

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122220\
 Data File : VX020309.D
 Acq On : 22 Dec 2020 17:26
 Operator : JC/MD
 Sample : L5094-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 49-PZ003(SBR)-121320

Quant Time: Dec 23 00:33:09 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	289362	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	483086	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	452657	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	195892	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	187178	48.26	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.52%		
35) Dibromofluoromethane	5.464	113	152756	49.43	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.86%		
50) Toluene-d8	8.696	98	581386	48.87	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.74%		
62) 4-Bromofluorobenzene	11.122	95	212201	46.61	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.22%		
Target Compounds						Qvalue
5) Bromomethane	1.630	94	428	0.34	ug/l #	80
10) Methyl Iodide	2.489	142	127	3.32	ug/l #	62
11) Tert butyl alcohol	2.989	59	31770	36.58	ug/l #	79
16) Acetone	2.416	43	3754	2.12	ug/l	99
18) Methyl Acetate	2.745	43	996	0.25	ug/l #	81
25) 2-Butanone	4.660	43	1186	0.46	ug/l #	45
31) Cyclohexane	5.623	56	5670	1.06	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	22500	4.71	ug/l #	49
38) Carbon Tetrachloride	5.629	117	29051	6.40	ug/l #	16
40) Benzene	6.111	78	5099	0.34	ug/l #	81
76) 1,2,3-Trichloropropane	11.122	75	104254	21.61	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	104254	64.10	ug/l #	12

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

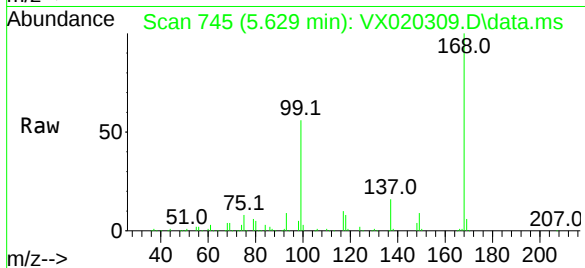
Quant Time: Dec 23 00:33:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration



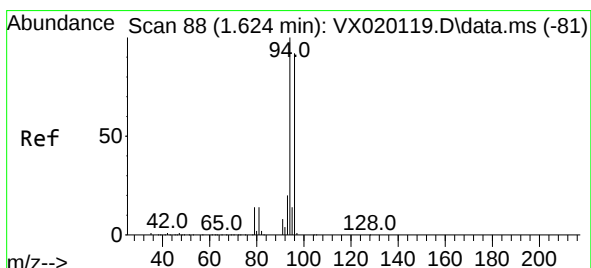
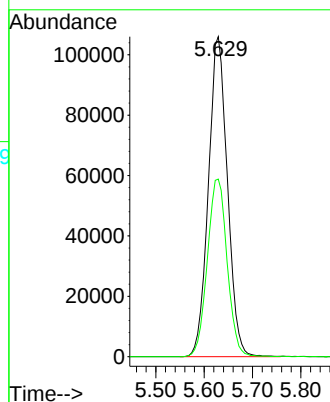
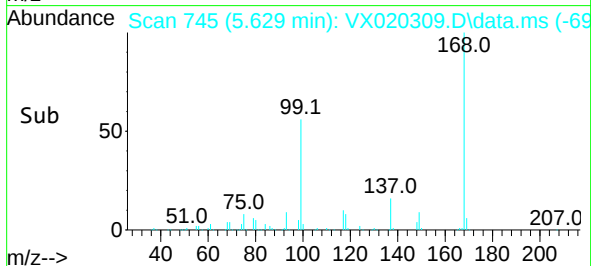


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020309.D
Acq: 22 Dec 2020 17:26

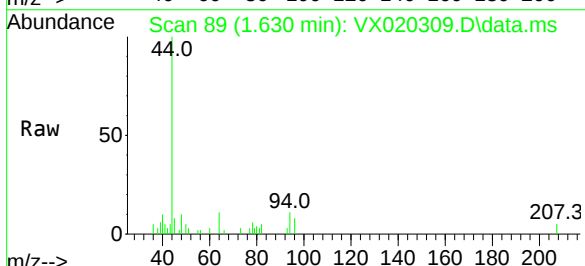
Instrument :
MSVOA_X
ClientSampleId :
49-PZ003(SBR)-121320



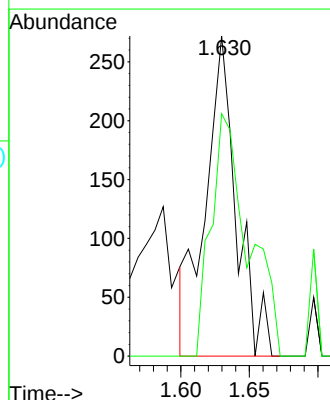
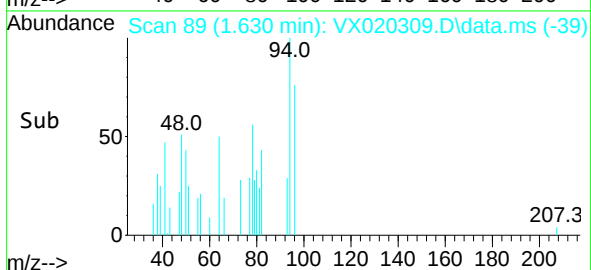
Tgt Ion:168 Resp: 289362
Ion Ratio Lower Upper
168 100
99 55.5 45.8 68.6

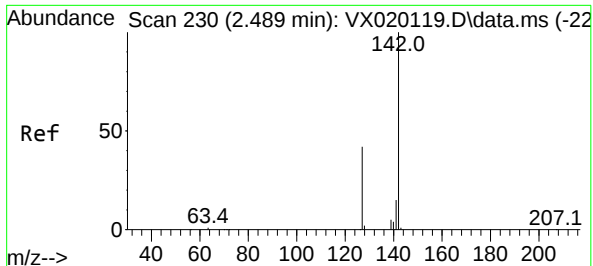


#5
Bromomethane
Concen: 0.34 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020309.D
Acq: 22 Dec 2020 17:26



