

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082021\
 Data File : VX023853.D
 Acq On : 19 Aug 2021 21:20
 Operator : JC/MD
 Sample : M3483-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BB-TT-VPB-RW7-GW-300-302

Quant Time: Aug 20 03:16:20 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)

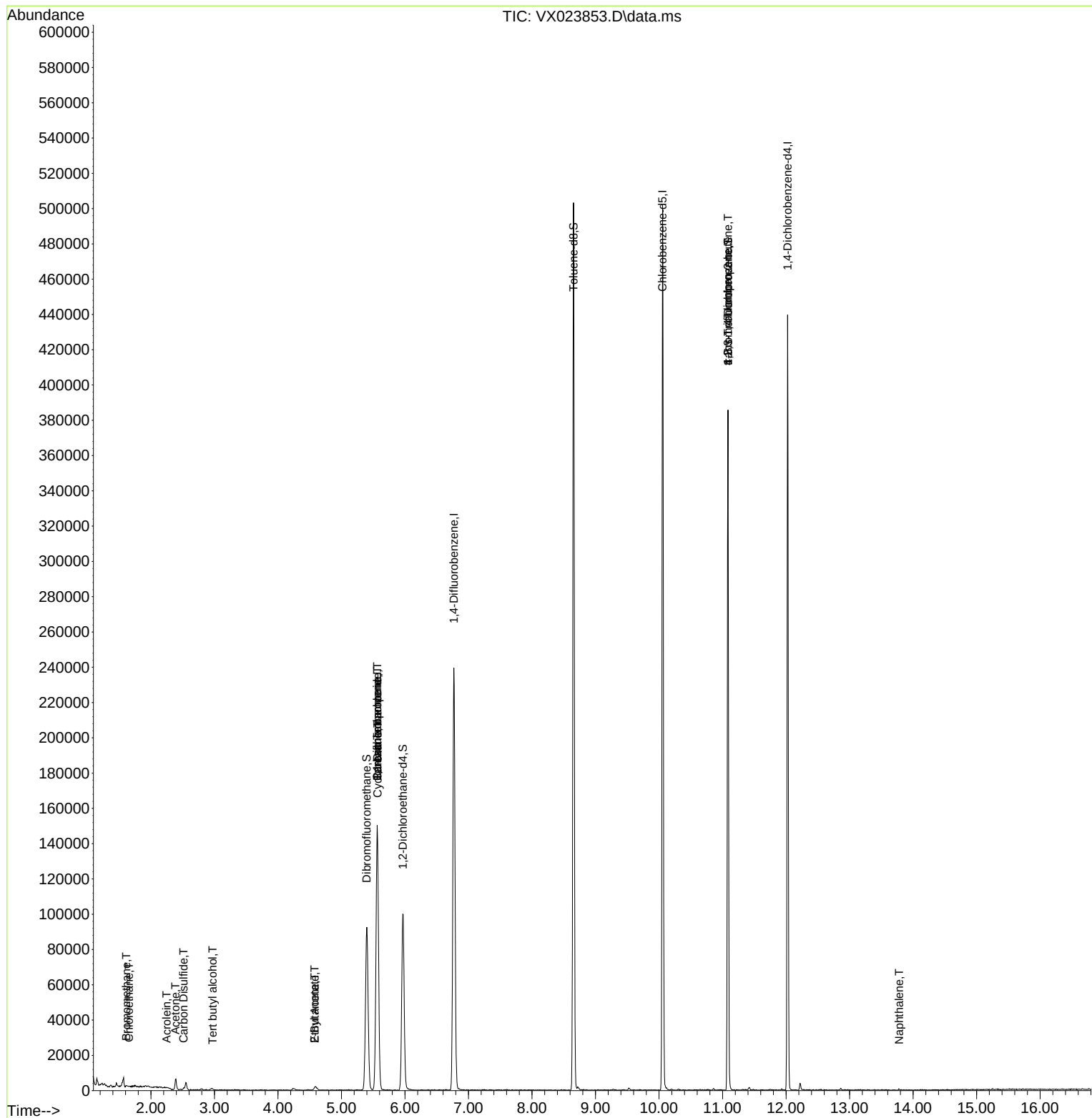
Internal Standards						
1) Pentafluorobenzene	5.562	168	139721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	237701	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	99281	50.912	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.820%			
35) Dibromofluoromethane	5.397	113	78411	49.839	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.680%			
50) Toluene-d8	8.653	98	289392	48.329	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.660%			
62) 4-Bromofluorobenzene	11.085	95	95308	43.236	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 86.480%			
Target Compounds						Qvalue
5) Bromomethane	1.611	94	528	0.532	ug/l	98
6) Chloroethane	1.654	64	59	2.260	ug/l #	43
11) Tert butyl alcohol	2.971	59	752	1.907	ug/l #	73
13) Acrolein	2.245	56	71	0.303	ug/l #	18
16) Acetone	2.386	43	6524	7.482	ug/l #	84
17) Carbon Disulfide	2.514	76	1225	0.383	ug/l	99
25) 2-Butanone	4.574	43	1818	1.377	ug/l	91
31) Cyclohexane	5.568	56	3179	1.269	ug/l #	43
36) 1,1-Dichloropropene	5.562	75	11092	5.039	ug/l #	48
37) Ethyl Acetate	4.574	43	1818	0.672	ug/l #	66
38) Carbon Tetrachloride	5.562	117	13826	6.023	ug/l #	15
76) 1,2,3-Trichloropropane	11.085	75	52013	25.497	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	52013	75.001	ug/l #	12
95) Naphthalene	13.780	128	593	1.373	ug/l #	69

