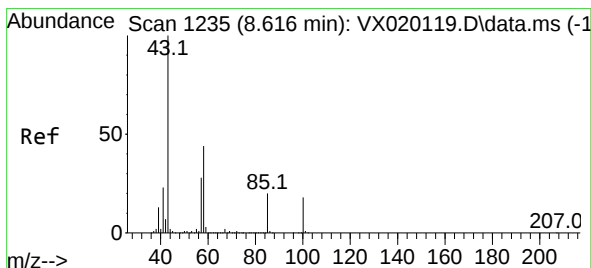
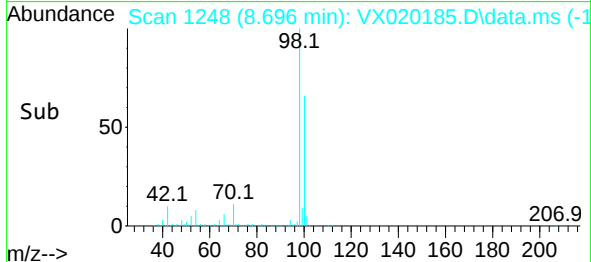
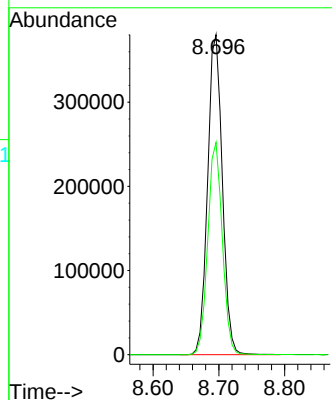
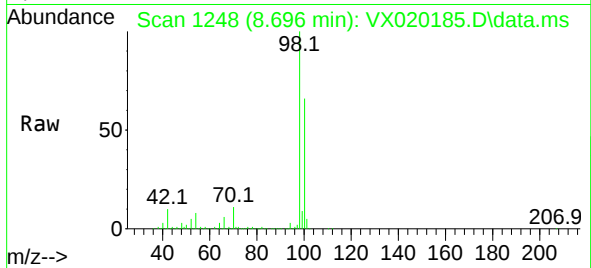




#50
Toluene-d8
Concen: 49.69 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020185.D
Acq: 19 Dec 2020 20:39

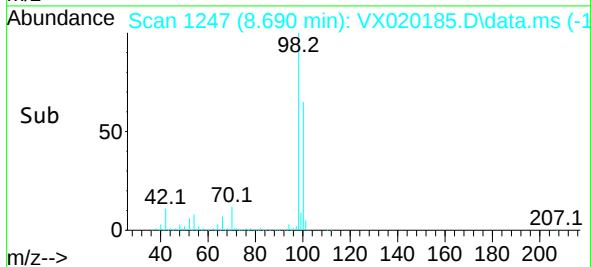
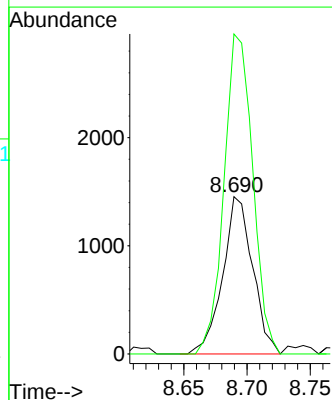
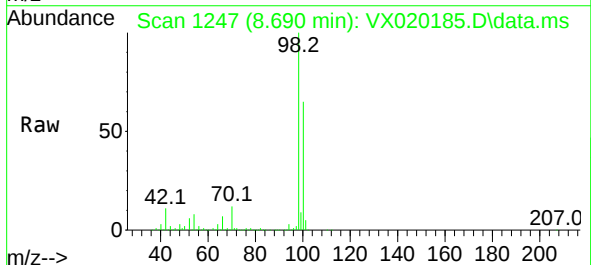
Instrument :
MSVOA_X
ClientSampleId :
49-MW031(DOB)-121220

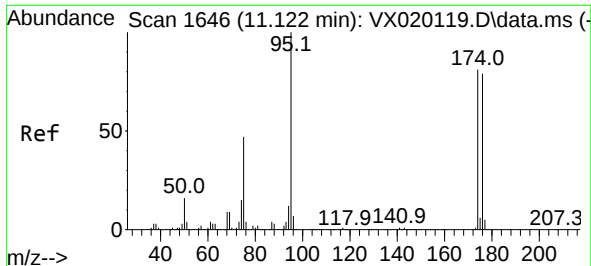
Tgt Ion: 98 Resp: 591706
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.49 ug/l
RT: 8.690 min Scan# 1247
Delta R.T. 0.074 min
Lab File: VX020185.D
Acq: 19 Dec 2020 20:39