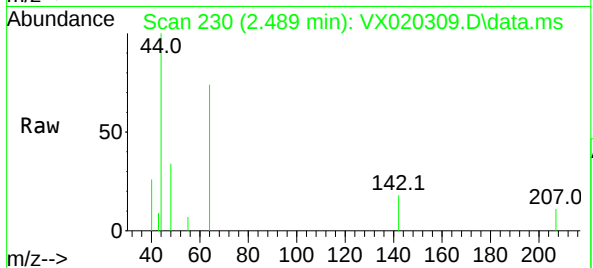
Tgt Ion: 94 Resp: 428
Ion Ratio Lower Upper
94 100
96 75.7 76.4 114.6#



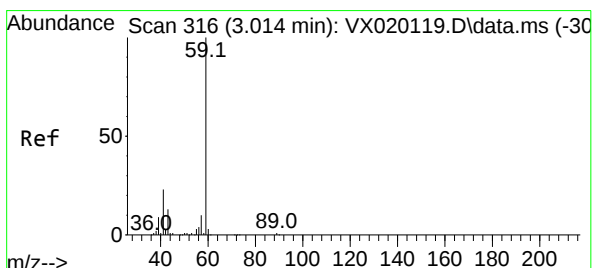
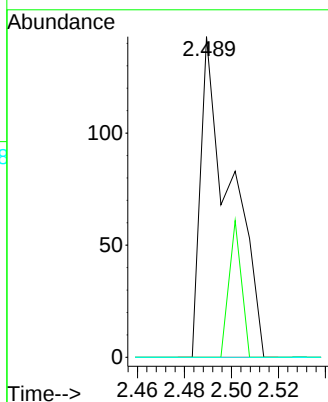
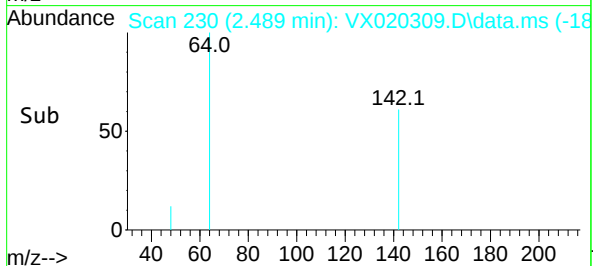


#10
Methyl Iodide
Concen: 3.32 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020309.D
Acq: 22 Dec 2020 17:26

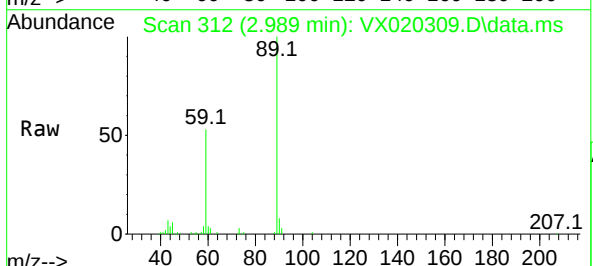
Instrument :
MSVOA_X
ClientSampleId :
49-PZ003(SBR)-121320



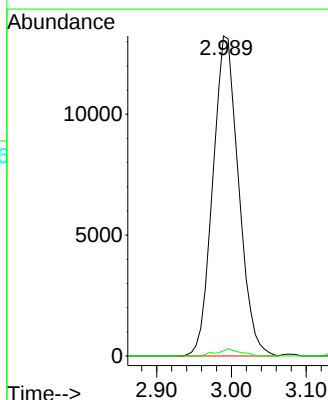
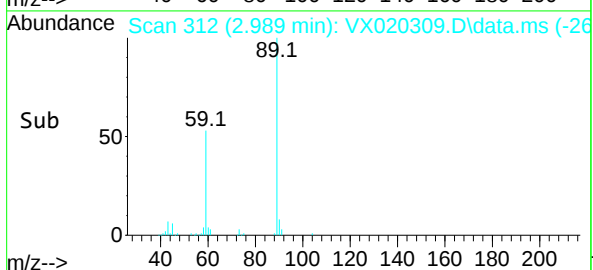
Tgt Ion:142 Resp: 127
Ion Ratio Lower Upper
142 100
127 17.3 33.3 49.9#
141 0.0 11.4 17.0#

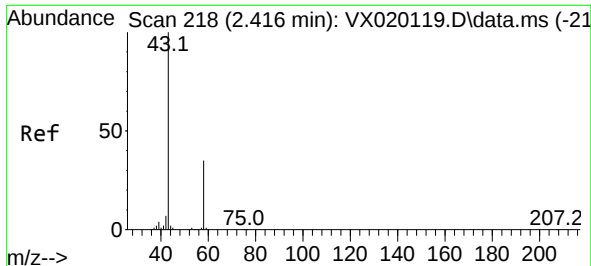


#11
Tert butyl alcohol
Concen: 36.58 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020309.D
Acq: 22 Dec 2020 17:26



