

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082021\
 Data File : VX023847.D
 Acq On : 19 Aug 2021 18:58
 Operator : JC/MD
 Sample : M3483-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BB-TT-VPB-RW7-EB-20210817

Quant Time: Aug 20 03:15:25 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)

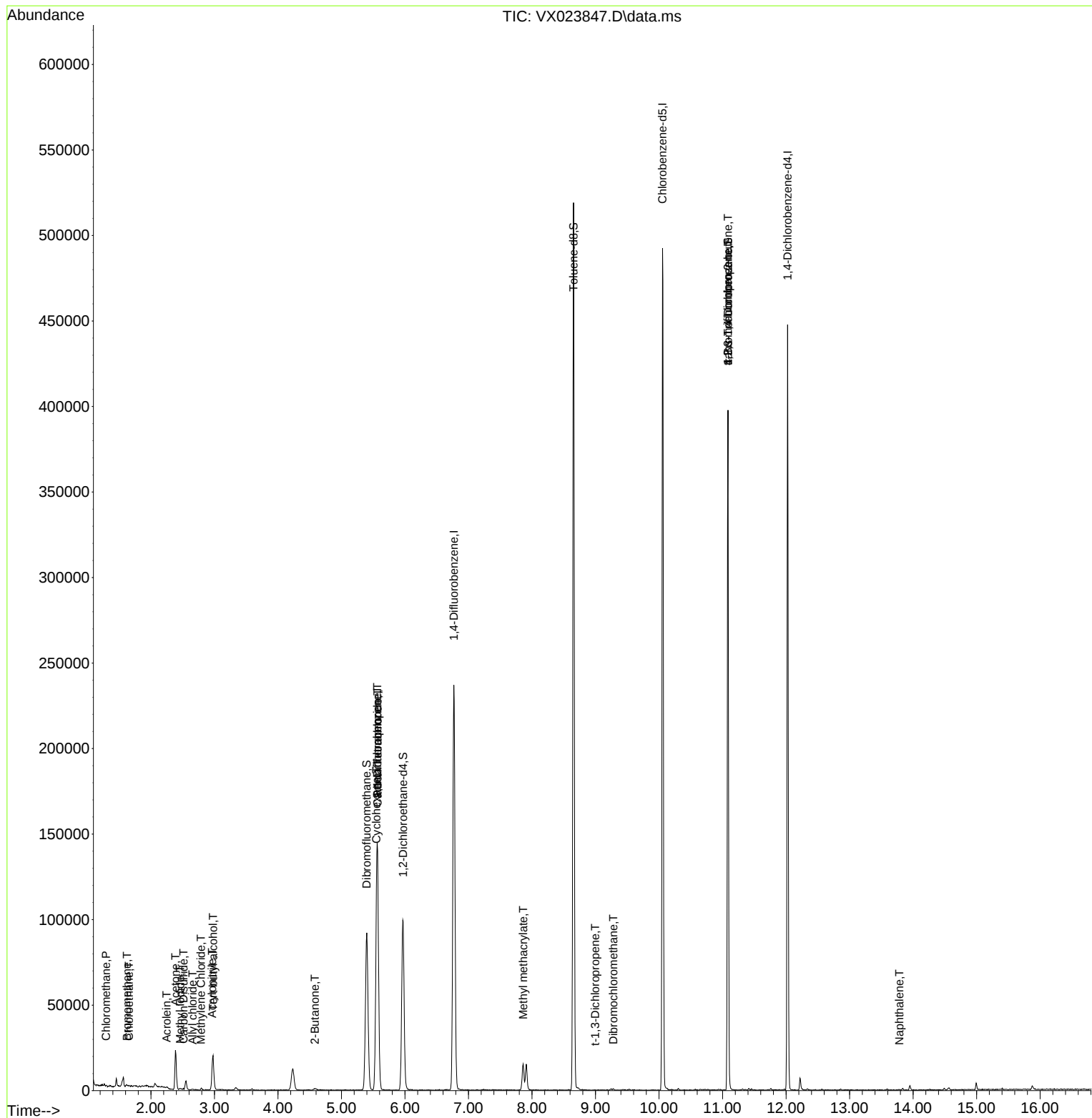
Internal Standards						
1) Pentafluorobenzene	5.562	168	136742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	236870	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220954	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87373	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	98102	51.403	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.800%			
35) Dibromofluoromethane	5.397	113	76971	49.095	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.200%			
50) Toluene-d8	8.653	98	289659	48.543	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.080%			
62) 4-Bromofluorobenzene	11.085	95	98073	44.647	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.300%			
Target Compounds					Qvalue	
3) Chloromethane	1.295	50	734	0.463	ug/l	91
5) Bromomethane	1.624	94	684	0.704	ug/l	90
6) Chloroethane	1.654	64	65	2.266	ug/l #	43
10) Methyl Iodide	2.459	142	864	0.452	ug/l #	78
11) Tert butyl alcohol	2.977	59	21123	54.729	ug/l	97
13) Acrolein	2.246	56	61	0.266	ug/l	88
14) Allyl chloride	2.654	41	528	0.218	ug/l #	53
15) Acrylonitrile	2.965	53	307	0.357	ug/l #	26
16) Acetone	2.386	43	23948	28.064	ug/l	97
17) Carbon Disulfide	2.514	76	675	0.216	ug/l #	75
20) Methylene Chloride	2.788	84	402	0.247	ug/l #	70
25) 2-Butanone	4.581	43	1600	1.238	ug/l #	66
31) Cyclohexane	5.550	56	3321	1.354	ug/l #	26
36) 1,1-Dichloropropene	5.562	75	10829	4.937	ug/l #	50
38) Carbon Tetrachloride	5.568	117	14007	6.124	ug/l #	15
48) Methyl methacrylate	7.860	41	6968	3.387	ug/l #	31
53) t-1,3-Dichloropropene	8.994	75	26	2.146	ug/l #	44
60) Dibromochloromethane	9.281	129	41	1.709	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	51493	25.264	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	51493	74.316	ug/l #	12
95) Naphthalene	13.786	128	404	1.344	ug/l #	69

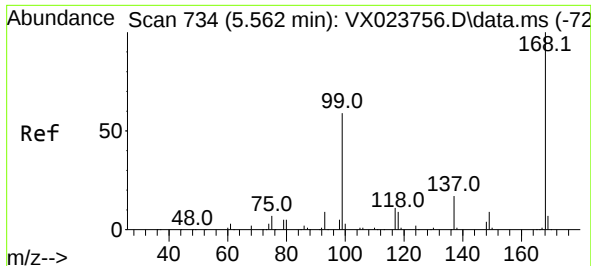
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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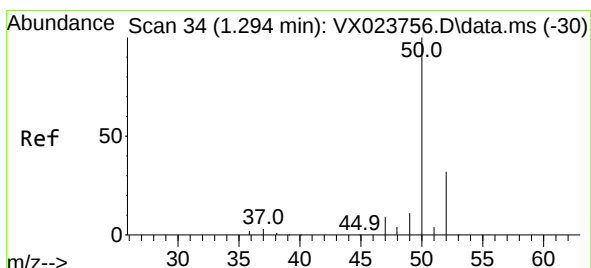
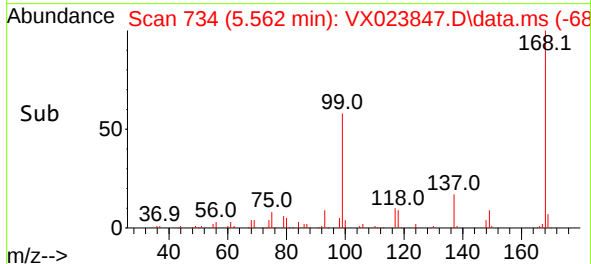
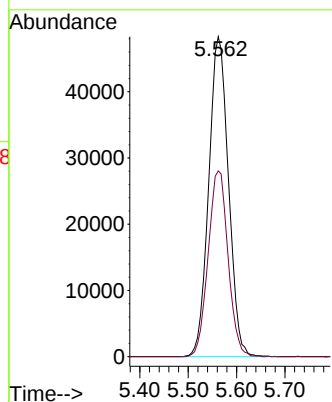
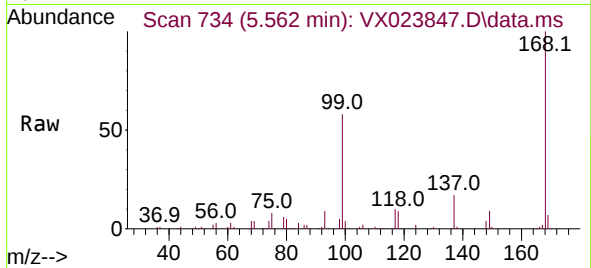




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023847.D
Acq: 19 Aug 2021 18:58

