

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081821\
 Data File : VX023814.D
 Acq On : 18 Aug 2021 14:16
 Operator : JC/MD
 Sample : M3433-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-VPB-RW7-GW-200-202

Quant Time: Aug 18 15:04:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

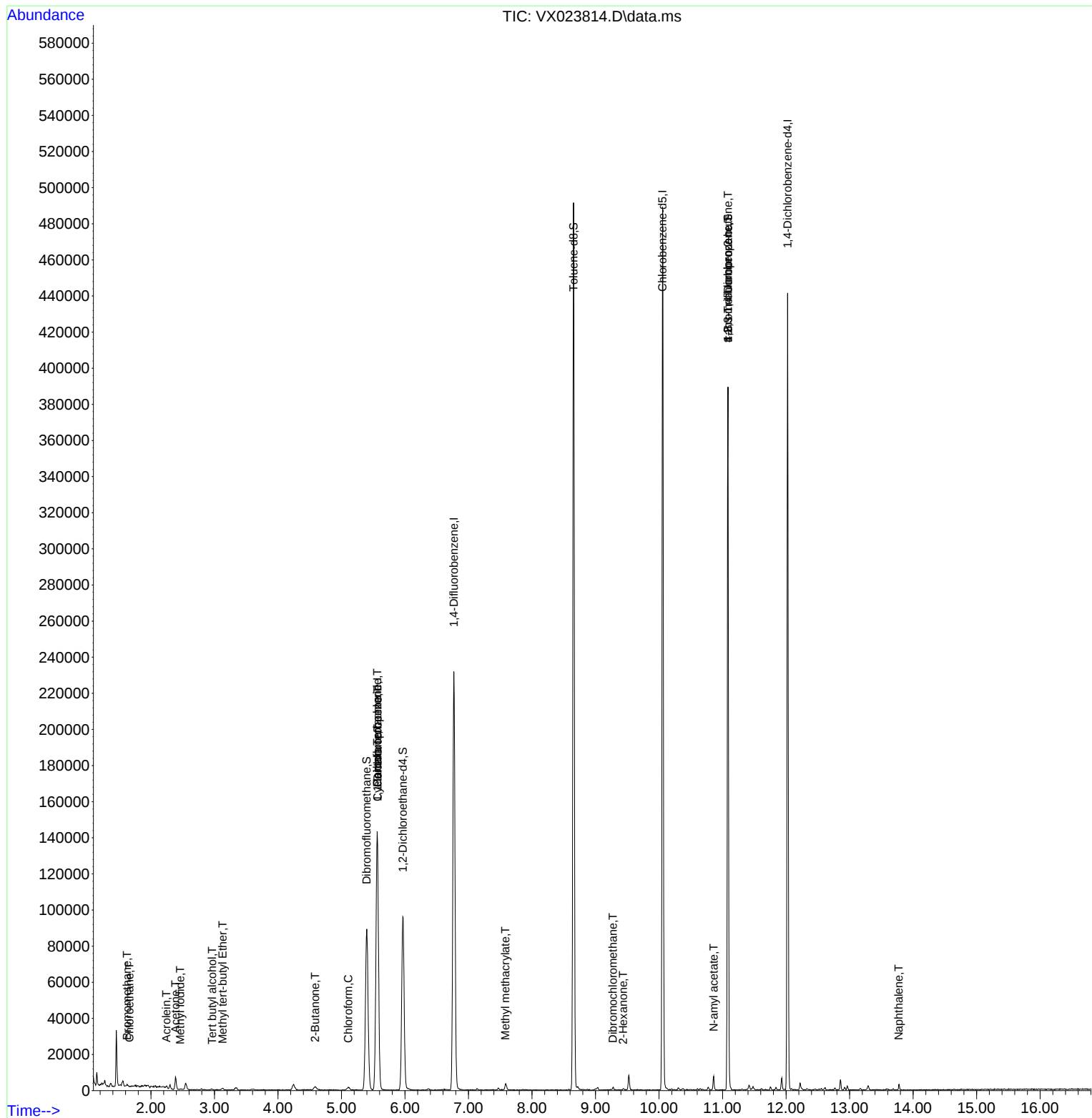
Internal Standards						
1) Pentafluorobenzene	5.562	168	131985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	230105	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214617	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	95877	52.048	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.100%			
35) Dibromofluoromethane	5.397	113	76866	50.470	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.940%			
50) Toluene-d8	8.653	98	285188	49.199	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.400%			
62) 4-Bromofluorobenzene	11.085	95	96044	45.009	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.020%			
Target Compounds						Qvalue
5) Bromomethane	1.624	94	407	0.434	ug/l	89
6) Chloroethane	1.660	64	43	2.251	ug/l #	43
10) Methyl Iodide	2.459	142	509	0.276	ug/l #	90
11) Tert butyl alcohol	2.965	59	332	0.891	ug/l #	73
13) Acrolein	2.239	56	195	0.880	ug/l #	60
16) Acetone	2.386	43	6728	8.169	ug/l	98
19) Methyl tert-butyl Ether	3.130	73	935	0.212	ug/l	96
25) 2-Butanone	4.587	43	2203	1.766	ug/l	97
30) Chloroform	5.105	83	2031	0.741	ug/l #	83
31) Cyclohexane	5.568	56	3386	1.431	ug/l #	33
36) 1,1-Dichloropropene	5.568	75	10829	5.082	ug/l #	49
38) Carbon Tetrachloride	5.562	117	14282	6.427	ug/l #	18
48) Methyl methacrylate	7.580	41	1077	0.539	ug/l #	29
59) 2-Hexanone	9.433	43	572	0.281	ug/l	76
60) Dibromochloromethane	9.275	129	270	1.828	ug/l #	11
74) N-amyl acetate	10.860	43	952	0.317	ug/l #	7
76) 1,2,3-Trichloropropane	11.085	75	51546	25.363	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	51546	74.606	ug/l #	12
95) Naphthalene	13.774	128	2121	1.607	ug/l	96

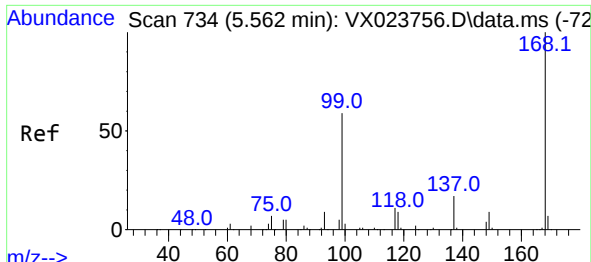
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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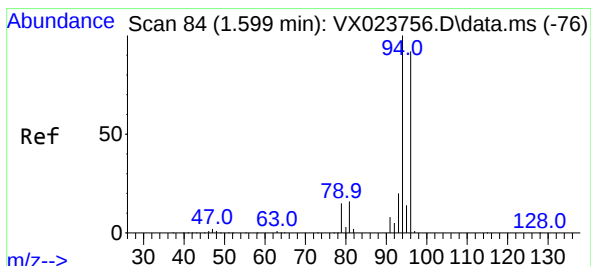
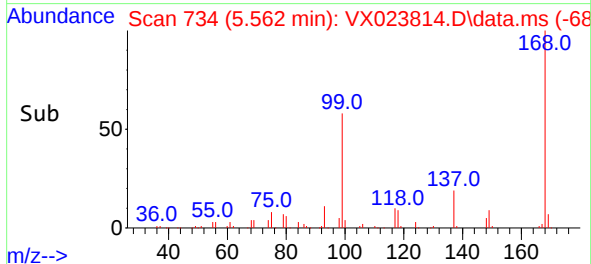
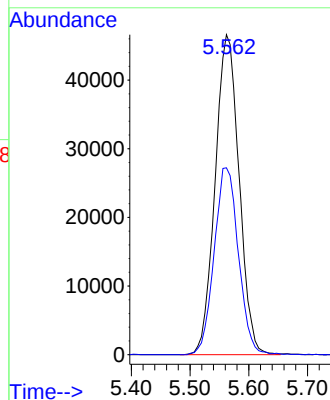
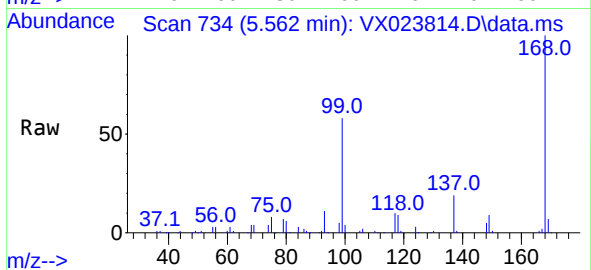