Tgt Ion: 59 Resp: 31770
Ion Ratio Lower Upper
59 100
57 2.0 7.8 11.8#

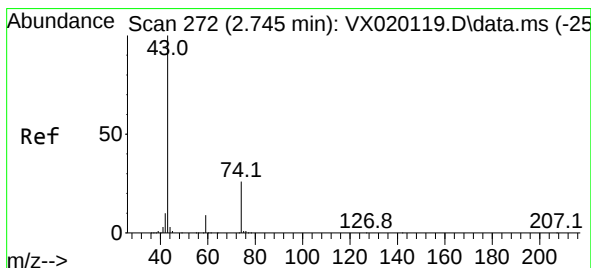
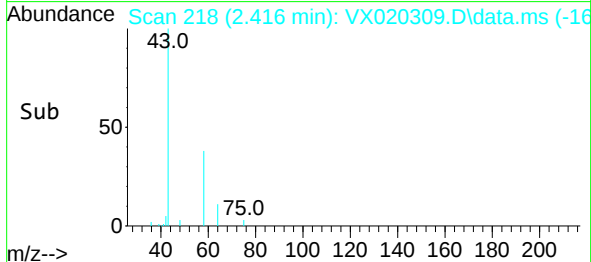
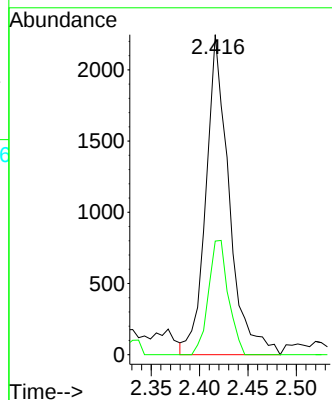
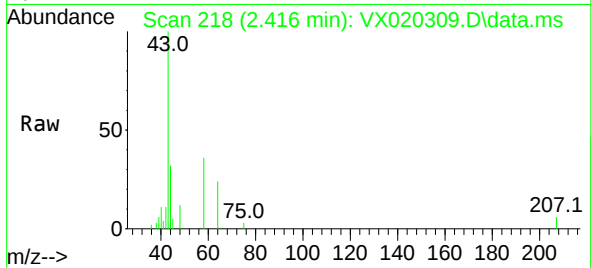




#16
Acetone
Concen: 2.12 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020309.D
Acq: 22 Dec 2020 17:26

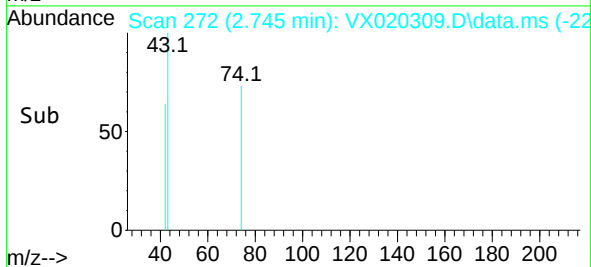
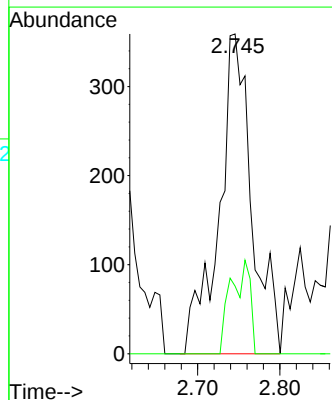
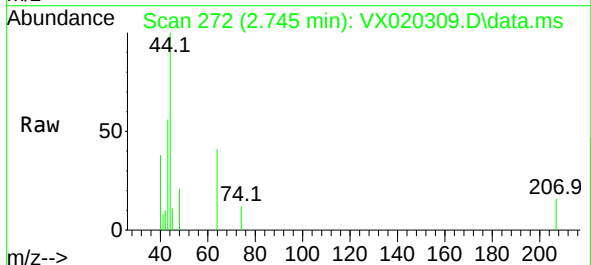
Instrument :
MSVOA_X
ClientSampleId :
49-PZ003(SBR)-121320

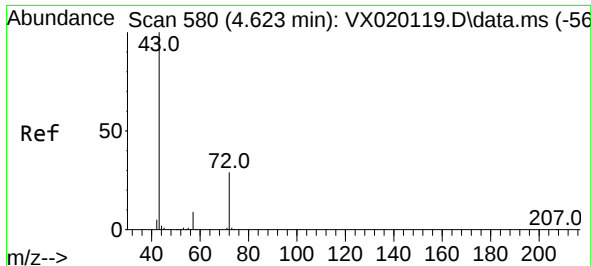
Tgt Ion: 43 Resp: 3754
Ion Ratio Lower Upper
43 100
58 35.5 27.8 41.8



#18
Methyl Acetate
Concen: 0.25 ug/l
RT: 2.745 min Scan# 272
Delta R.T. 0.000 min
Lab File: VX020309.D
Acq: 22 Dec 2020 17:26

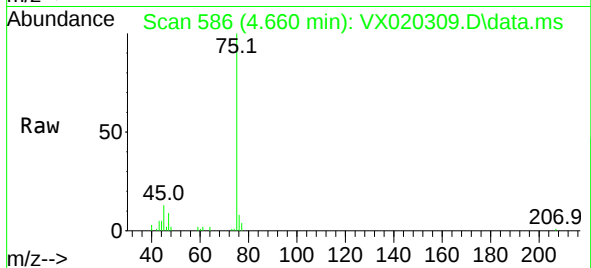
Tgt Ion: 43 Resp: 996
Ion Ratio Lower Upper
43 100
74 17.3 21.9 32.9#



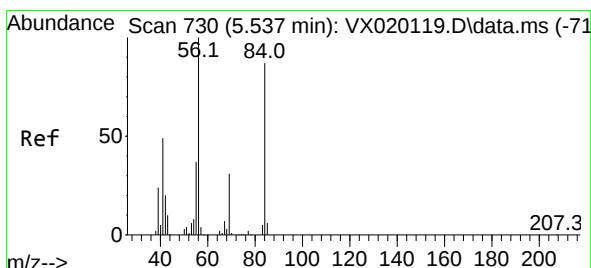
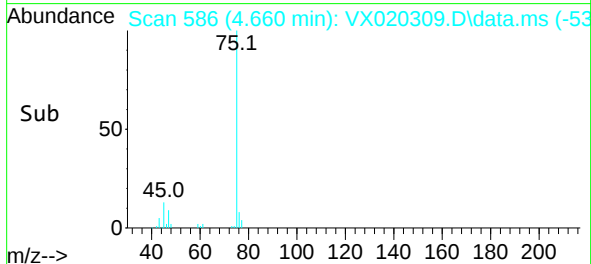
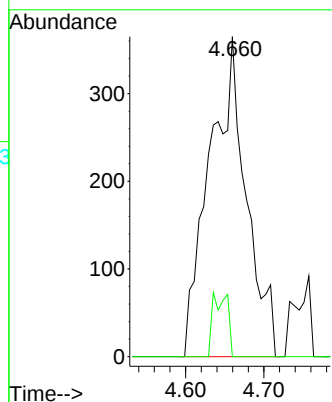