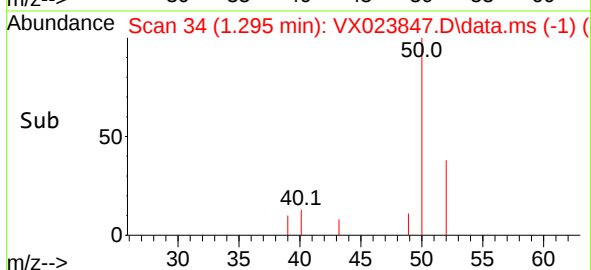
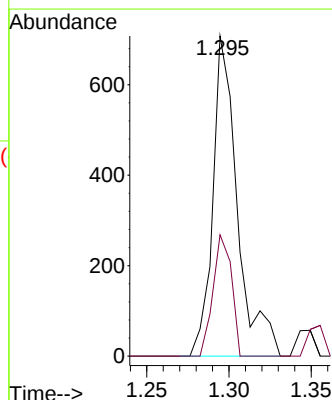
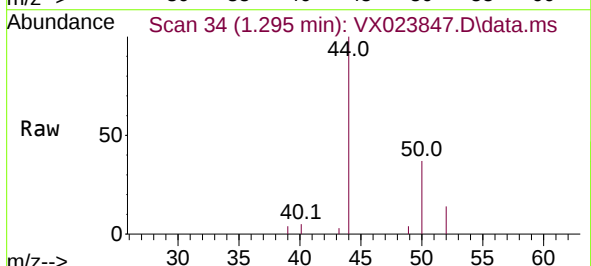
Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-EB-20210817

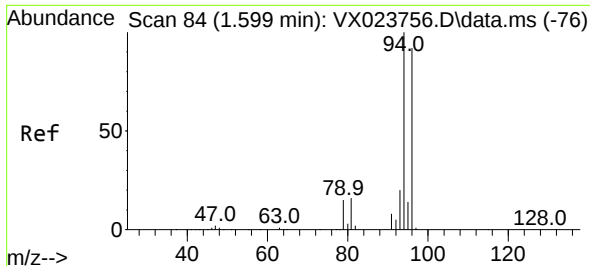
Tgt Ion:168 Resp: 136742
Ion Ratio Lower Upper
168 100
99 58.0 45.8 68.6



#3
Chloromethane
Concen: 0.463 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX023847.D
Acq: 19 Aug 2021 18:58

Tgt Ion: 50 Resp: 734
Ion Ratio Lower Upper
50 100
52 37.9 26.4 39.6

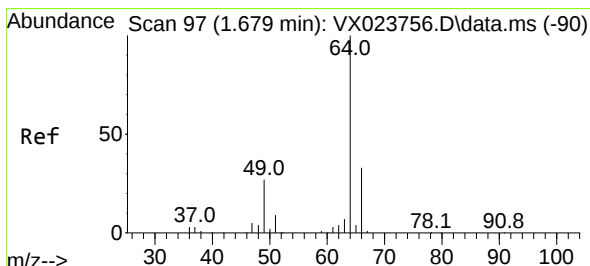
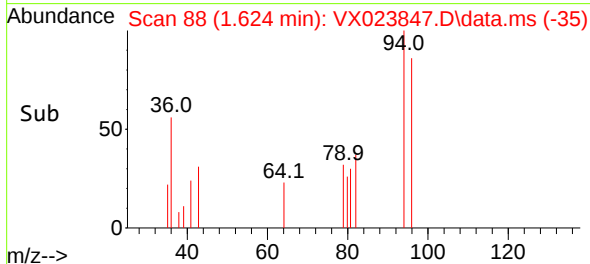
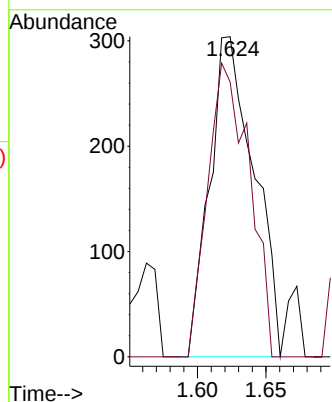
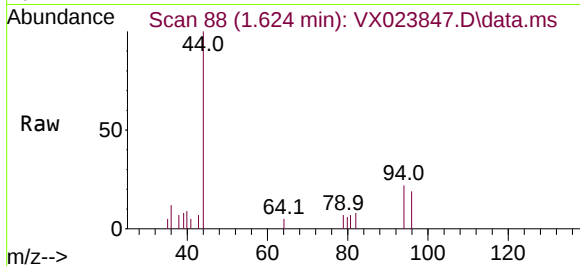




#5
Bromomethane
Concen: 0.704 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX023847.D
Acq: 19 Aug 2021 18:58

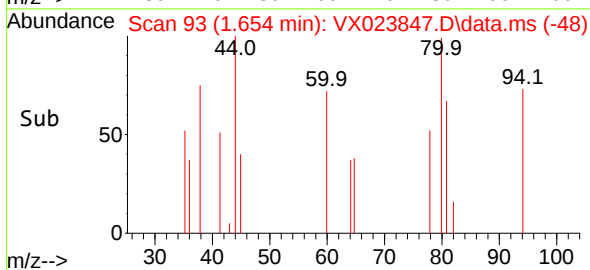
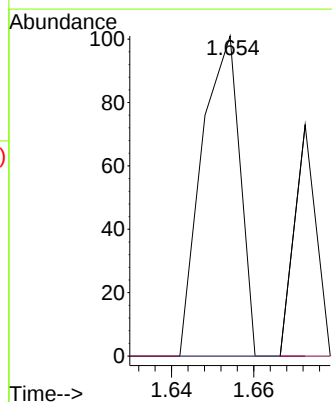
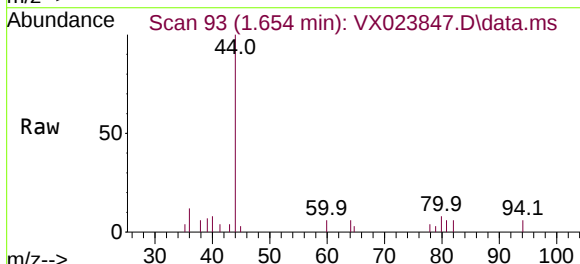
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ClientSampleId :
BB-TT-VPB-RW7-EB-20210817

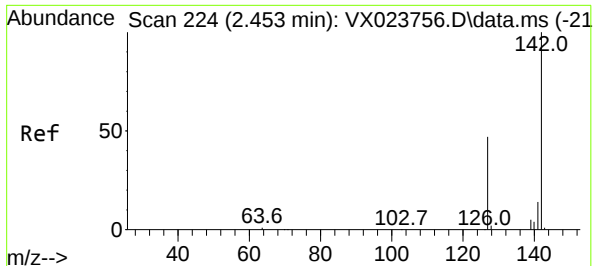
Tgt Ion: 94 Resp: 684
Ion Ratio Lower Upper
94 100
96 85.9 76.4 114.6



#6
Chloroethane
Concen: 2.266 ug/l
RT: 1.654 min Scan# 93
Delta R.T. -0.025 min
Lab File: VX023847.D
Acq: 19 Aug 2021 18:58

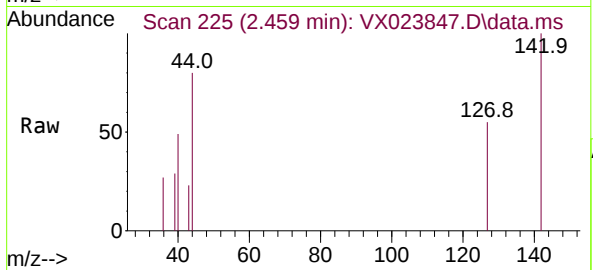
Tgt Ion: 64 Resp: 65
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



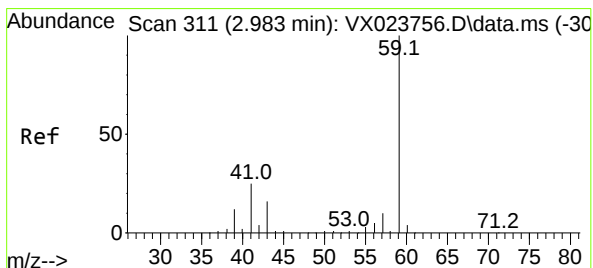
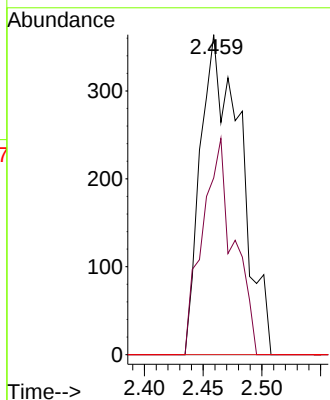
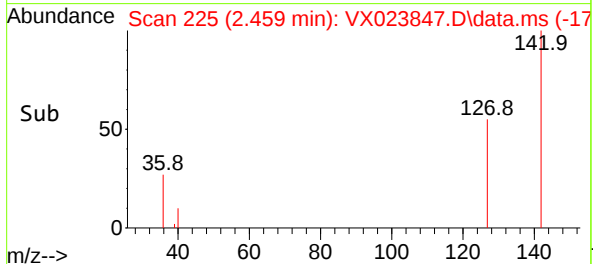


#10
Methyl Iodide
Concen: 0.452 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX023847.D
Acq: 19 Aug 2021 18:58