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023814.D
Acq: 18 Aug 2021 14:16

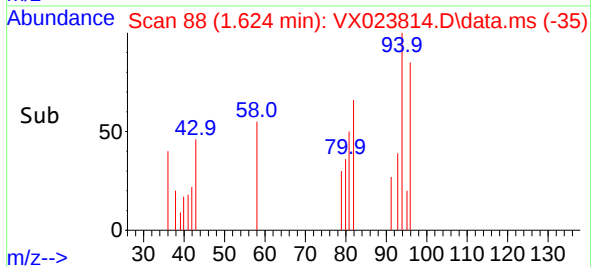
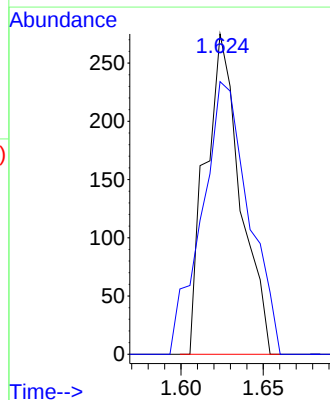
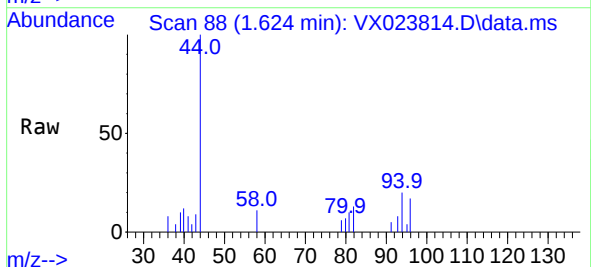
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-200-202

Tgt Ion:168 Resp: 131985
Ion Ratio Lower Upper
168 100
99 58.4 45.8 68.6

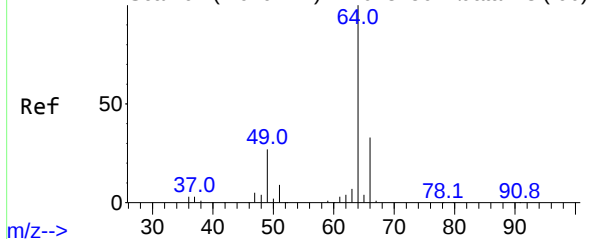


#5
Bromomethane
Concen: 0.434 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX023814.D
Acq: 18 Aug 2021 14:16

Tgt Ion: 94 Resp: 407
Ion Ratio Lower Upper
94 100
96 85.1 76.4 114.6



Abundance Scan 97 (1.679 min): VX023756.D\data.ms (-90)

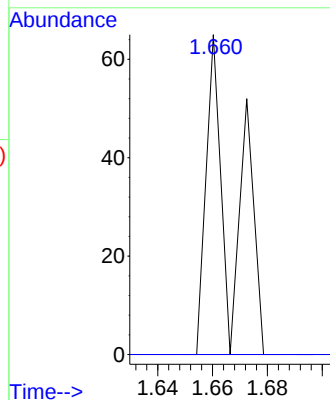
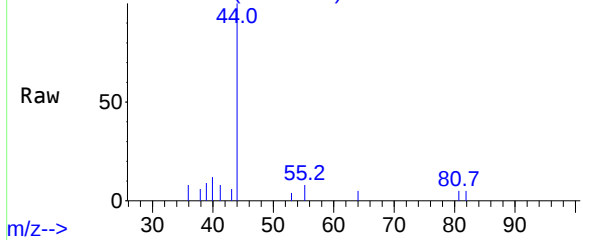


#6
Chloroethane
Concen: 2.251 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.019 min
Lab File: VX023814.D
Acq: 18 Aug 2021 14:16

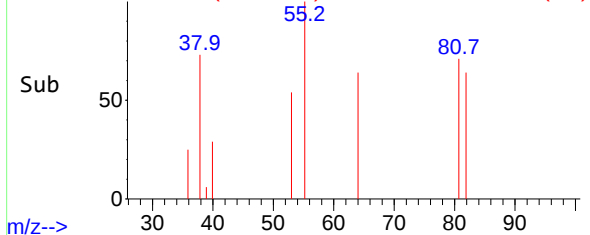
Tgt Ion: 64 Resp: 43
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-200-202

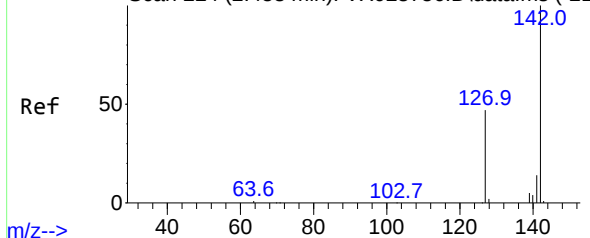
Abundance Scan 94 (1.660 min): VX023814.D\data.ms



Abundance Scan 94 (1.660 min): VX023814.D\data.ms (-48)



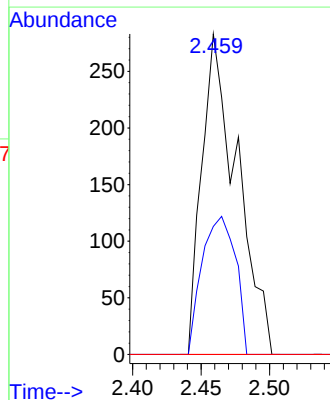
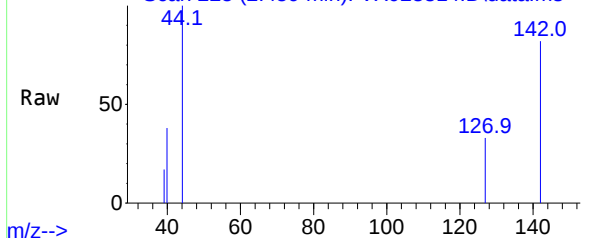
Abundance Scan 224 (2.453 min): VX023756.D\data.ms (-21)



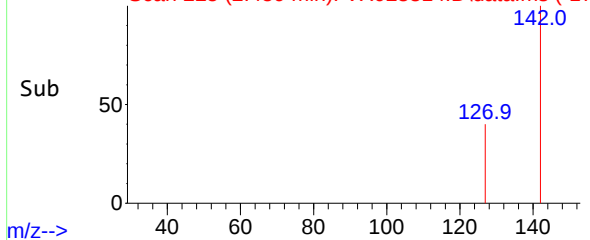
#10
Methyl Iodide
Concen: 0.276 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX023814.D
Acq: 18 Aug 2021 14:16

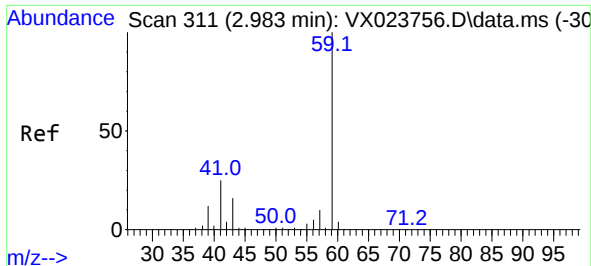
Tgt Ion: 142 Resp: 509
Ion Ratio Lower Upper
142 100
127 40.7 33.3 49.9
141 0.0 11.4 17.0#

Abundance Scan 225 (2.459 min): VX023814.D\data.ms



Abundance Scan 225 (2.459 min): VX023814.D\data.ms (-17)



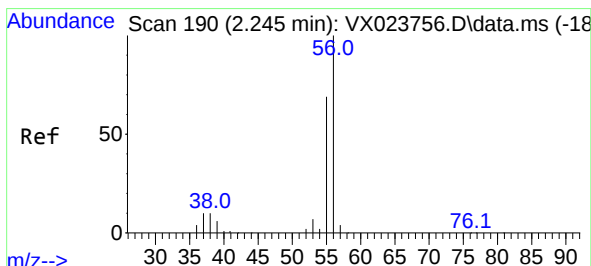
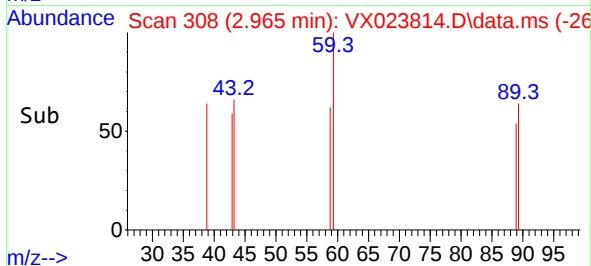
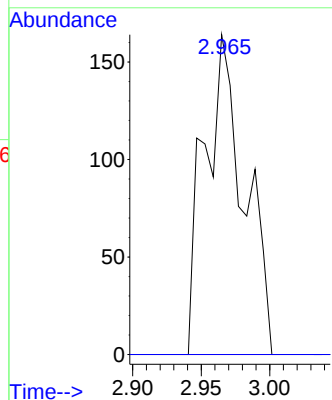
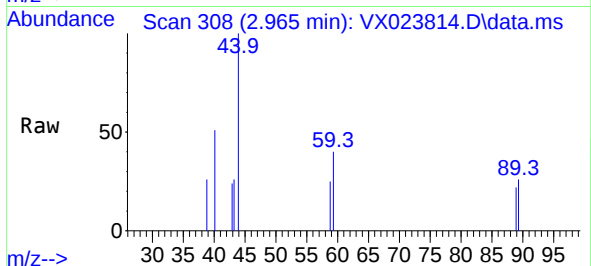