#25
2-Butanone
Concen: 0.46 ug/l
RT: 4.660 min Scan# 586
Delta R.T. 0.037 min
Lab File: VX020309.D
Acq: 22 Dec 2020 17:26

Instrument :
MSVOA_X
ClientSampleId :
49-PZ003(SBR)-121320

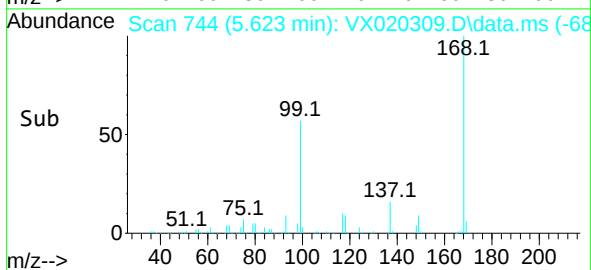
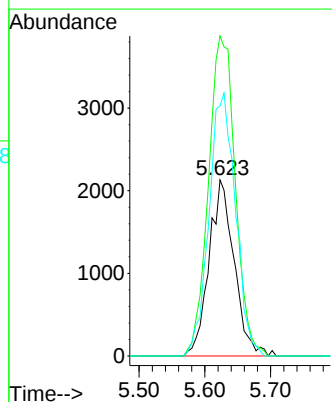
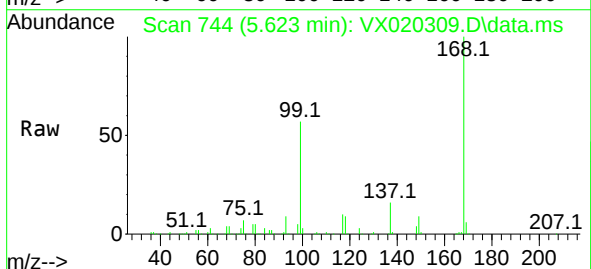


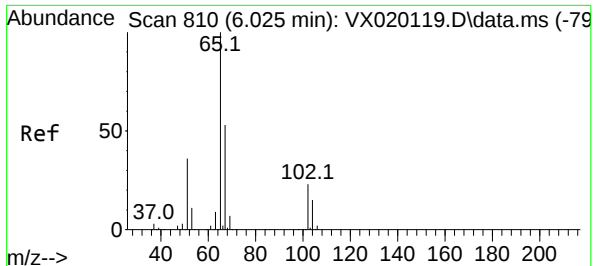
Tgt Ion: 43 Resp: 1186
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 1.06 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020309.D
Acq: 22 Dec 2020 17:26

Tgt Ion: 56 Resp: 5670
Ion Ratio Lower Upper
56 100
69 181.8 25.3 37.9#
84 142.1 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 48.26 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020309.D

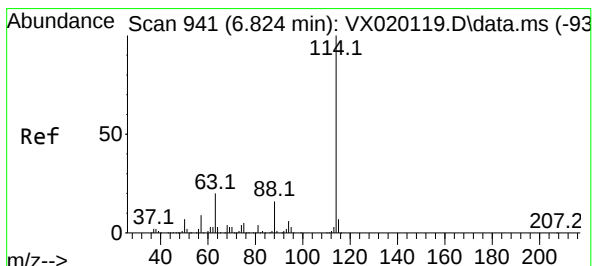
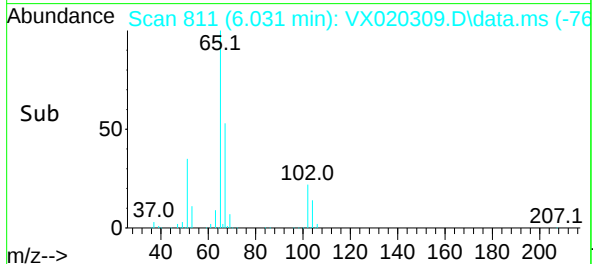
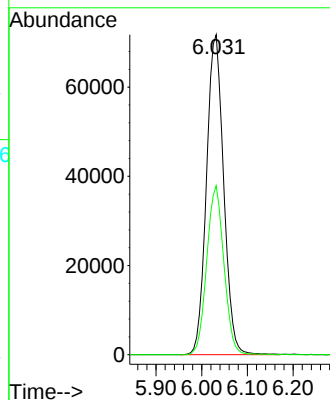
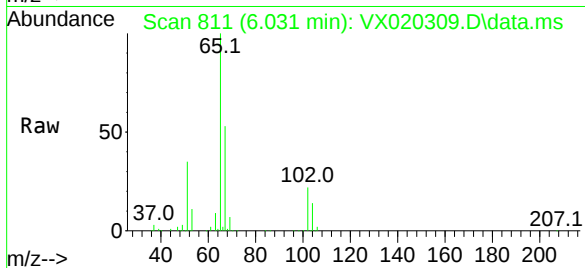
Acq: 22 Dec 2020 17:26