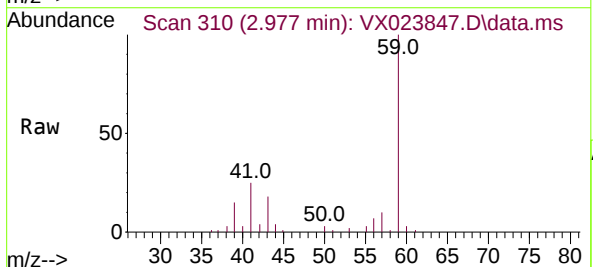
Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-EB-20210817



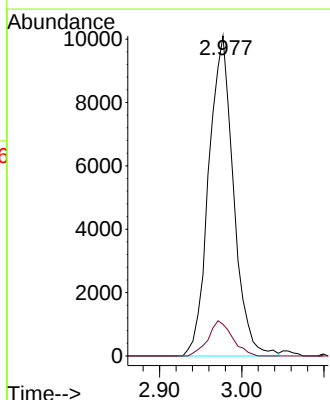
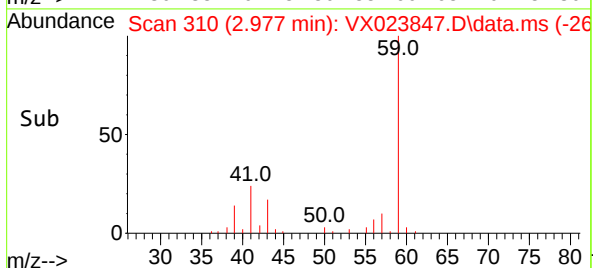
Tgt Ion:142 Resp: 864
Ion Ratio Lower Upper
142 100
127 52.9 33.3 49.9#
141 0.0 11.4 17.0#

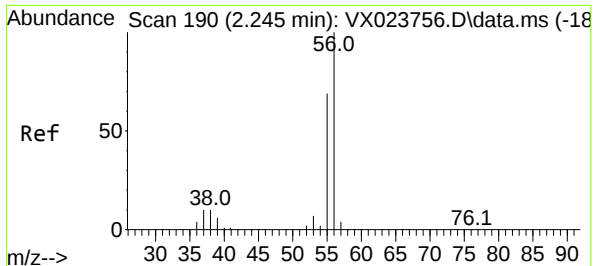


#11
Tert butyl alcohol
Concen: 54.729 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX023847.D
Acq: 19 Aug 2021 18:58



Tgt Ion: 59 Resp: 21123
Ion Ratio Lower Upper
59 100
57 10.7 7.8 11.8

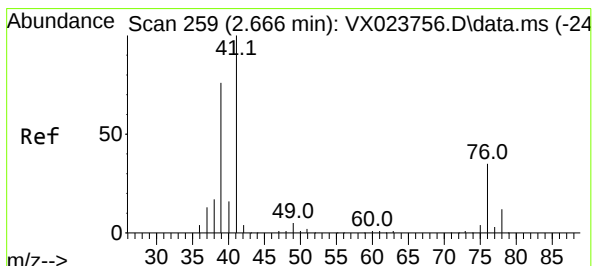
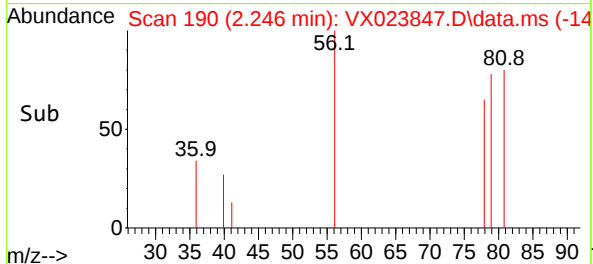
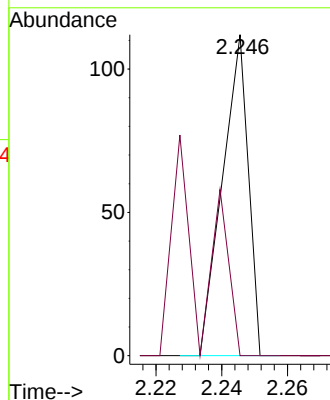
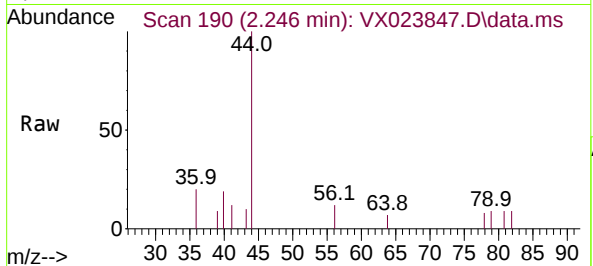




#13
Acrolein
Concen: 0.266 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.001 min
Lab File: VX023847.D
Acq: 19 Aug 2021 18:58

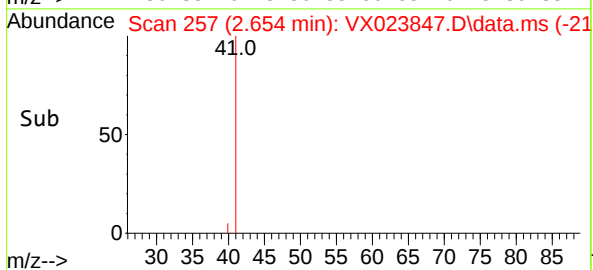
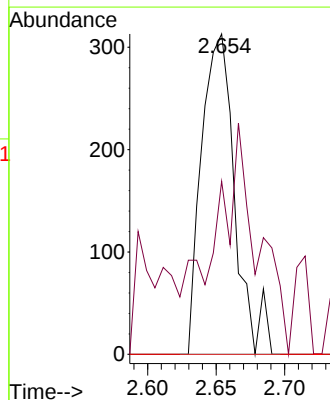
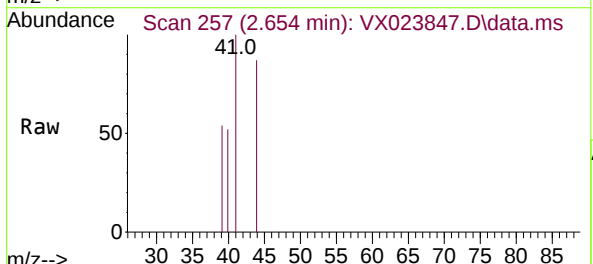
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ClientSampleId :
BB-TT-VPB-RW7-EB-20210817

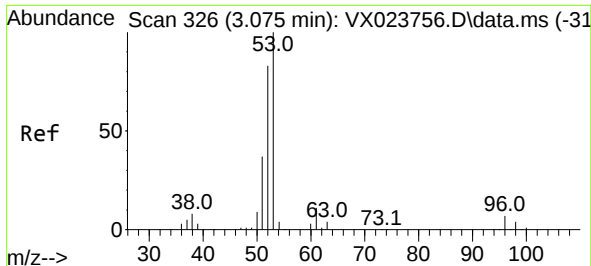
Tgt Ion: 56 Resp: 61
Ion Ratio Lower Upper
56 100
55 80.3 56.4 84.6



#14
Allyl chloride
Concen: 0.218 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.012 min
Lab File: VX023847.D
Acq: 19 Aug 2021 18:58

Tgt Ion: 41 Resp: 528
Ion Ratio Lower Upper
41 100
39 94.3 51.6 77.4#
76 0.0 30.5 45.7#

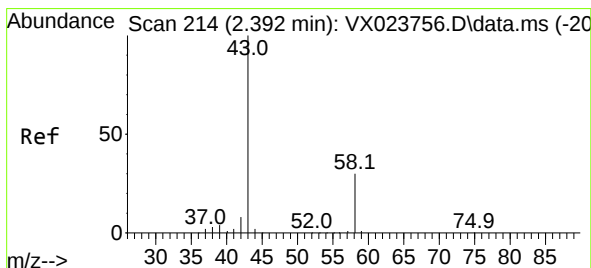
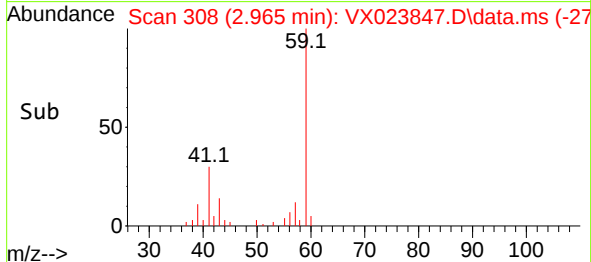
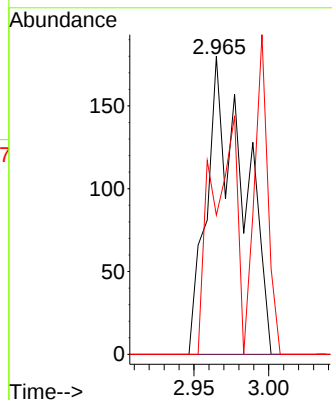
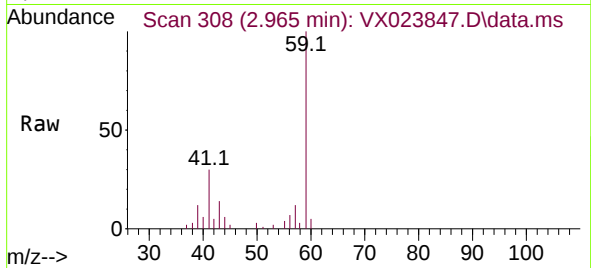