Tgt Ion: 43 Resp: 2396
Ion Ratio Lower Upper
43 100
58 194.9 35.4 53.0#

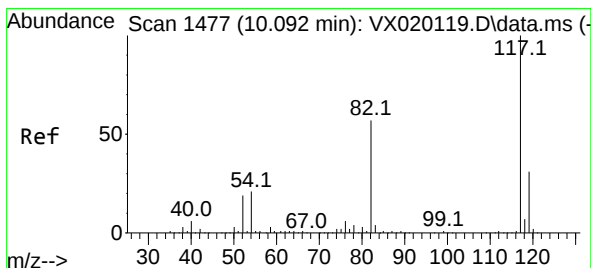
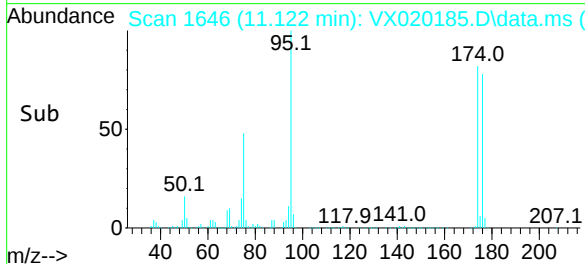
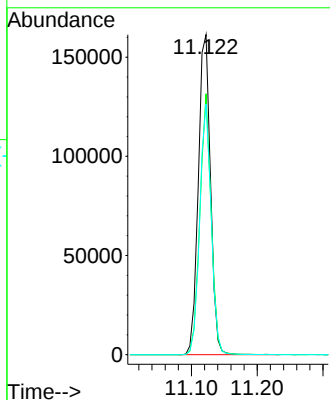
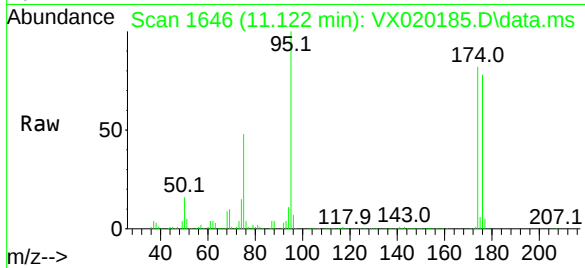




#62
4-Bromofluorobenzene
Concen: 45.57 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020185.D
Acq: 19 Dec 2020 20:39

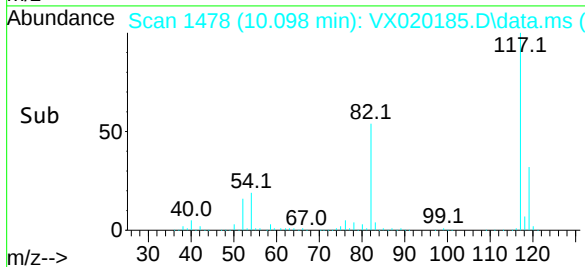
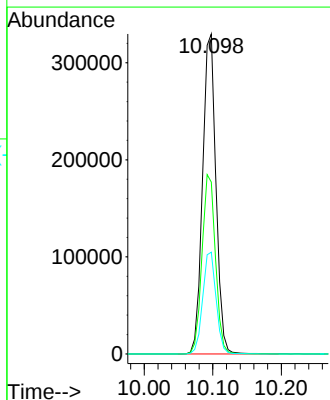
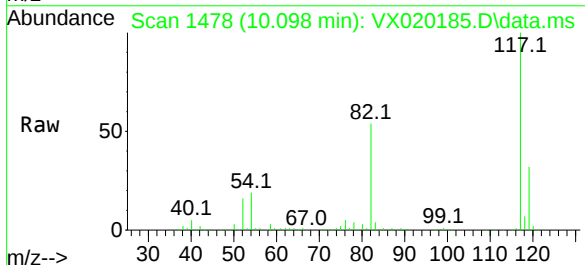
Instrument :
MSVOA_X
ClientSampleId :
49-MW031(DOB)-121220

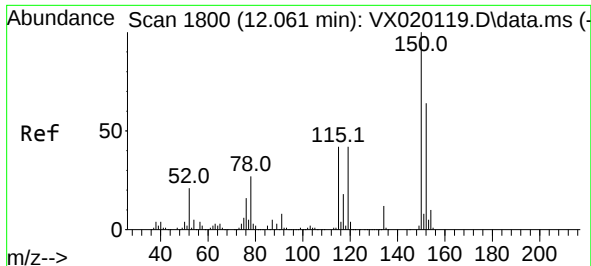
Tgt Ion: 95 Resp: 207696
Ion Ratio Lower Upper
95 100
174 75.5 0.0 154.6
176 73.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020185.D
Acq: 19 Dec 2020 20:39

Tgt Ion: 117 Resp: 447708
Ion Ratio Lower Upper
117 100
82 53.7 47.4 71.2
119 31.8 26.6 39.8