Tgt Ion: 65 Resp: 187178

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: VX020309.D

Acq: 22 Dec 2020 17:26

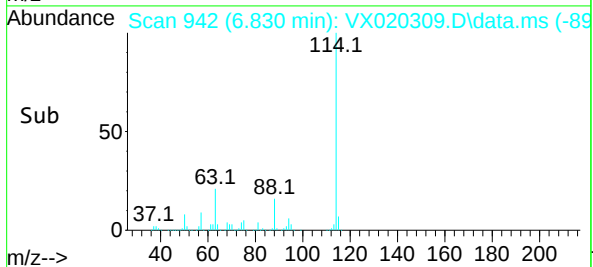
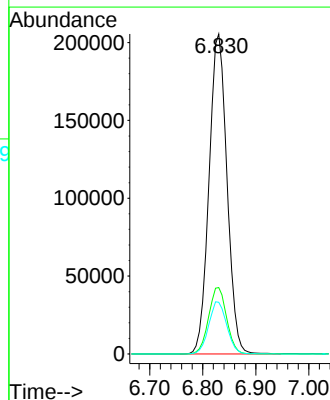
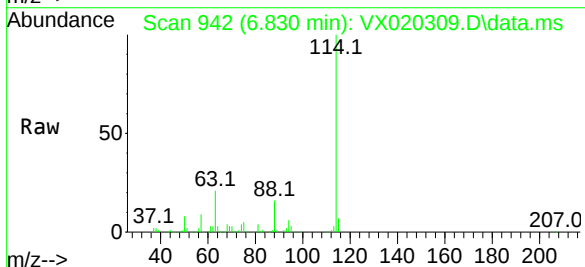
Tgt Ion: 114 Resp: 483086

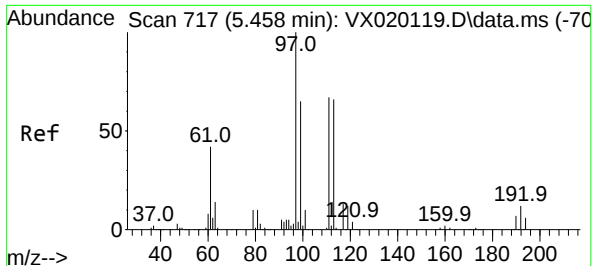
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.8

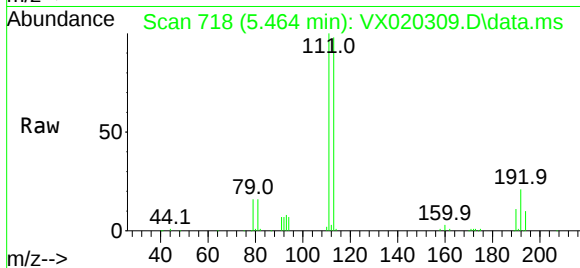
88 16.1 0.0 32.8



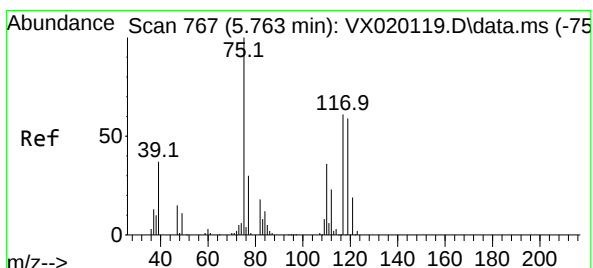
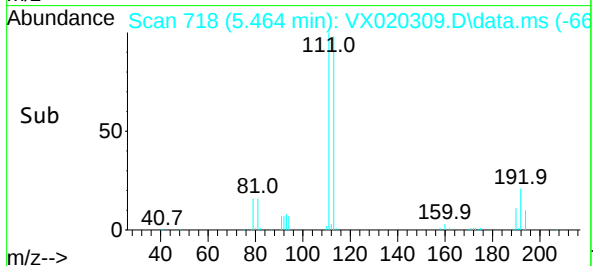
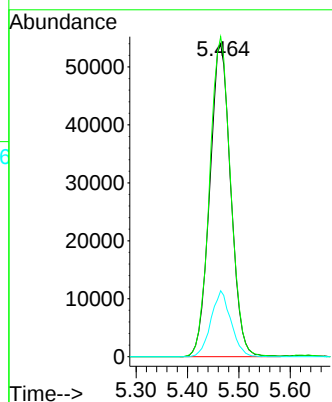


#35
Dibromofluoromethane
Concen: 49.43 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020309.D
Acq: 22 Dec 2020 17:26

Instrument :
MSVOA_X
ClientSampleId :
49-PZ003(SBR)-121320

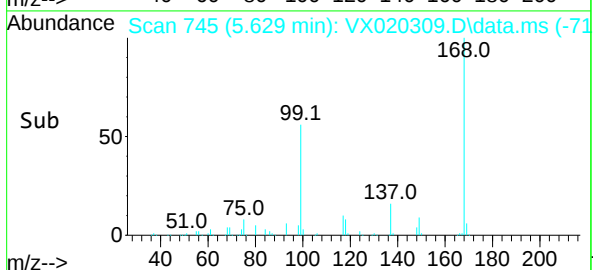
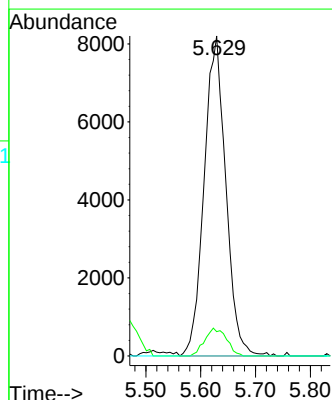
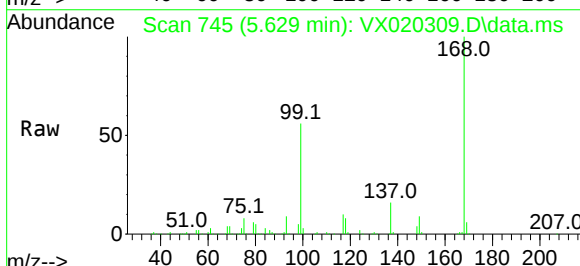