#15
Acrylonitrile
Concen: 0.357 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.110 min
Lab File: VX023847.D
Acq: 19 Aug 2021 18:58

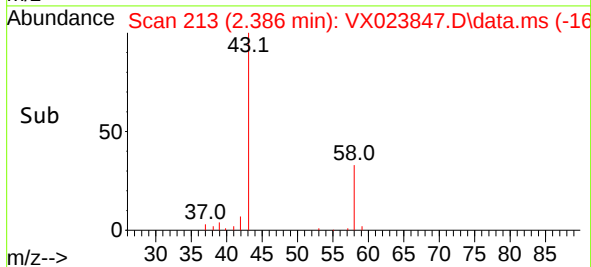
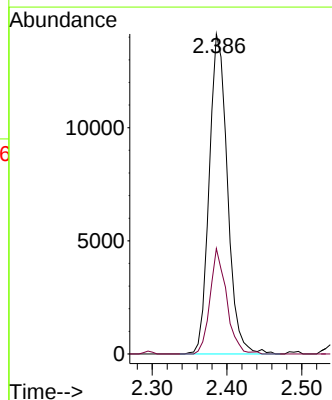
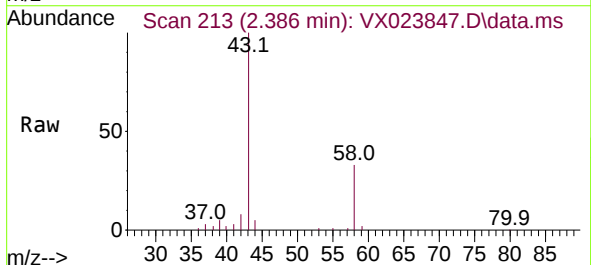
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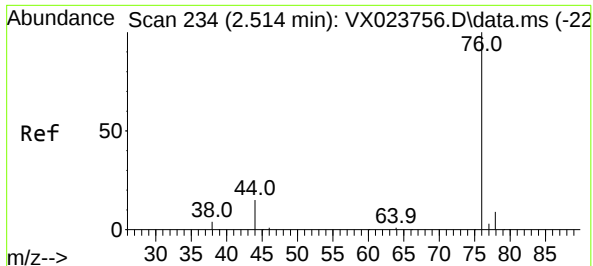
Tgt Ion: 53 Resp: 307
Ion Ratio Lower Upper
53 100
52 0.0 65.3 97.9#
51 54.1 28.2 42.2#



#16
Acetone
Concen: 28.064 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023847.D
Acq: 19 Aug 2021 18:58

Tgt Ion: 43 Resp: 23948
Ion Ratio Lower Upper
43 100
58 32.9 27.8 41.8





#17

Carbon Disulfide

Concen: 0.216 ug/l

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX023847.D

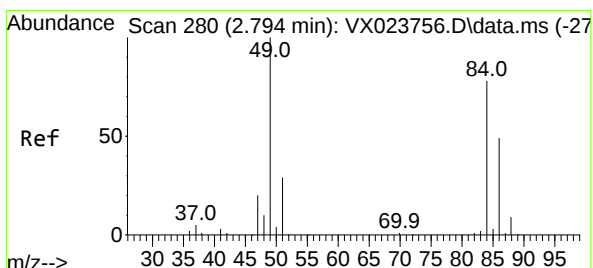
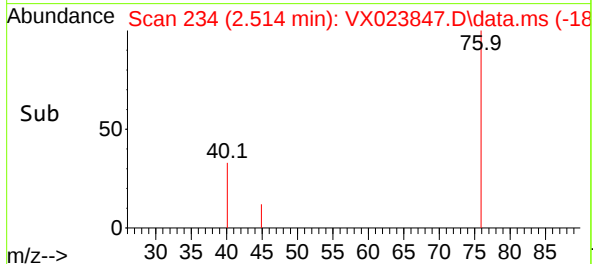
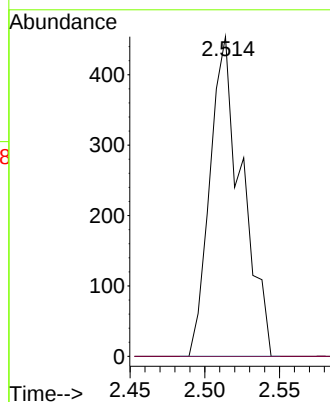
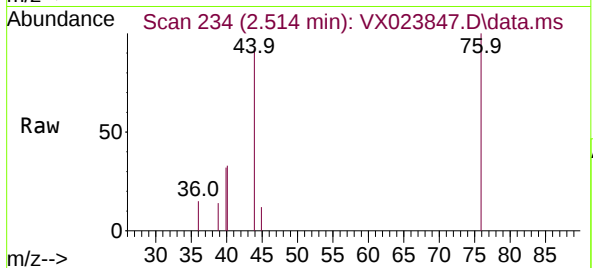
Acq: 19 Aug 2021 18:58

Tgt Ion: 76 Resp: 675

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



#20

Methylene Chloride

Concen: 0.247 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.006 min

Lab File: VX023847.D

Acq: 19 Aug 2021 18:58

Tgt Ion: 84 Resp: 402

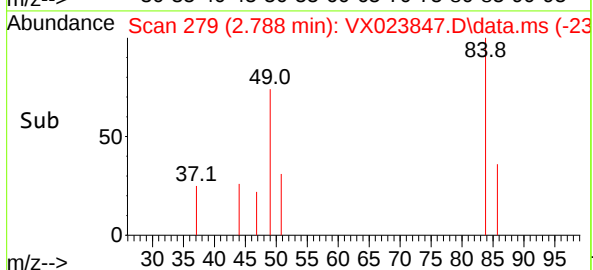
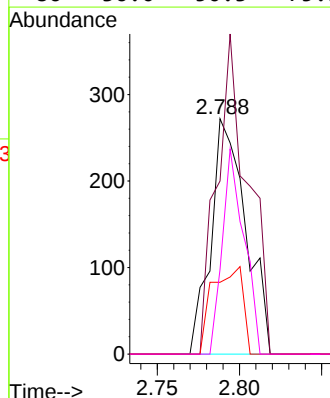
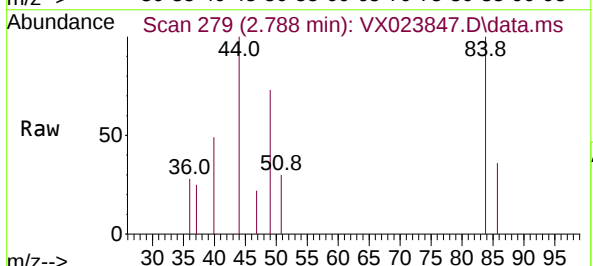
Ion Ratio Lower Upper

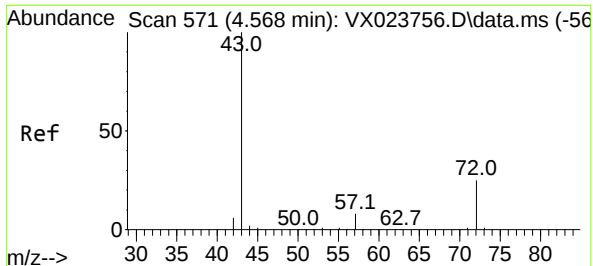
84 100

49 73.5 88.6 132.8#

51 30.5 27.0 40.6

86 36.0 50.3 75.5#

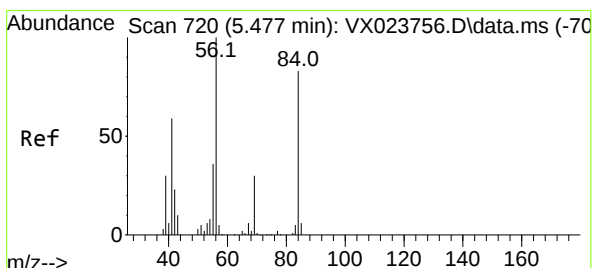
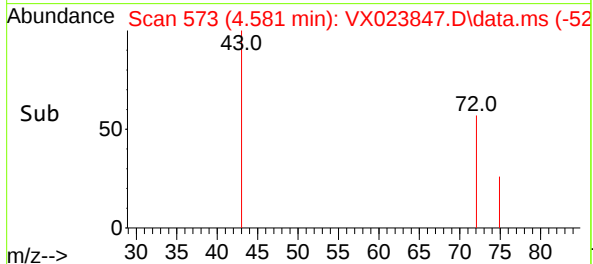
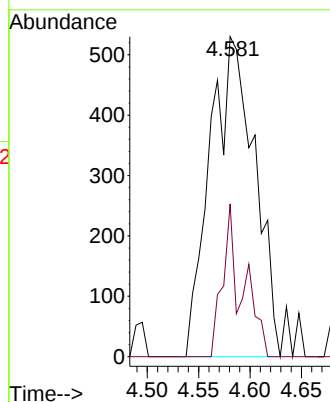
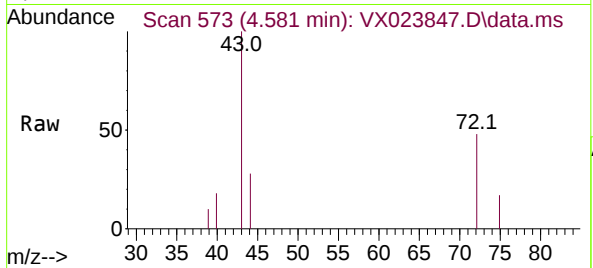