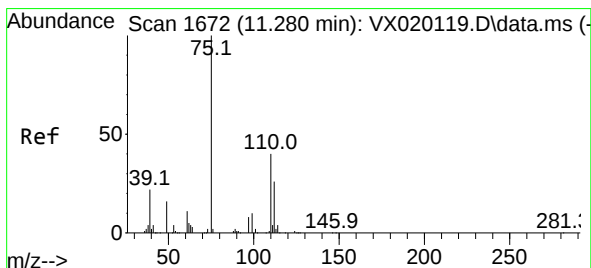
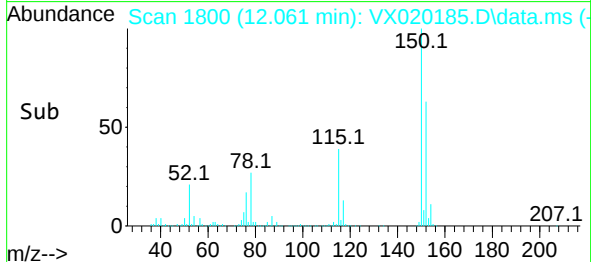
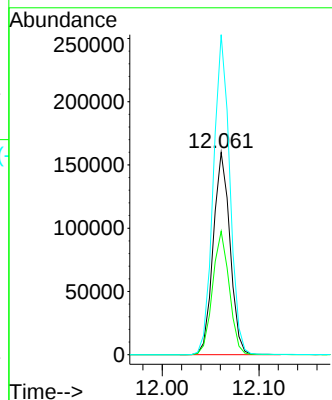
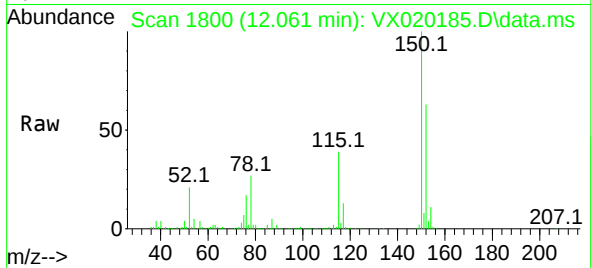




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020185.D
Acq: 19 Dec 2020 20:39

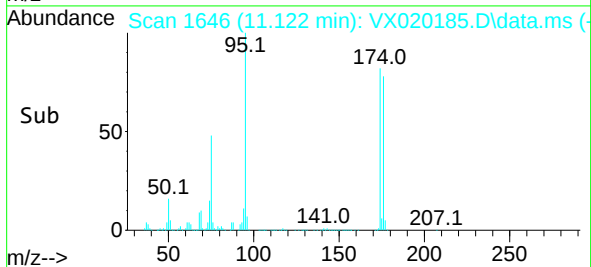
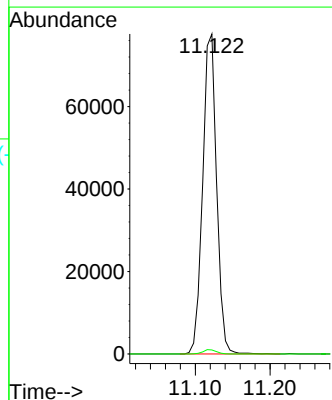
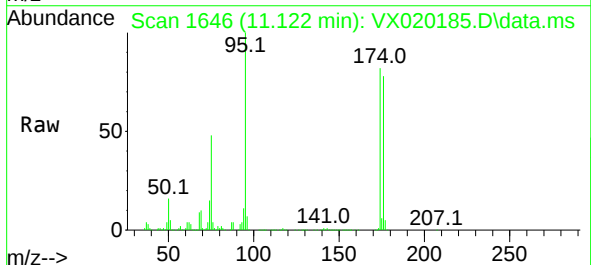
Instrument :
MSVOA_X
ClientSampleId :
49-MW031(DOB)-121220

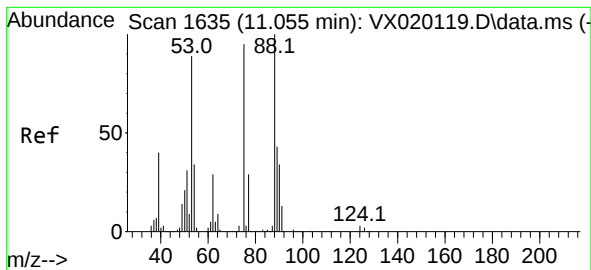
Tgt Ion:152 Resp: 192156
Ion Ratio Lower Upper
152 100
115 60.5 41.1 123.3
150 155.5 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 21.20 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020185.D
Acq: 19 Dec 2020 20:39

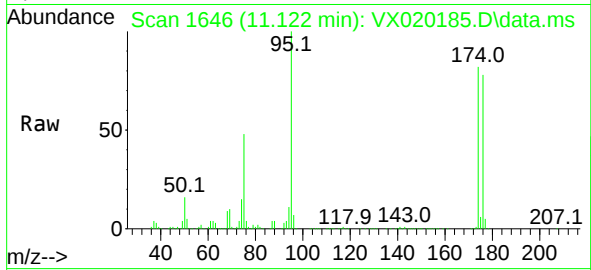
Tgt Ion: 75 Resp: 100324
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 62.88 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020185.D
Acq: 19 Dec 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
49-MW031(DOB)-121220



Tgt Ion: 75 Resp: 100324
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