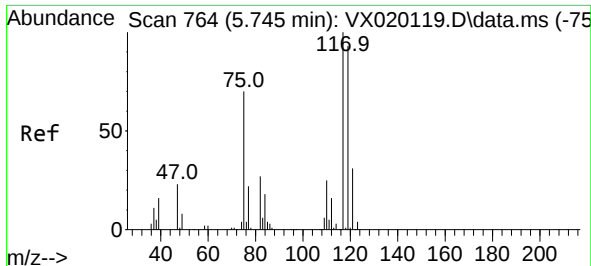
Tgt Ion:113 Resp: 152756
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 20.1 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.71 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020309.D
Acq: 22 Dec 2020 17:26

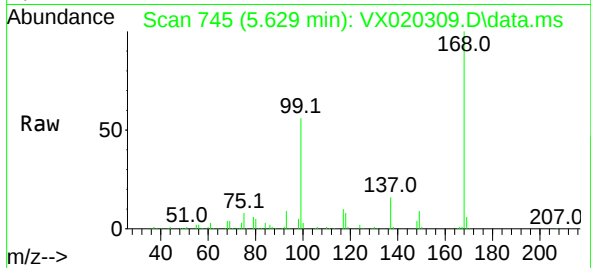
Tgt Ion: 75 Resp: 22500
Ion Ratio Lower Upper
75 100
110 8.8 18.1 54.4#
77 0.0 25.3 37.9#



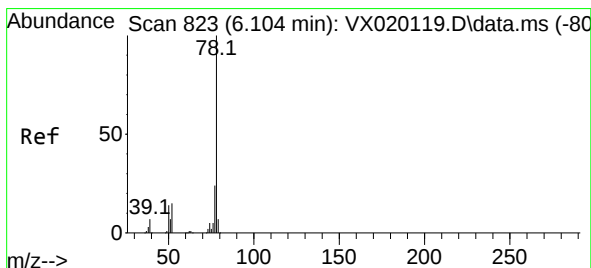
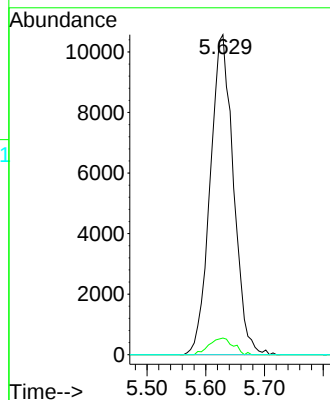
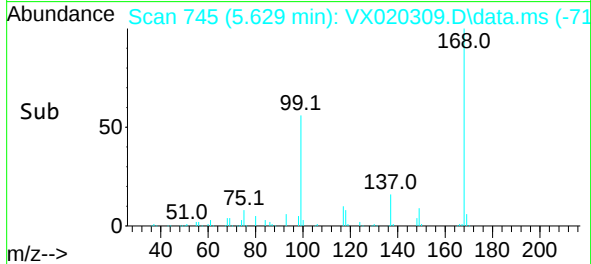


#38
Carbon Tetrachloride
Concen: 6.40 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020309.D
Acq: 22 Dec 2020 17:26

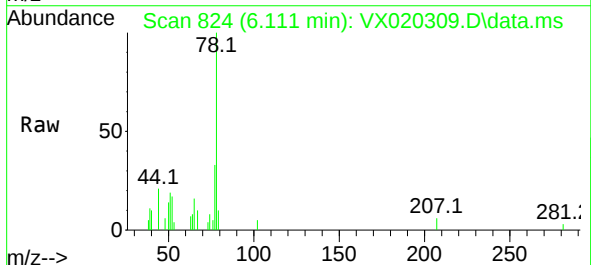
Instrument :
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49-PZ003(SBR)-121320



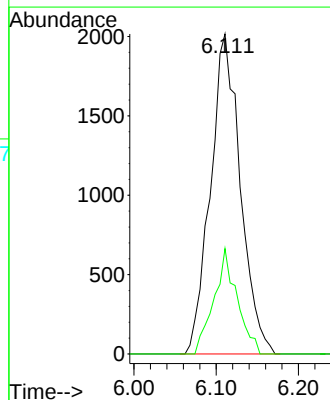
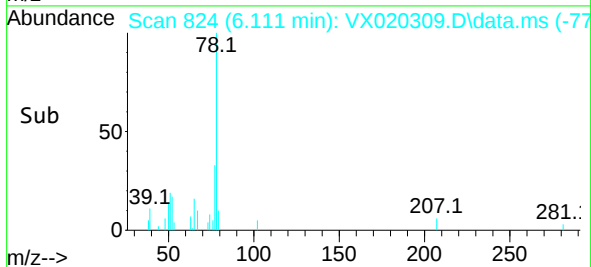
Tgt Ion:117 Resp: 29051
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.8 37.2#

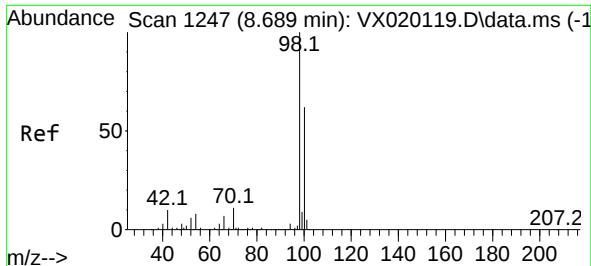


#40
Benzene
Concen: 0.34 ug/l
RT: 6.111 min Scan# 824
Delta R.T. 0.007 min
Lab File: VX020309.D
Acq: 22 Dec 2020 17:26



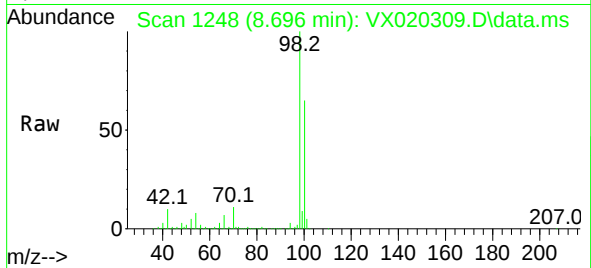
Tgt Ion: 78 Resp: 5099
Ion Ratio Lower Upper
78 100
77 33.0 18.9 28.3#