#25
2-Butanone
Concen: 1.238 ug/l
RT: 4.581 min Scan# 573
Delta R.T. 0.013 min
Lab File: VX023847.D
Acq: 19 Aug 2021 18:58

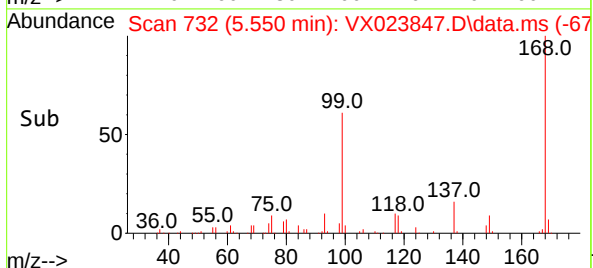
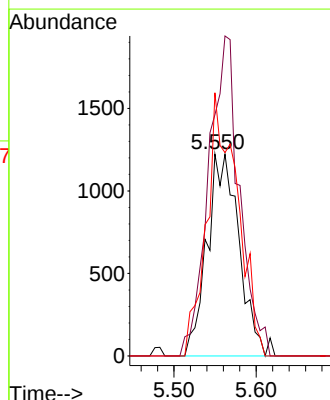
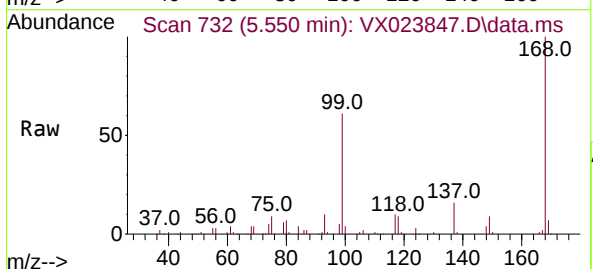
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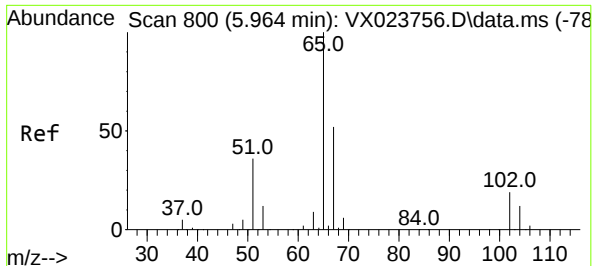
Tgt Ion: 43 Resp: 1600
Ion Ratio Lower Upper
43 100
72 47.7 23.7 35.5#



#31
Cyclohexane
Concen: 1.354 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX023847.D
Acq: 19 Aug 2021 18:58

Tgt Ion: 56 Resp: 3321
Ion Ratio Lower Upper
56 100
69 119.4 25.3 37.9#
84 130.3 71.4 107.0#

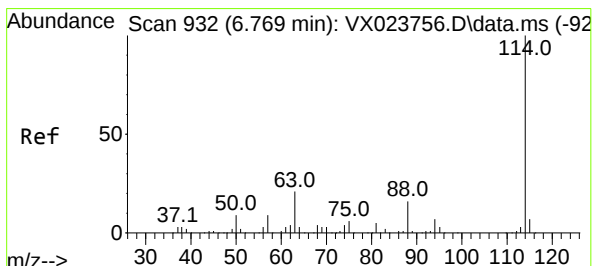
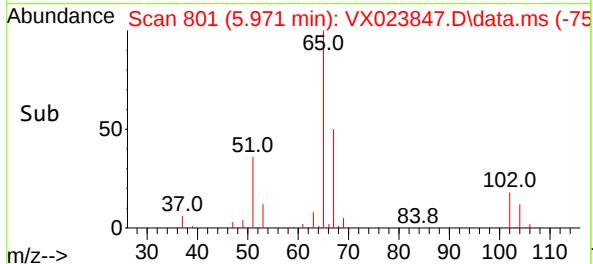
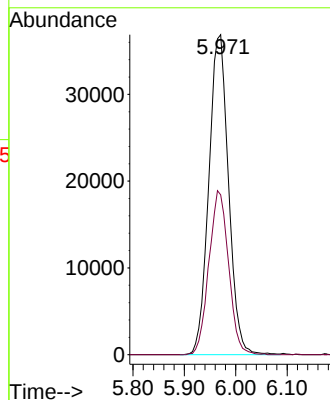
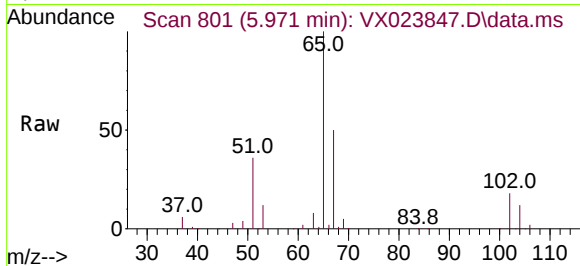




#33
 1,2-Dichloroethane-d4
 Concen: 51.403 ug/l
 RT: 5.971 min Scan# 801
 Delta R.T. 0.007 min
 Lab File: VX023847.D
 Acq: 19 Aug 2021 18:58

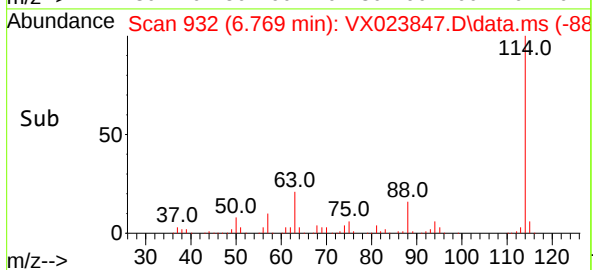
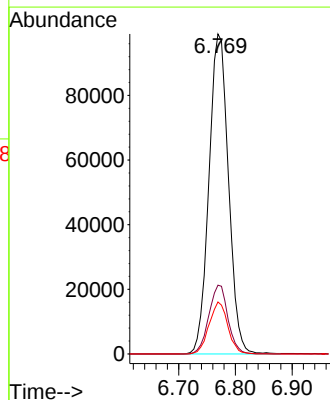
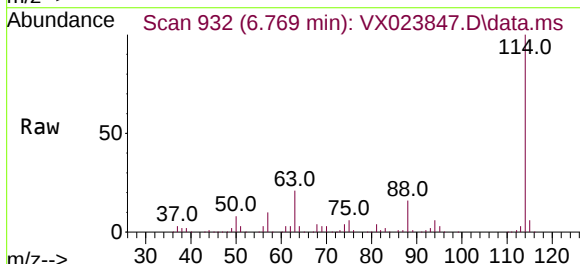
Instrument :
 MSVOA_X
 ClientSampleId :
 BB-TT-VPB-RW7-EB-20210817

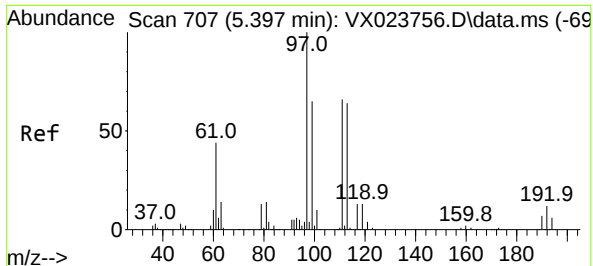
Tgt Ion: 65 Resp: 98102
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX023847.D
 Acq: 19 Aug 2021 18:58

Tgt Ion: 114 Resp: 236870
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 40.8
 88 16.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.095 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023847.D

Acq: 19 Aug 2021 18:58

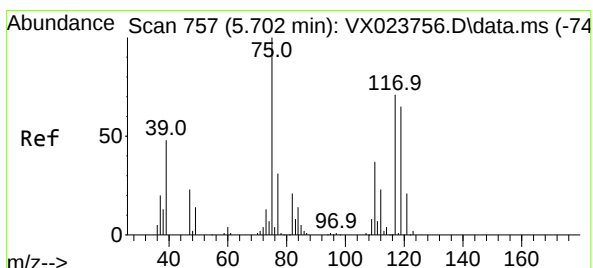
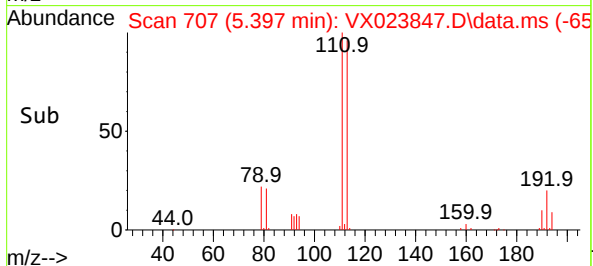
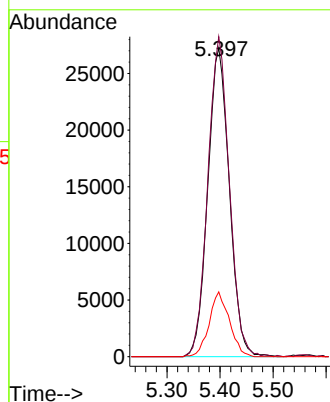
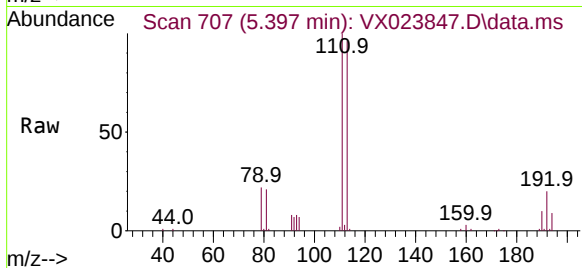
Tgt Ion:113 Resp: 76971