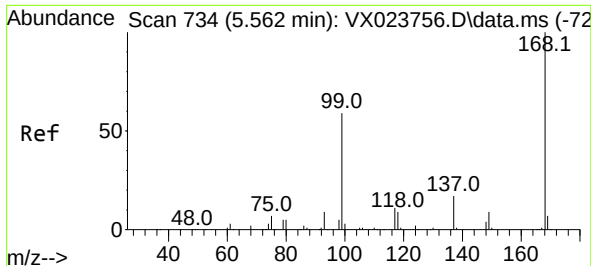
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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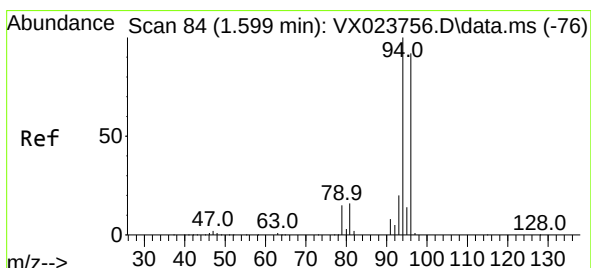
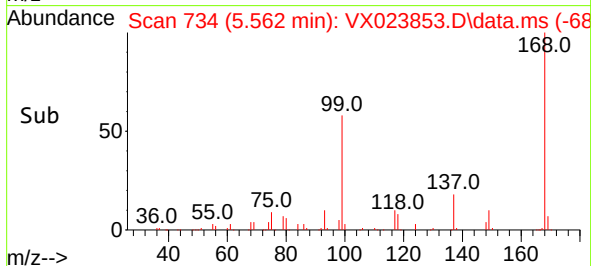
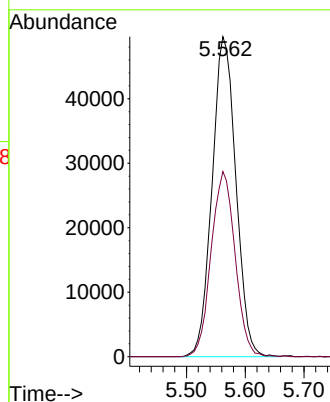
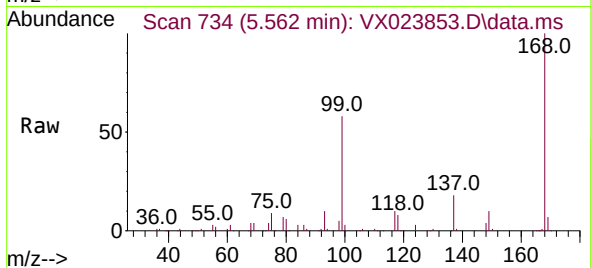