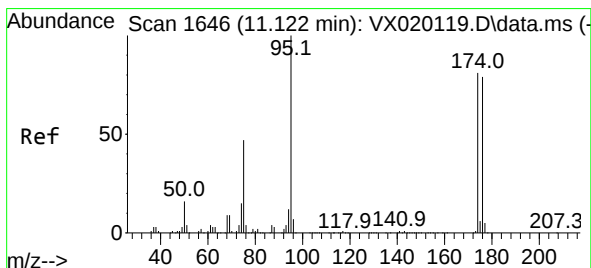
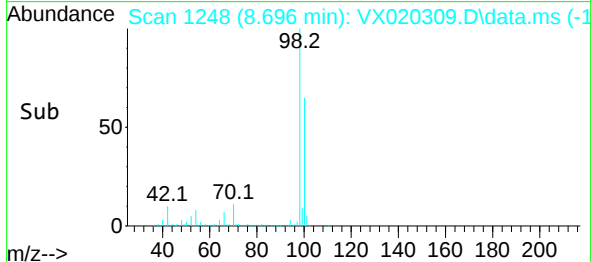
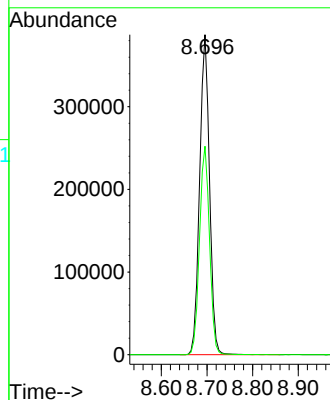


#50
Toluene-d8
Concen: 48.87 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020309.D
Acq: 22 Dec 2020 17:26

Instrument :
MSVOA_X
ClientSampleId :
49-PZ003(SBR)-121320

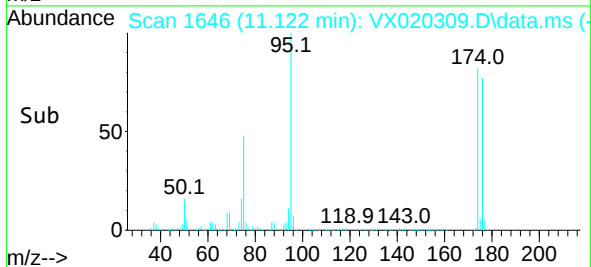
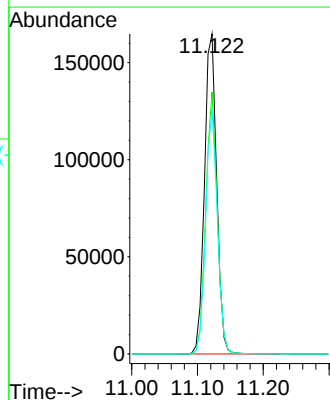
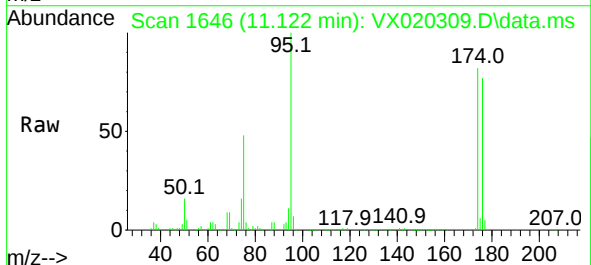


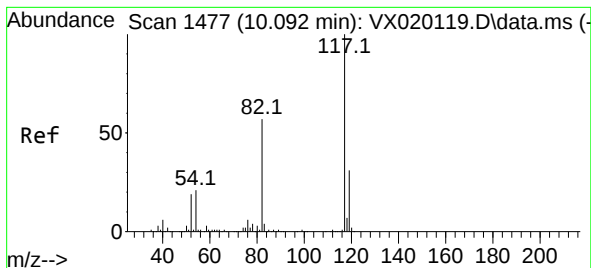
Tgt Ion: 98 Resp: 581386
Ion Ratio Lower Upper
98 100
100 66.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.61 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020309.D
Acq: 22 Dec 2020 17:26

Tgt Ion: 95 Resp: 212201
Ion Ratio Lower Upper
95 100
174 77.8 0.0 154.6
176 73.2 0.0 155.8

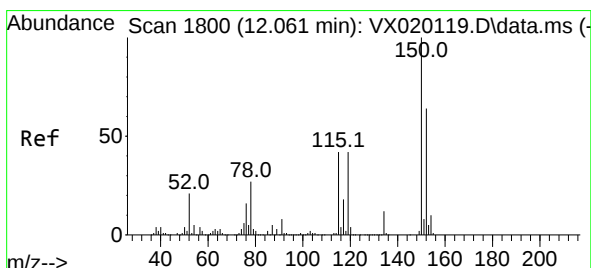
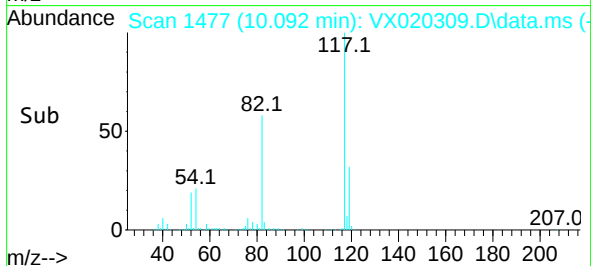
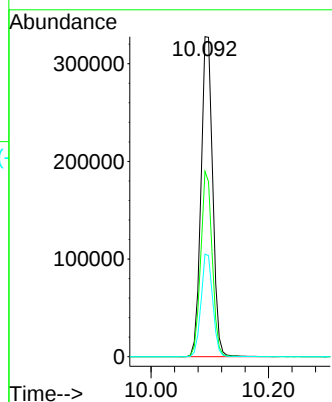
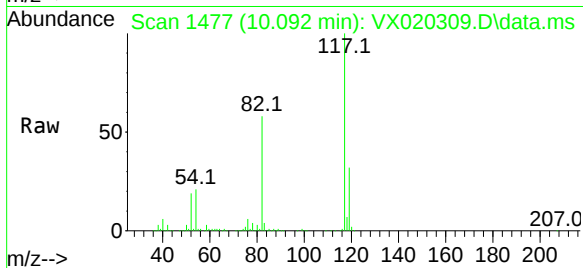