#11

Tert butyl alcohol
Concen: 0.891 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX023814.D
Acq: 18 Aug 2021 14:16

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-200-202

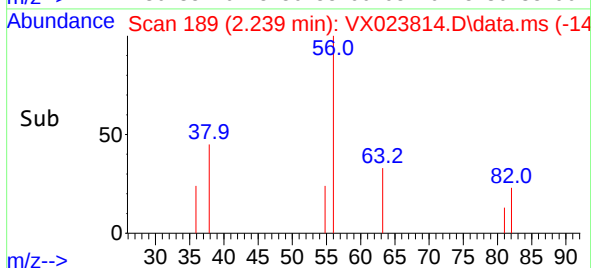
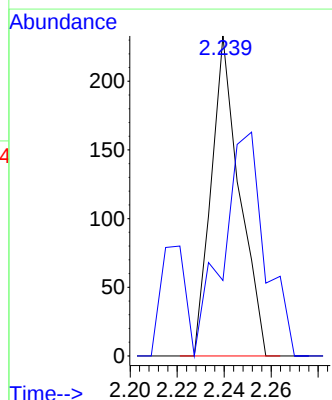
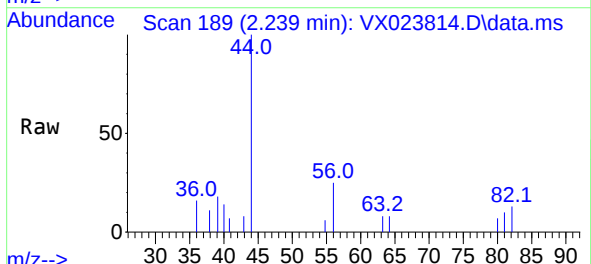
Tgt Ion: 59 Resp: 332
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

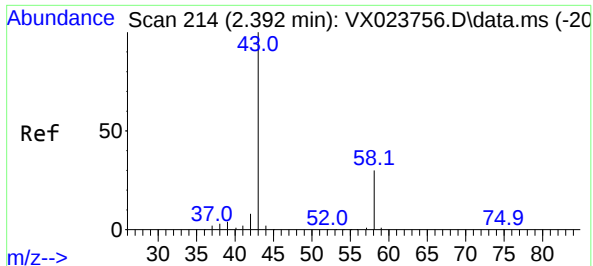


#13

Acrolein
Concen: 0.880 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX023814.D
Acq: 18 Aug 2021 14:16

Tgt Ion: 56 Resp: 195
Ion Ratio Lower Upper
56 100
55 103.6 56.4 84.6#

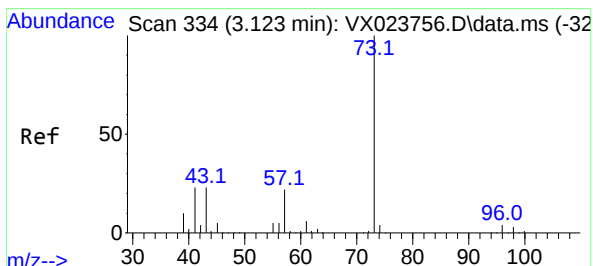
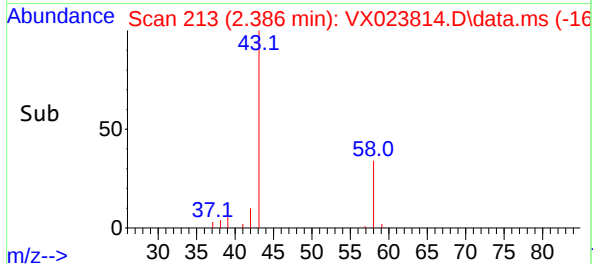
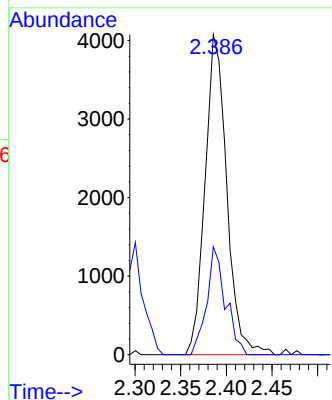
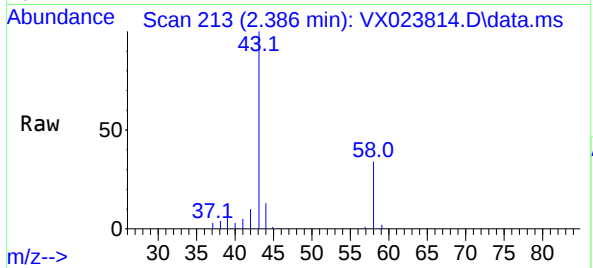




#16
Acetone
Concen: 8.169 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023814.D
Acq: 18 Aug 2021 14:16

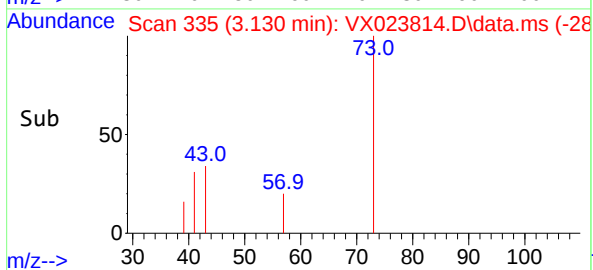
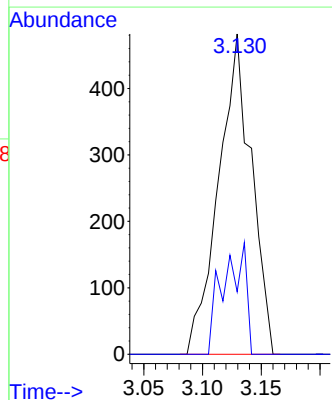
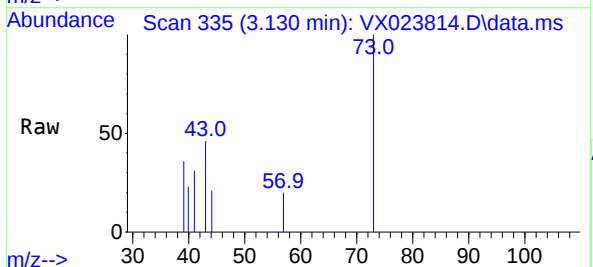
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-200-202

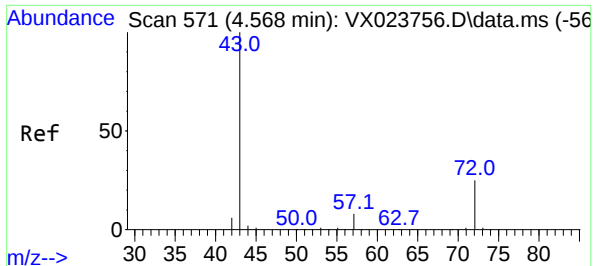
Tgt Ion: 43 Resp: 6728
Ion Ratio Lower Upper
43 100
58 33.7 27.8 41.8



#19
Methyl tert-butyl Ether
Concen: 0.212 ug/l
RT: 3.130 min Scan# 335
Delta R.T. 0.007 min
Lab File: VX023814.D
Acq: 18 Aug 2021 14:16