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023853.D
Acq: 19 Aug 2021 21:20

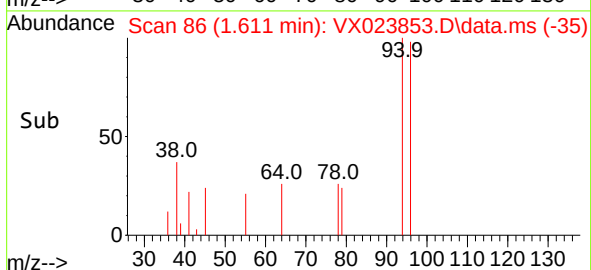
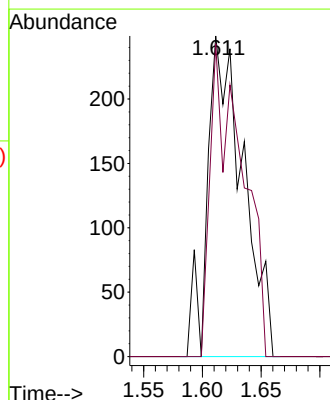
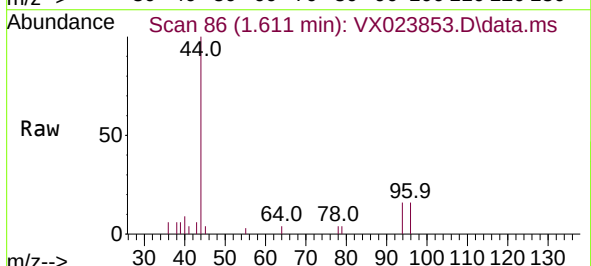
Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-GW-300-302

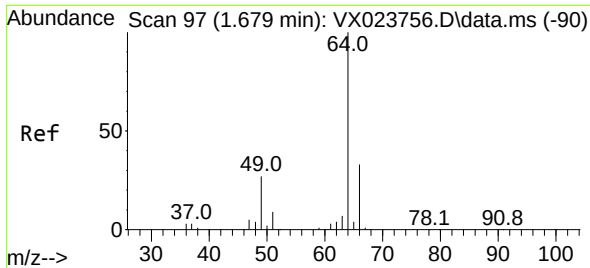
Tgt Ion:168 Resp: 139721
Ion Ratio Lower Upper
168 100
99 57.8 45.8 68.6



#5
Bromomethane
Concen: 0.532 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX023853.D
Acq: 19 Aug 2021 21:20

Tgt Ion: 94 Resp: 528
Ion Ratio Lower Upper
94 100
96 97.6 76.4 114.6

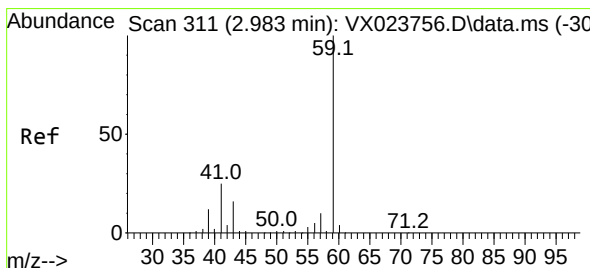
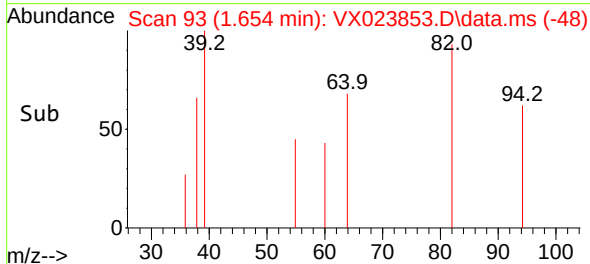
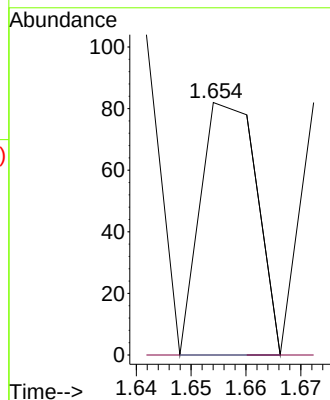
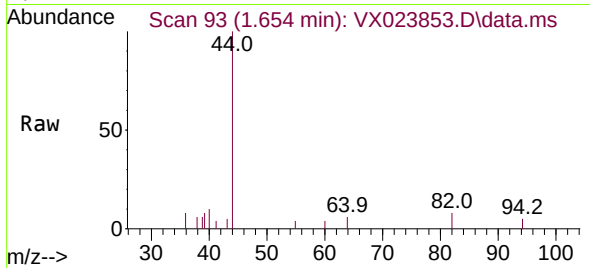