Ion Ratio Lower Upper

113 100

111 103.3 81.9 122.9

192 19.7 16.7 25.1



#36

1,1-Dichloropropene

Concen: 4.937 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX023847.D

Acq: 19 Aug 2021 18:58

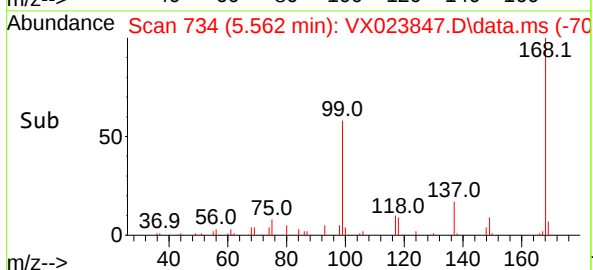
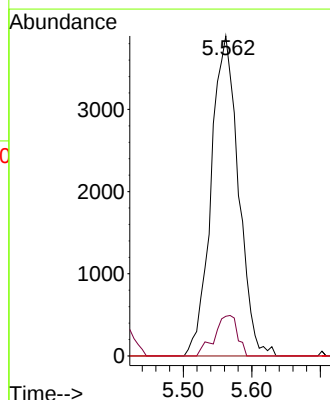
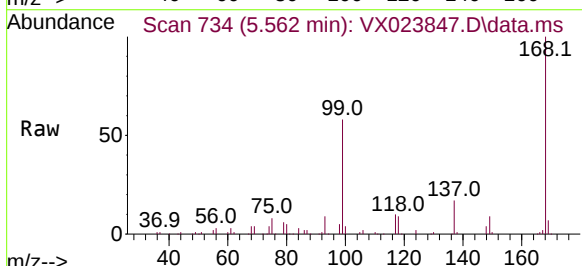
Tgt Ion: 75 Resp: 10829

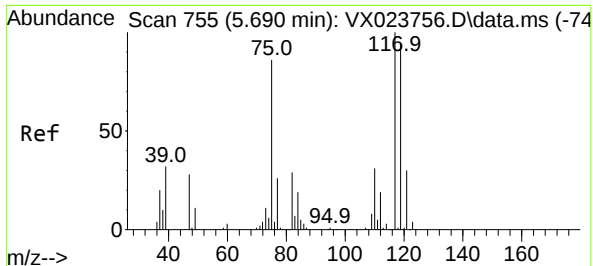
Ion Ratio Lower Upper

75 100

110 10.5 18.1 54.4#

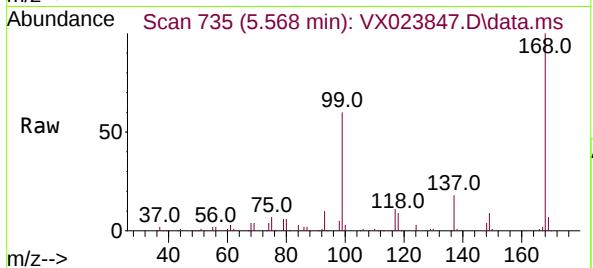
77 0.0 25.3 37.9#



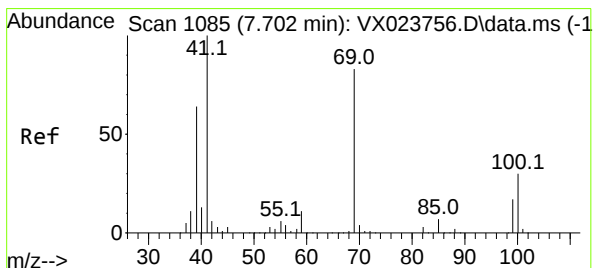
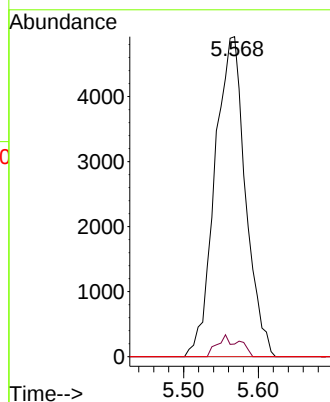
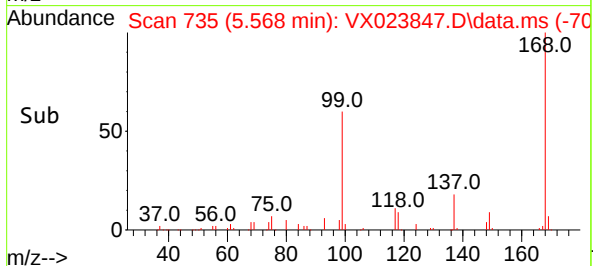


#38
Carbon Tetrachloride
Concen: 6.124 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX023847.D
Acq: 19 Aug 2021 18:58

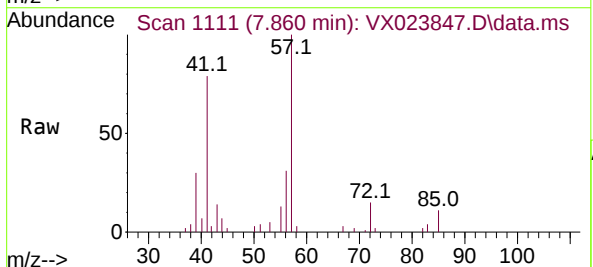
Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-EB-20210817



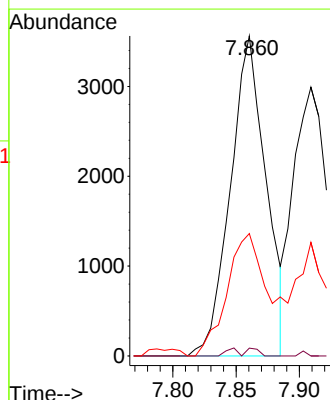
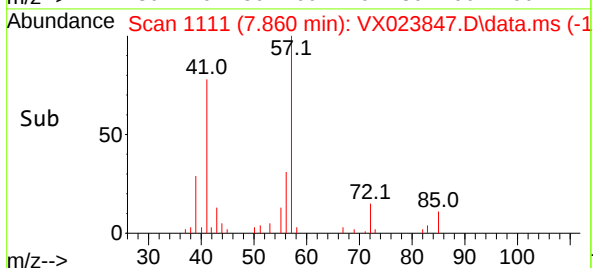
Tgt Ion:117 Resp: 14007
Ion Ratio Lower Upper
117 100
119 3.9 76.2 114.2#
121 0.0 24.8 37.2#

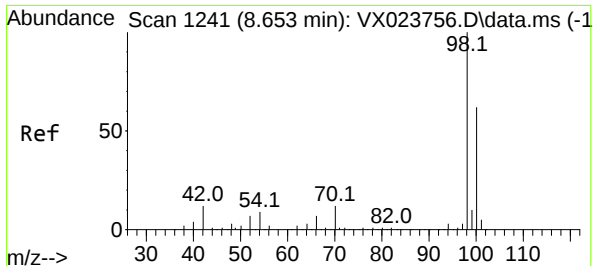


#48
Methyl methacrylate
Concen: 3.387 ug/l
RT: 7.860 min Scan# 1111
Delta R.T. 0.158 min
Lab File: VX023847.D
Acq: 19 Aug 2021 18:58



Tgt Ion: 41 Resp: 6968
Ion Ratio Lower Upper
41 100
69 0.9 76.0 114.0#
39 39.7 44.6 67.0#