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020309.D
Acq: 22 Dec 2020 17:26

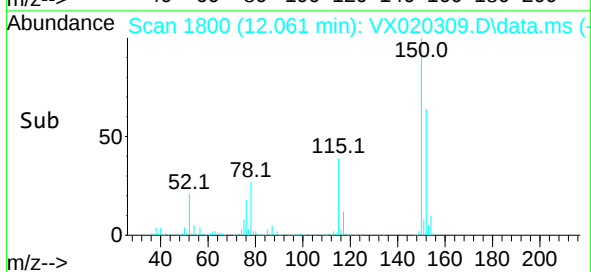
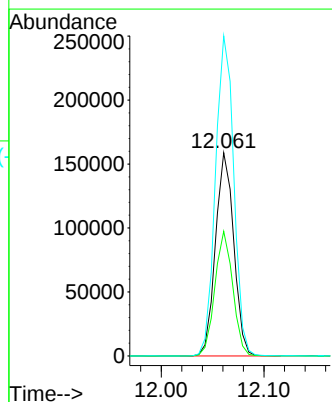
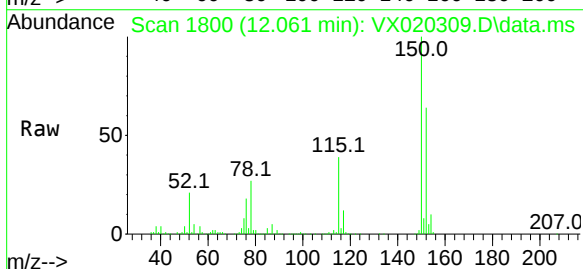
Instrument :
MSVOA_X
ClientSampleId :
49-PZ003(SBR)-121320

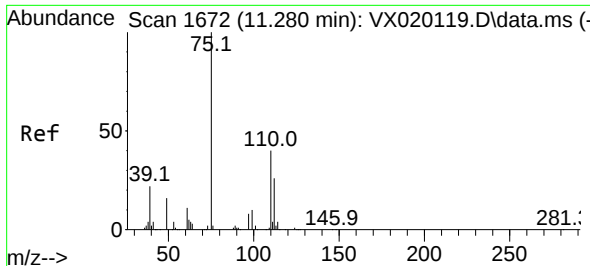
Tgt Ion:117 Resp: 452657
Ion Ratio Lower Upper
117 100
82 57.9 47.4 71.2
119 32.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020309.D
Acq: 22 Dec 2020 17:26

Tgt Ion:152 Resp: 195892
Ion Ratio Lower Upper
152 100
115 60.0 41.1 123.3
150 158.1 0.0 349.0

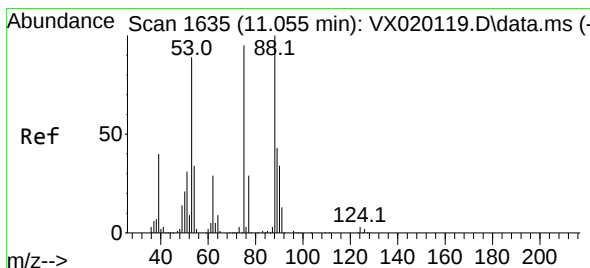
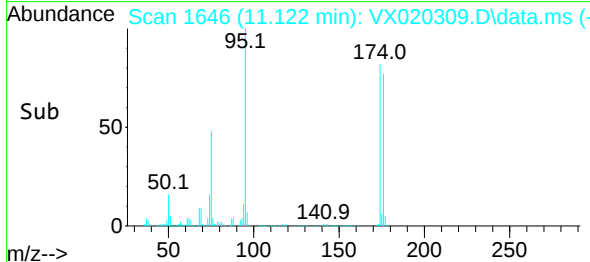
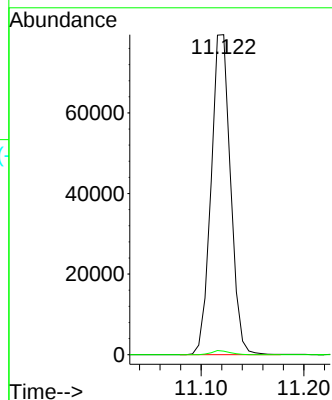
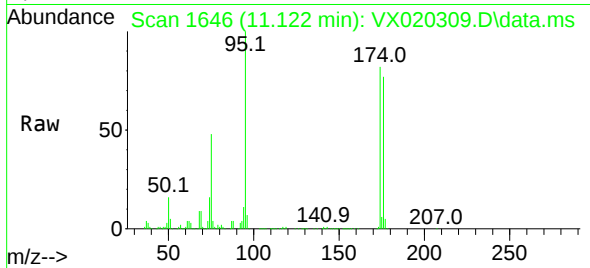




#76
1,2,3-Trichloropropane
Concen: 21.61 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020309.D
Acq: 22 Dec 2020 17:26

Instrument :
MSVOA_X
ClientSampleId :
49-PZ003(SBR)-121320

Tgt Ion: 75 Resp: 104254
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.10 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020309.D
Acq: 22 Dec 2020 17:26

Tgt Ion: 75 Resp: 104254
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