Tgt Ion: 73 Resp: 935
Ion Ratio Lower Upper
73 100
57 19.5 17.1 25.7

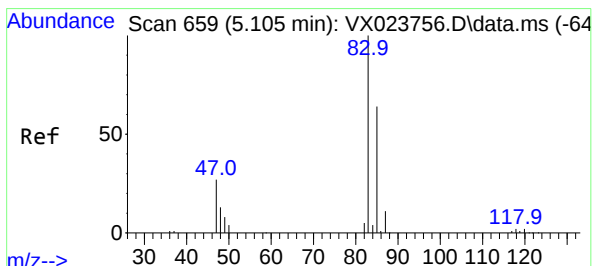
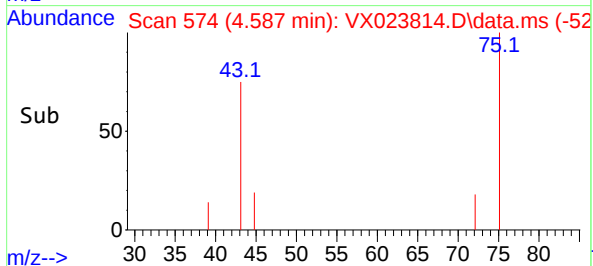
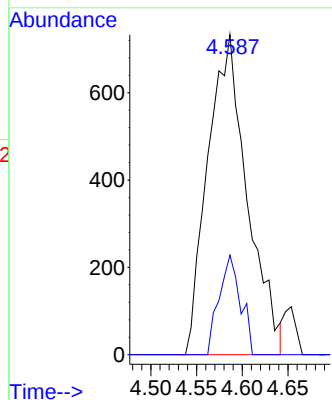
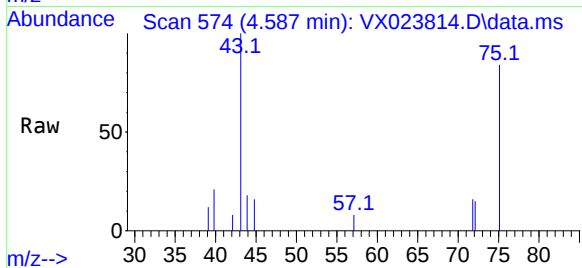




#25
2-Butanone
Concen: 1.766 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.019 min
Lab File: VX023814.D
Acq: 18 Aug 2021 14:16

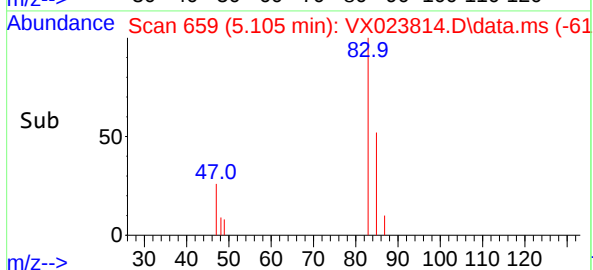
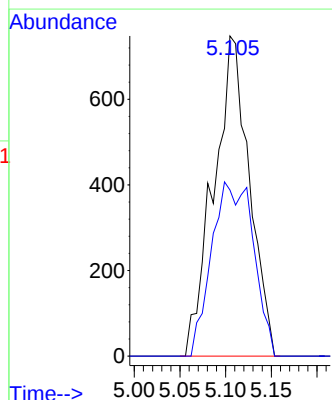
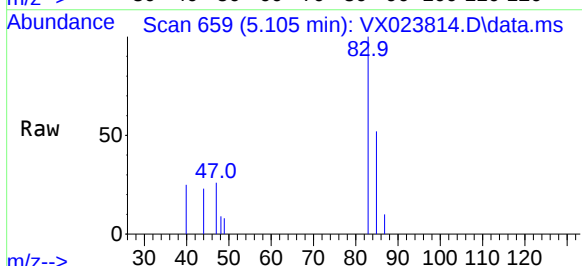
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ClientSampleId :
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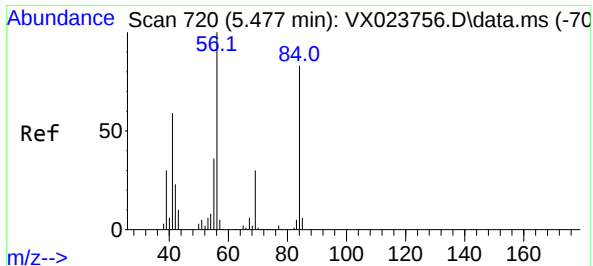
Tgt Ion: 43 Resp: 2203
Ion Ratio Lower Upper
43 100
72 31.1 23.7 35.5



#30
Chloroform
Concen: 0.741 ug/l
RT: 5.105 min Scan# 659
Delta R.T. -0.000 min
Lab File: VX023814.D
Acq: 18 Aug 2021 14:16

Tgt Ion: 83 Resp: 2031
Ion Ratio Lower Upper
83 100
85 51.9 52.0 78.0#

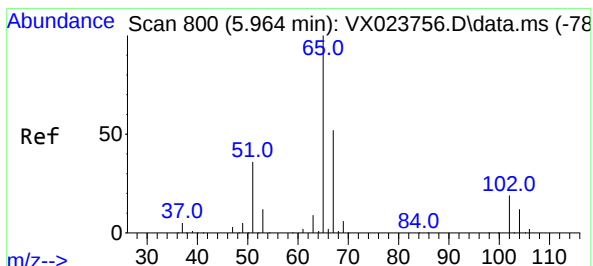
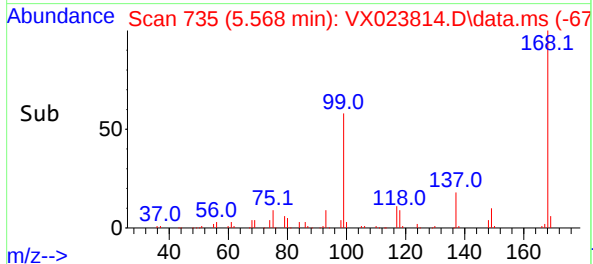
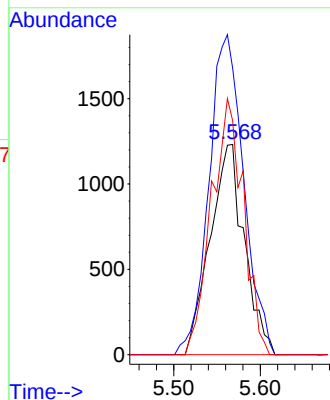
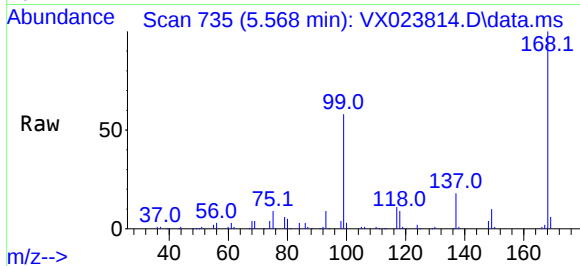




#31
Cyclohexane
Concen: 1.431 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX023814.D
Acq: 18 Aug 2021 14:16

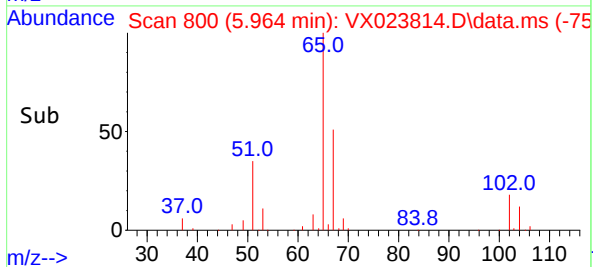
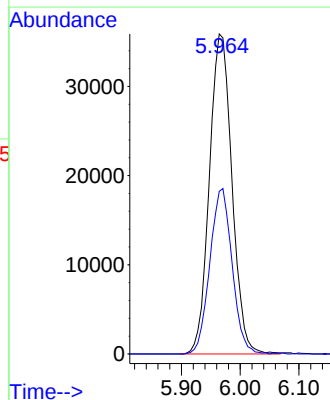
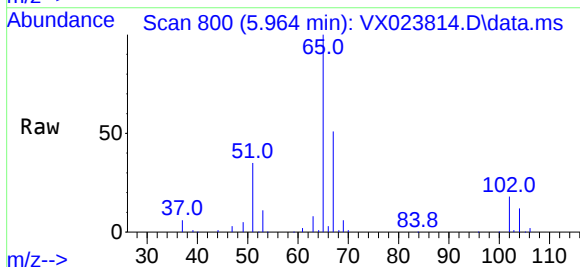
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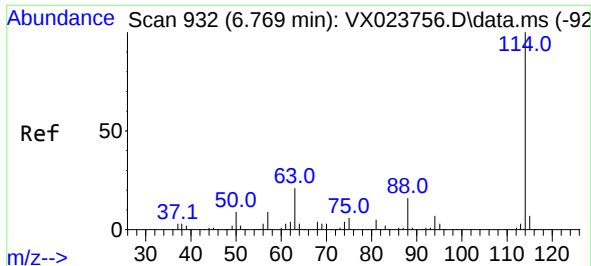
Tgt Ion: 56 Resp: 3386
Ion Ratio Lower Upper
56 100
69 136.1 25.3 37.9#
84 111.3 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 52.048 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023814.D
Acq: 18 Aug 2021 14:16