#50

Toluene-d8

Concen: 48.543 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX023847.D

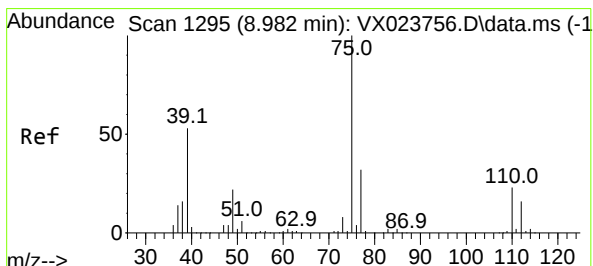
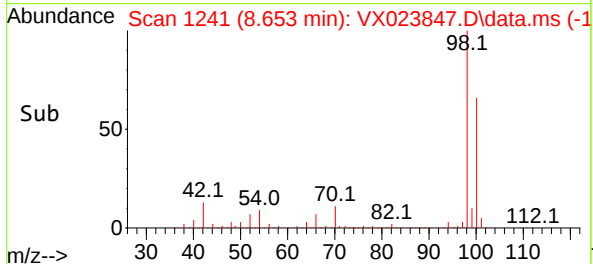
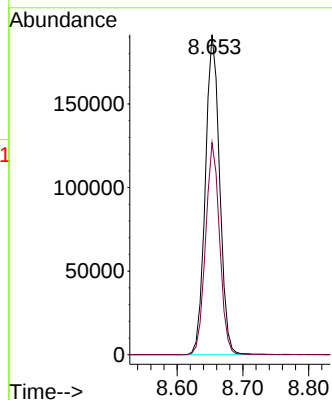
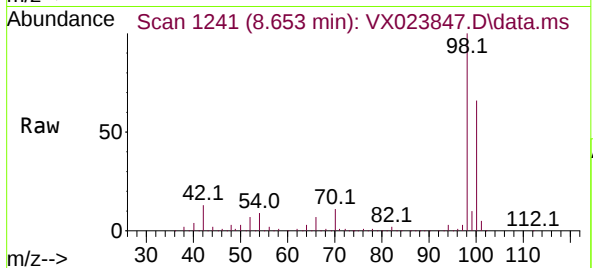
Acq: 19 Aug 2021 18:58

Tgt Ion: 98 Resp: 289659

Ion Ratio Lower Upper

98 100

100 64.9 51.9 77.9



#53

t-1,3-Dichloropropene

Concen: 2.146 ug/l

RT: 8.994 min Scan# 1297

Delta R.T. 0.012 min

Lab File: VX023847.D

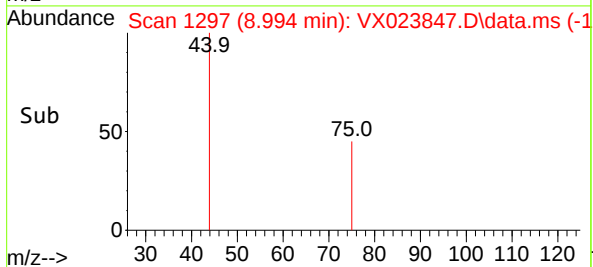
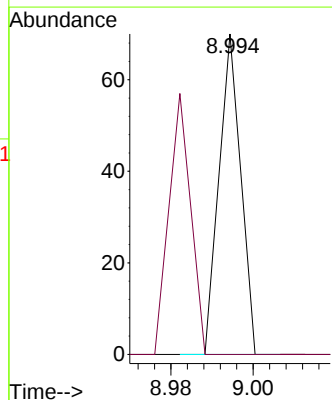
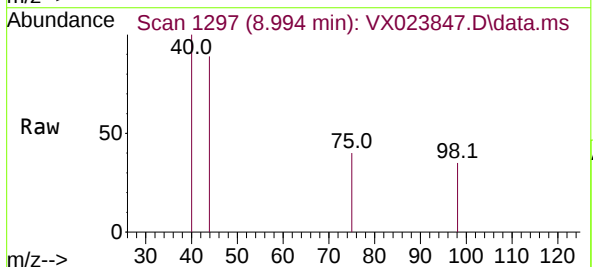
Acq: 19 Aug 2021 18:58

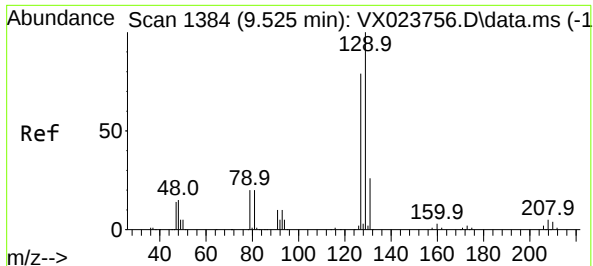
Tgt Ion: 75 Resp: 26

Ion Ratio Lower Upper

75 100

77 0.0 24.9 37.3#





#60

Dibromochloromethane

Concen: 1.709 ug/l

RT: 9.281 min Scan# 1344

Delta R.T. -0.244 min

Lab File: VX023847.D

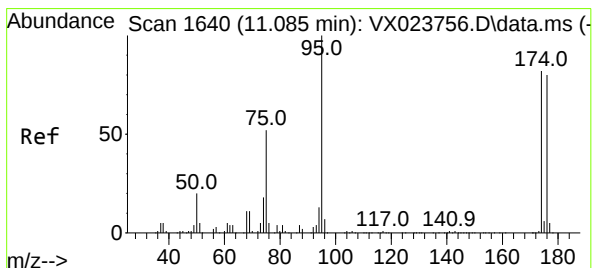
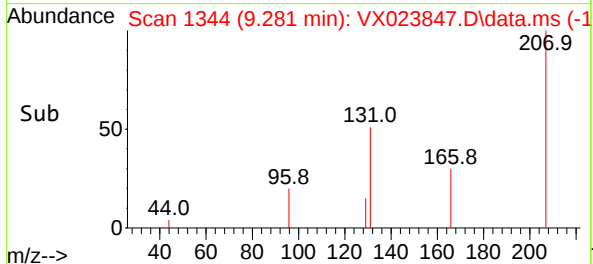
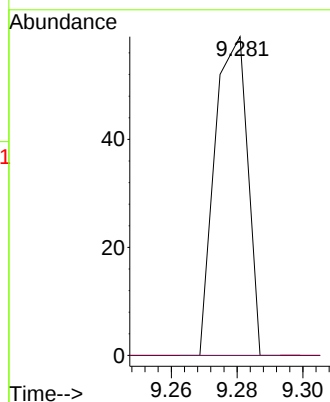
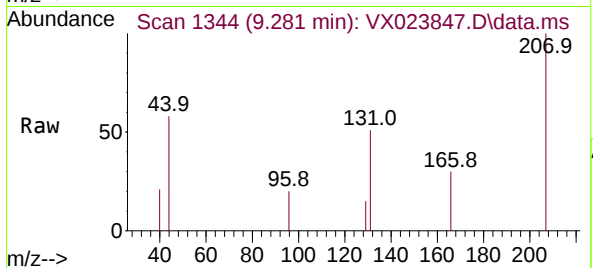
Acq: 19 Aug 2021 18:58

Tgt Ion:129 Resp: 41

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 44.647 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX023847.D

Acq: 19 Aug 2021 18:58

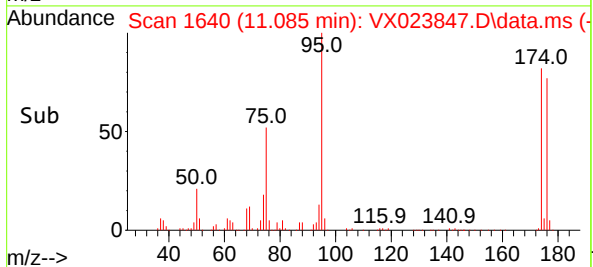
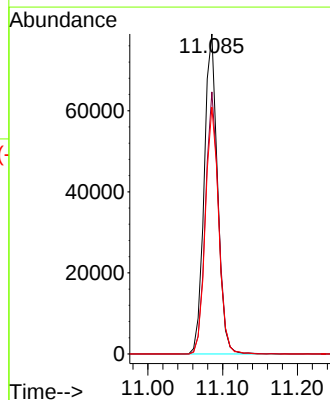
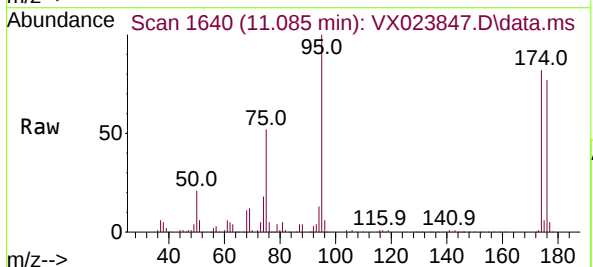
Tgt Ion: 95 Resp: 98073

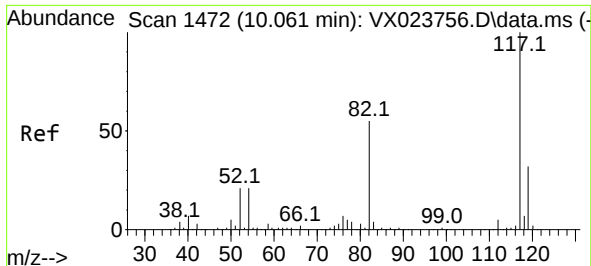
Ion Ratio Lower Upper

95 100

174 80.3 0.0 154.6

176 76.7 0.0 155.8

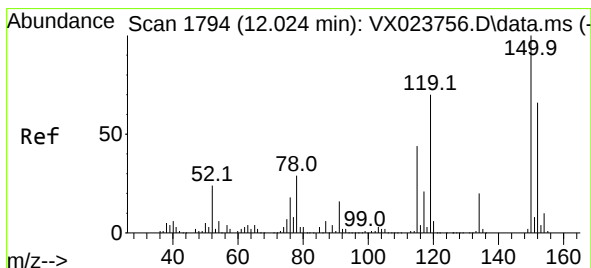
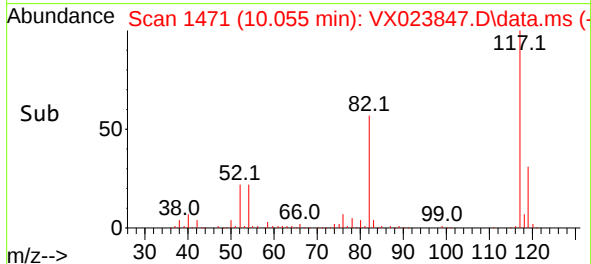
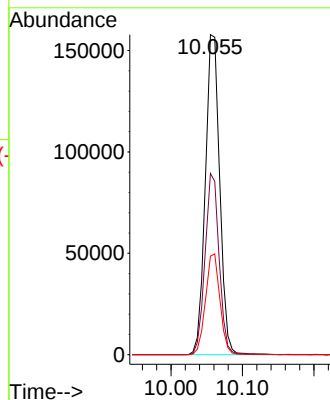
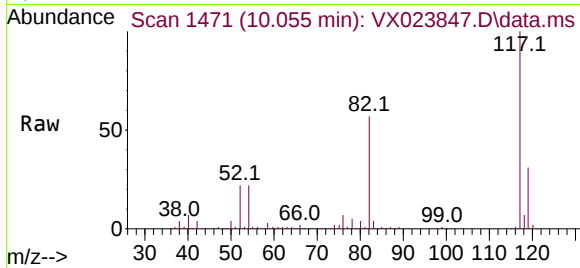




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023847.D
Acq: 19 Aug 2021 18:58

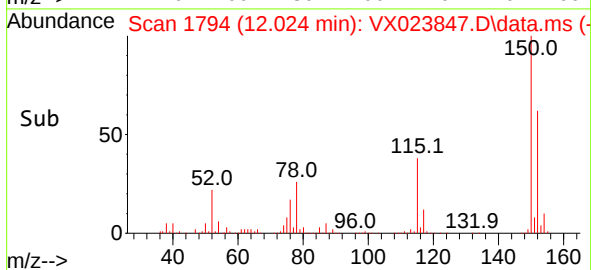
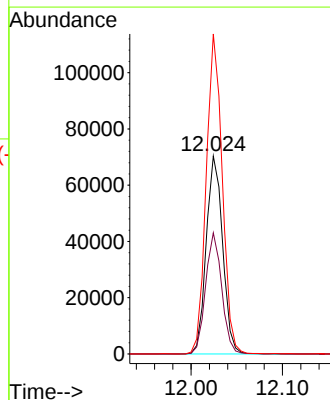
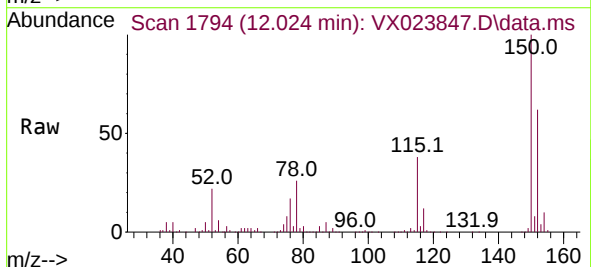
Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-EB-20210817

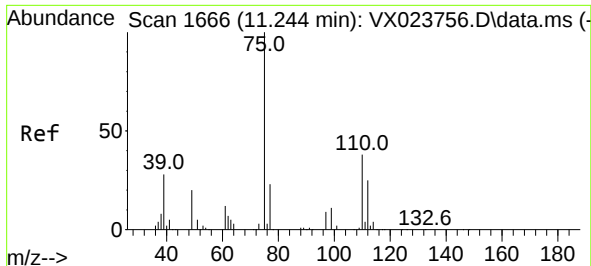
Tgt Ion:117 Resp: 220954
Ion Ratio Lower Upper
117 100
82 56.6 47.4 71.2
119 30.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023847.D
Acq: 19 Aug 2021 18:58

Tgt Ion:152 Resp: 87373
Ion Ratio Lower Upper
152 100
115 60.2 41.1 123.3
150 158.0 0.0 349.0

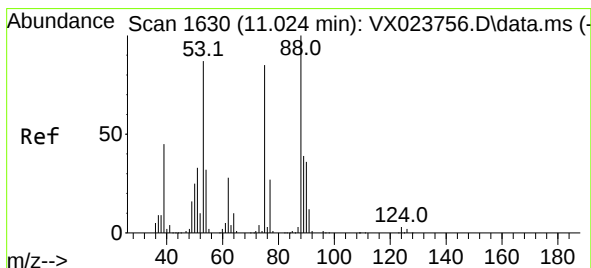
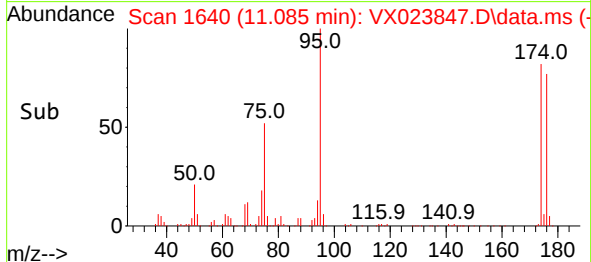
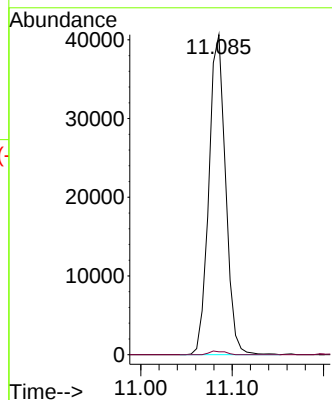
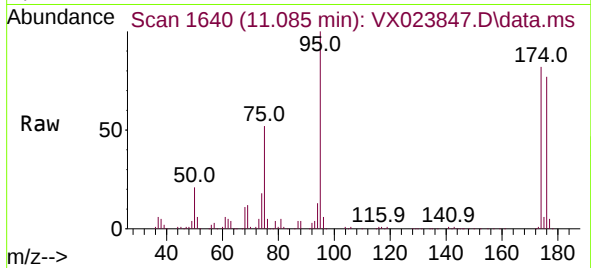




#76
1,2,3-Trichloropropane
Concen: 25.264 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023847.D
Acq: 19 Aug 2021 18:58

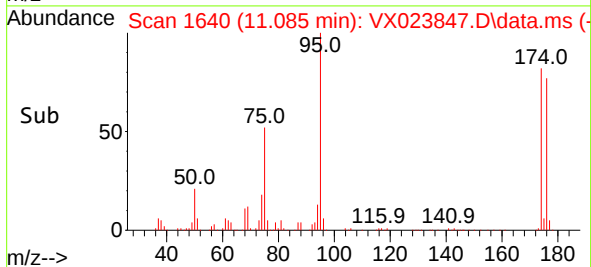
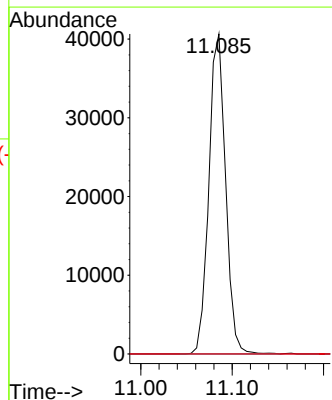
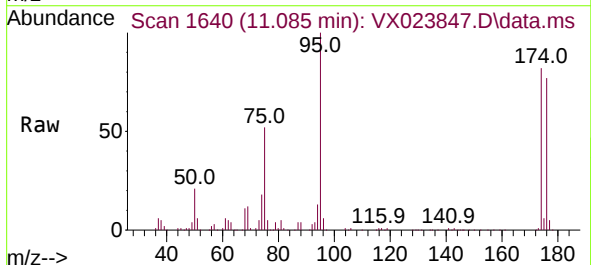
Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-EB-20210817

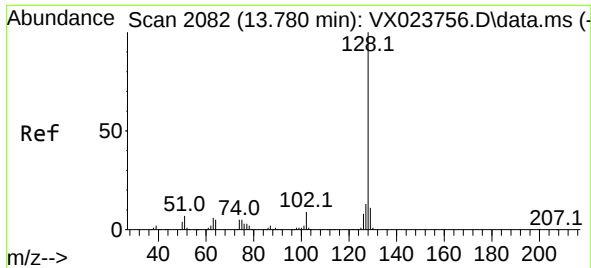
Tgt Ion: 75 Resp: 51493
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.316 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023847.D
Acq: 19 Aug 2021 18:58

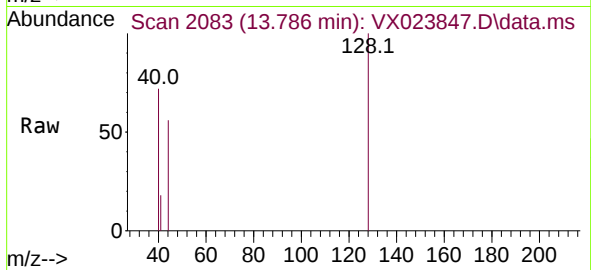
Tgt Ion: 75 Resp: 51493
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.344 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX023847.D
Acq: 19 Aug 2021 18:58

Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-EB-20210817



Tgt Ion:128 Resp: 404
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