Tgt Ion: 65 Resp: 95877
Ion Ratio Lower Upper
65 100
67 50.9 0.0 105.4

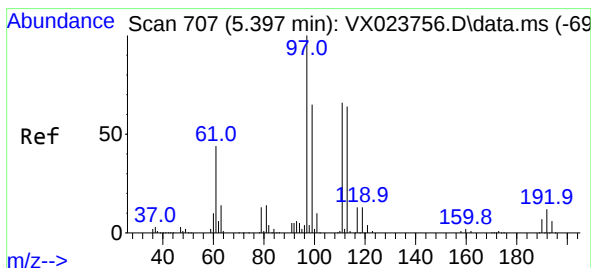
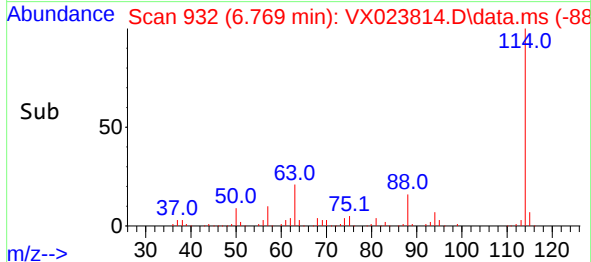
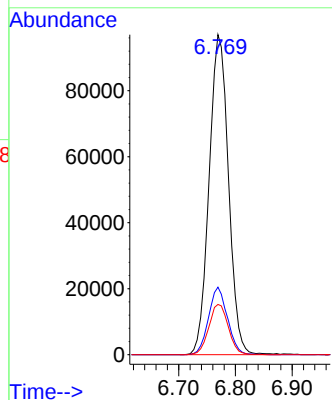
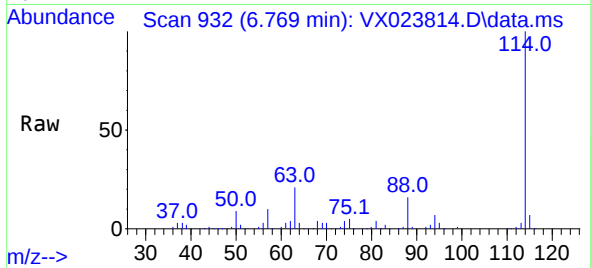




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023814.D
Acq: 18 Aug 2021 14:16

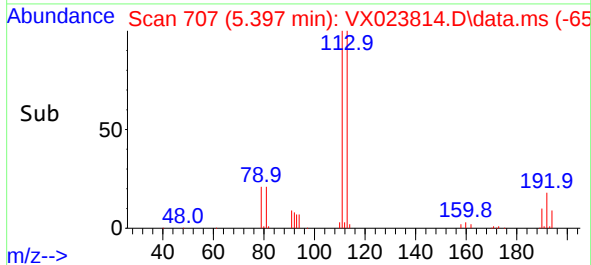
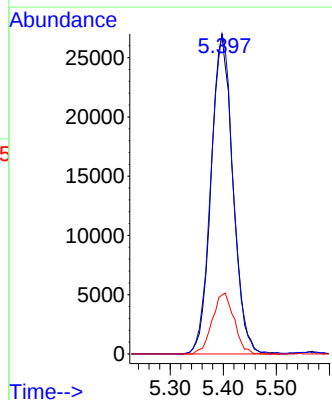
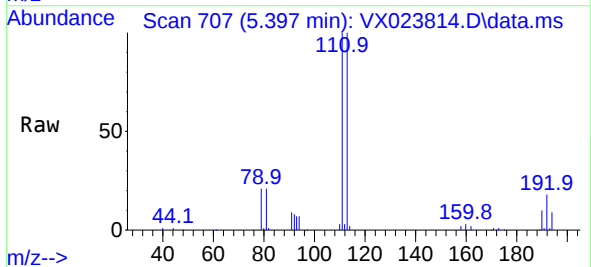
Instrument :
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ClientSampleId :
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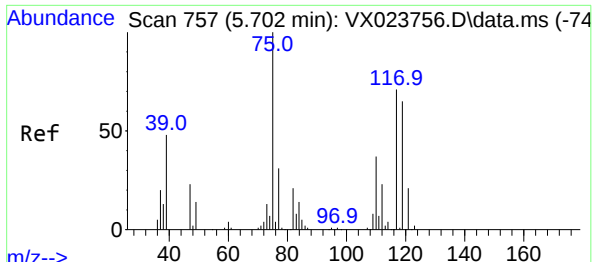
Tgt Ion:114 Resp: 230105
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.8
88 15.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.470 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023814.D
Acq: 18 Aug 2021 14:16

Tgt Ion:113 Resp: 76866
Ion Ratio Lower Upper
113 100
111 101.4 81.9 122.9
192 19.0 16.7 25.1

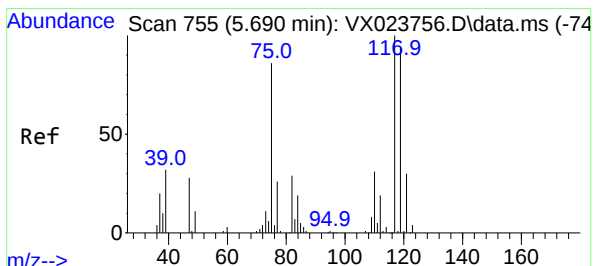
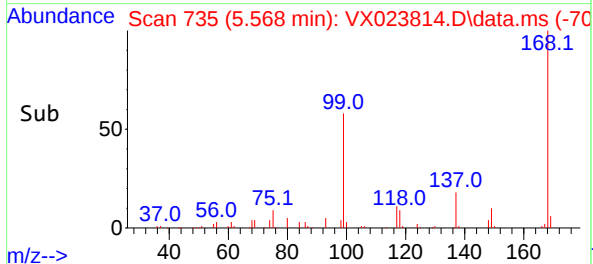
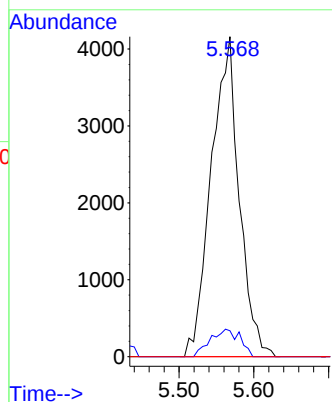
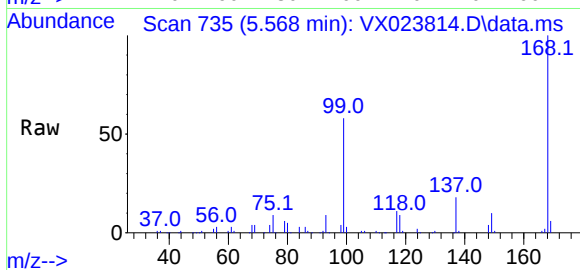




#36
1,1-Dichloropropene
Concen: 5.082 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.134 min
Lab File: VX023814.D
Acq: 18 Aug 2021 14:16

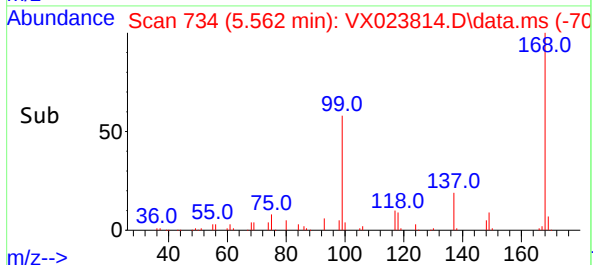
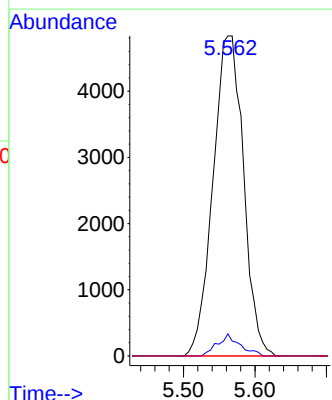
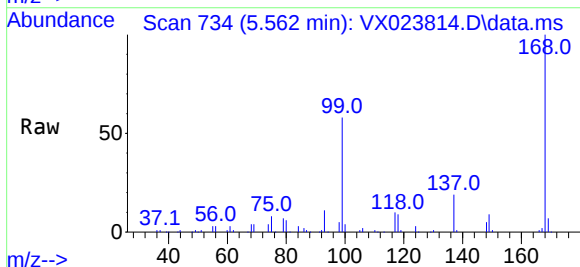
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-200-202

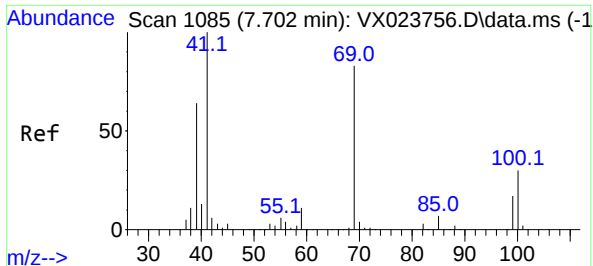
Tgt Ion: 75	Resp: 10829
Ion Ratio	Lower Upper
75 100	
110 9.1	18.1 54.4#
77 0.0	25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.427 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX023814.D
Acq: 18 Aug 2021 14:16

Tgt Ion: 117	Resp: 14282
Ion Ratio	Lower Upper
117 100	
119 6.9	76.2 114.2#
121 0.0	24.8 37.2#





#48

Methyl methacrylate

Concen: 0.539 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.122 min

Lab File: VX023814.D

Acq: 18 Aug 2021 14:16

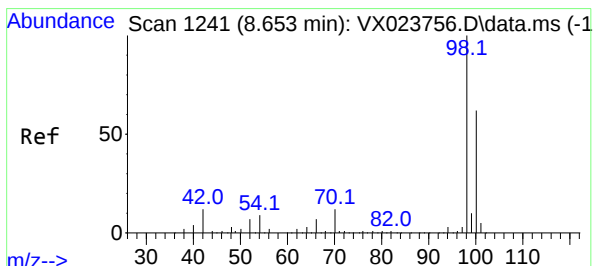
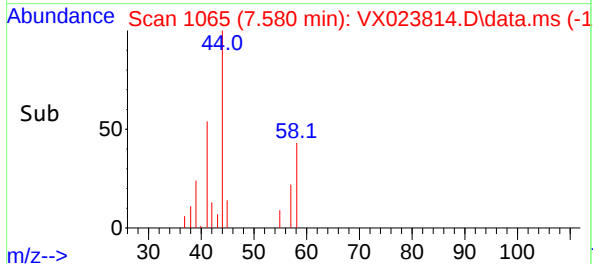
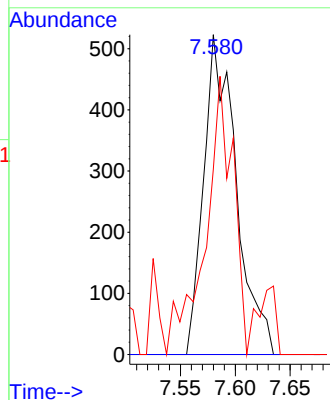
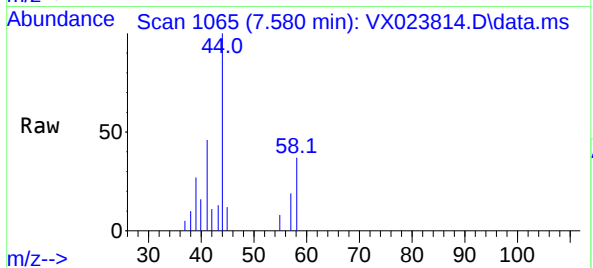
Tgt Ion:	41	Resp:	1077
Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	74.6	44.6	67.0#

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-VPB-RW7-GW-200-202



#50

Toluene-d8

Concen: 49.199 ug/l

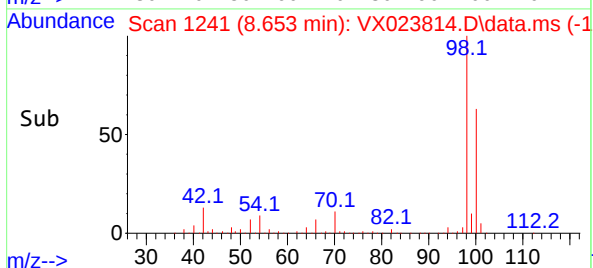
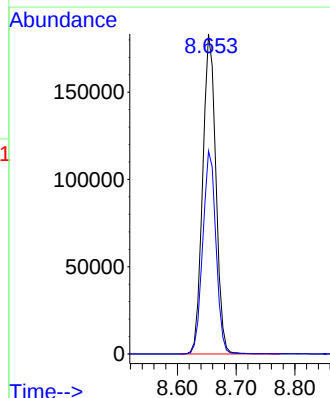
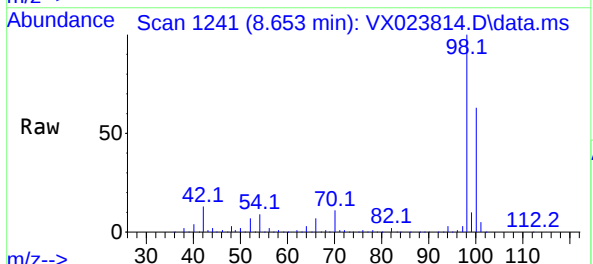
RT: 8.653 min Scan# 1241

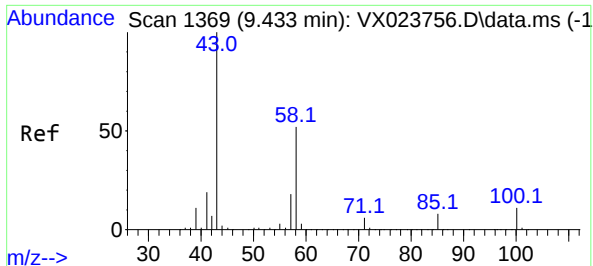
Delta R.T. -0.000 min

Lab File: VX023814.D

Acq: 18 Aug 2021 14:16

Tgt Ion:	98	Resp:	285188
Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.9	77.9

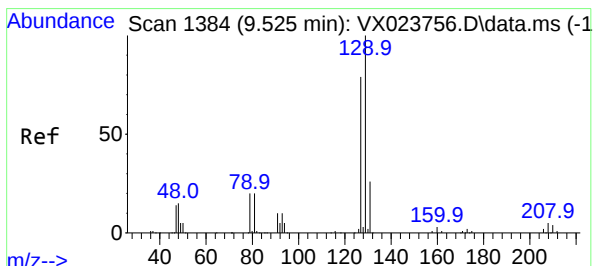
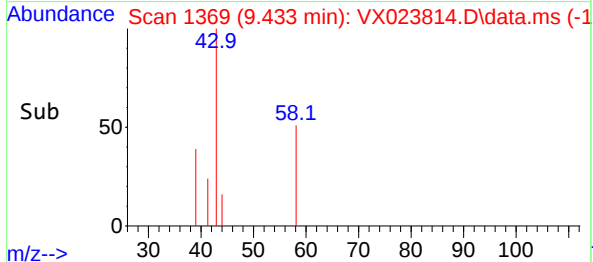
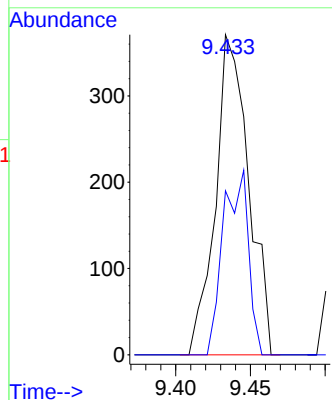
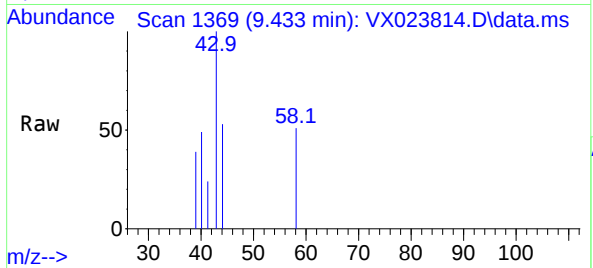




#59
2-Hexanone
Concen: 0.281 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX023814.D
Acq: 18 Aug 2021 14:16

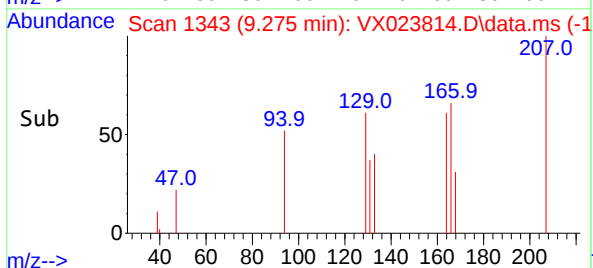
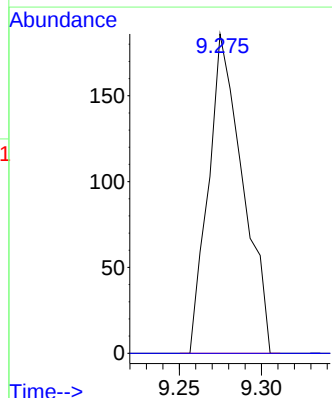
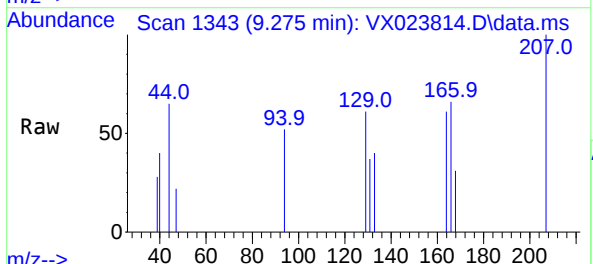
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-200-202

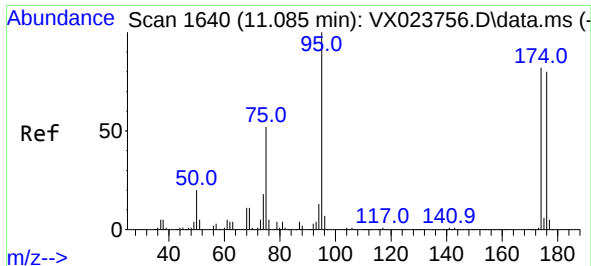
Tgt Ion: 43 Resp: 572
Ion Ratio Lower Upper
43 100
58 43.5 30.9 92.8



#60
Dibromochloromethane
Concen: 1.828 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX023814.D
Acq: 18 Aug 2021 14:16

Tgt Ion: 129 Resp: 270
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

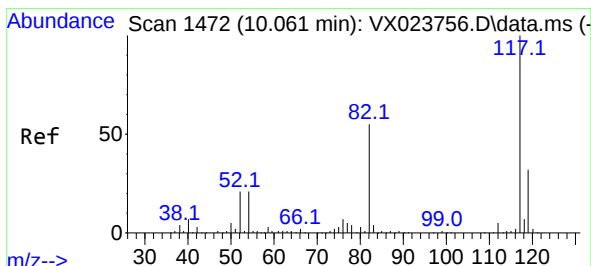
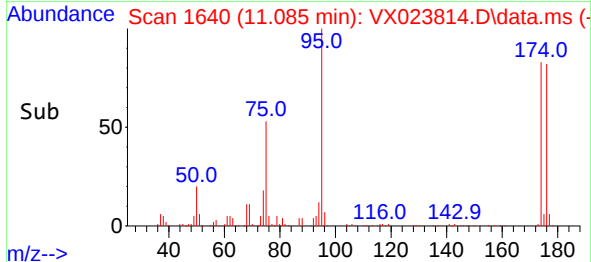
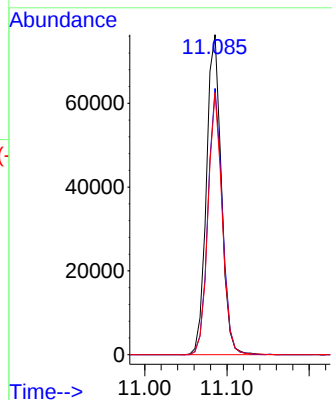
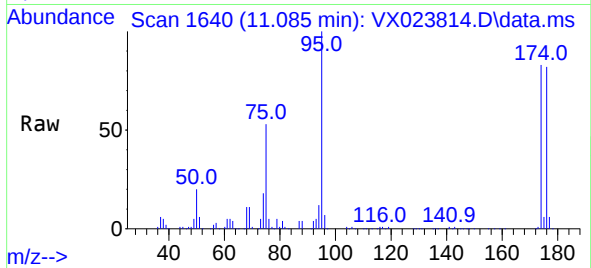




#62
4-Bromofluorobenzene
Concen: 45.009 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023814.D
Acq: 18 Aug 2021 14:16

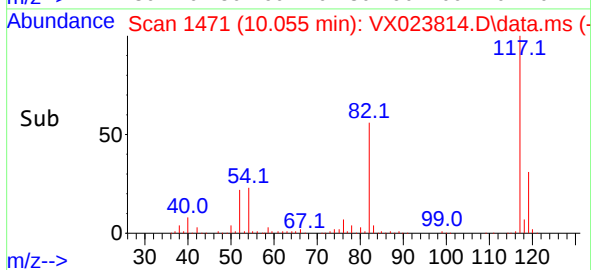
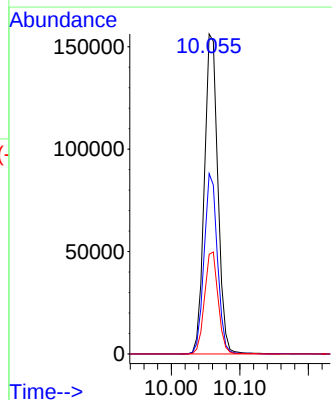
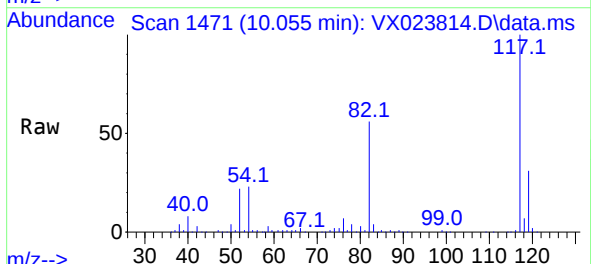
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-200-202

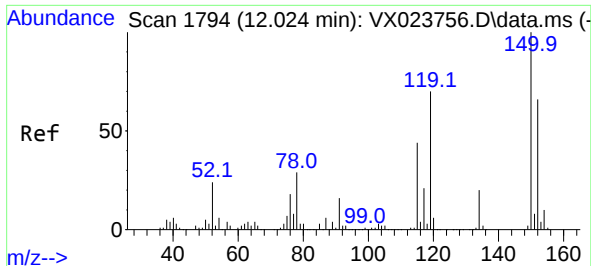
Tgt Ion: 95 Resp: 96044
Ion Ratio Lower Upper
95 100
174 80.2 0.0 154.6
176 77.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023814.D
Acq: 18 Aug 2021 14:16

Tgt Ion: 117 Resp: 214617
Ion Ratio Lower Upper
117 100
82 56.3 47.4 71.2
119 31.2 26.6 39.8

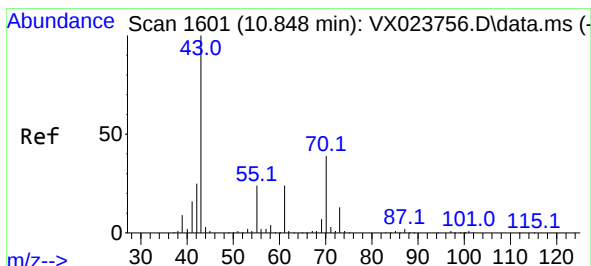
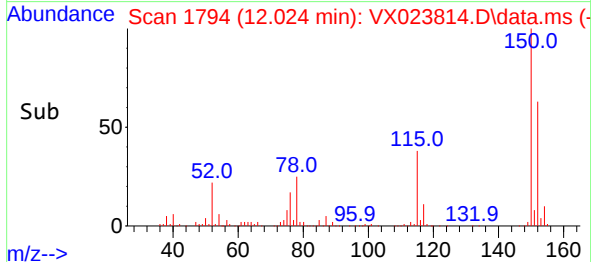
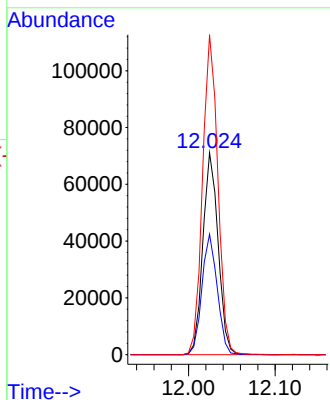
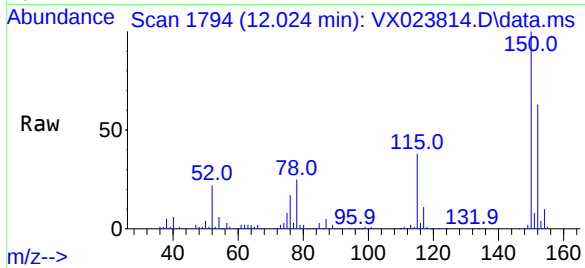




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023814.D
Acq: 18 Aug 2021 14:16

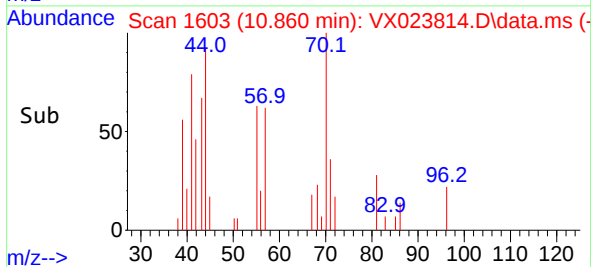
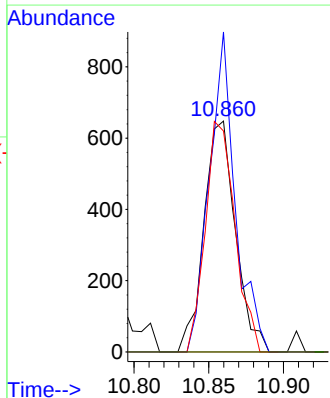
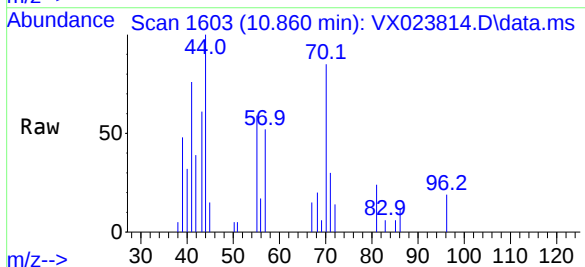
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-200-202

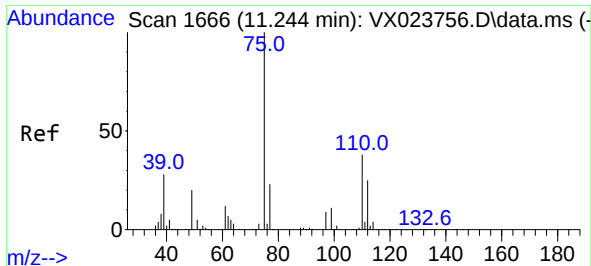
Tgt Ion:152 Resp: 87122
Ion Ratio Lower Upper
152 100
115 59.8 41.1 123.3
150 158.5 0.0 349.0



#74
N-ethyl acetate
Concen: 0.317 ug/l
RT: 10.860 min Scan# 1603
Delta R.T. 0.012 min
Lab File: VX023814.D
Acq: 18 Aug 2021 14:16

Tgt Ion: 43 Resp: 952
Ion Ratio Lower Upper
43 100
70 113.6 39.0 58.6#
55 93.5 21.5 32.3#
61 0.0 22.1 33.1#

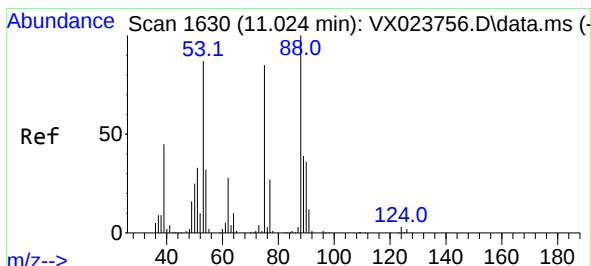
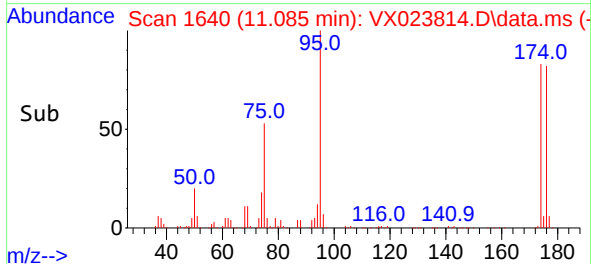
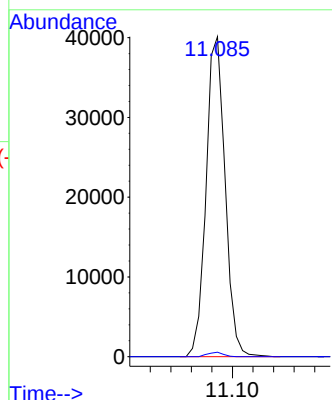
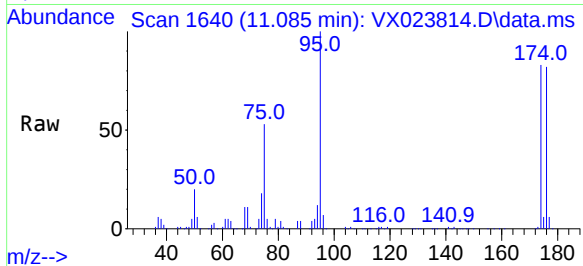




#76
1,2,3-Trichloropropane
Concen: 25.363 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023814.D
Acq: 18 Aug 2021 14:16

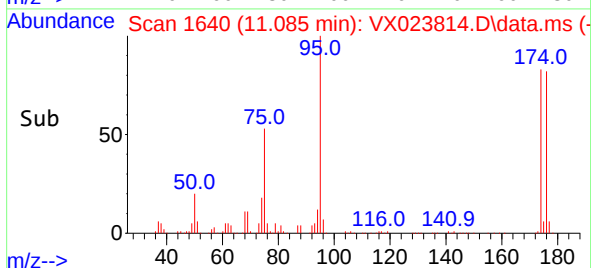
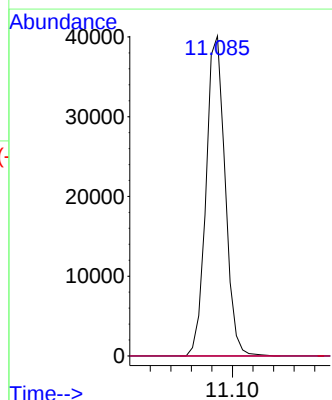
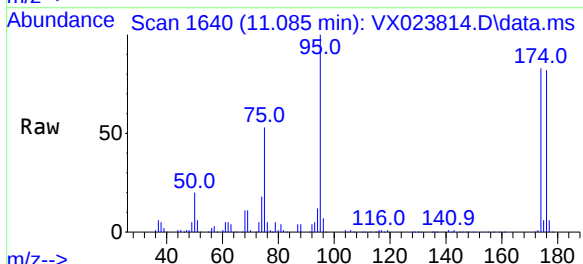
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-200-202

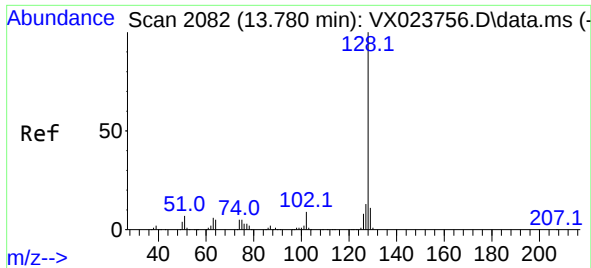
Tgt Ion: 75 Resp: 51546
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.606 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023814.D
Acq: 18 Aug 2021 14:16

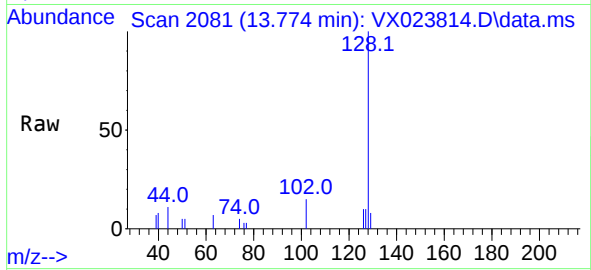
Tgt Ion: 75 Resp: 51546
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.607 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX023814.D
Acq: 18 Aug 2021 14:16

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-200-202



Tgt Ion:128 Resp: 2121

Ion	Ratio	Lower	Upper
128	100		
127	11.1	10.3	15.5
129	10.1	8.8	13.2