#6
Chloroethane
Concen: 2.260 ug/l
RT: 1.654 min Scan# 93
Delta R.T. -0.025 min
Lab File: VX023853.D
Acq: 19 Aug 2021 21:20

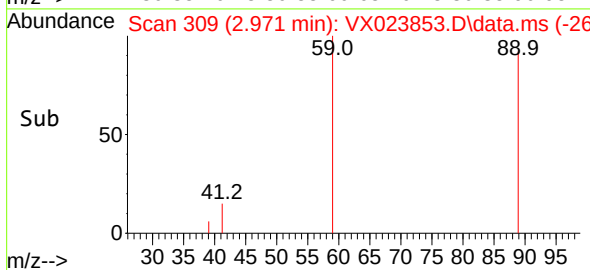
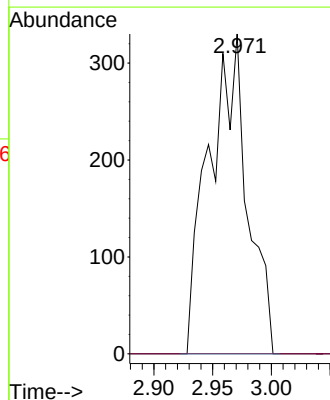
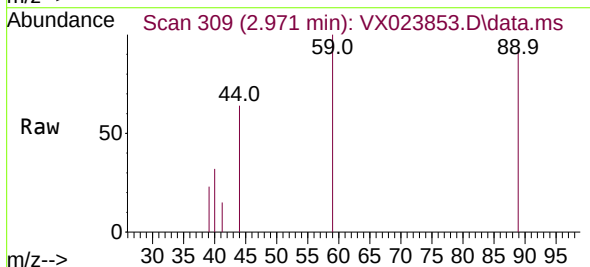
Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-GW-300-302

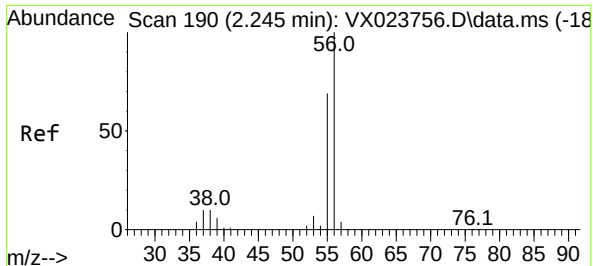
Tgt Ion: 64 Resp: 59
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: 1.907 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX023853.D
Acq: 19 Aug 2021 21:20

Tgt Ion: 59 Resp: 752
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

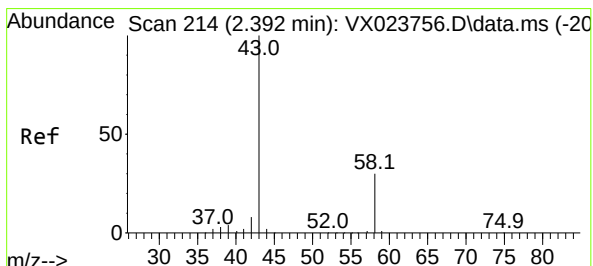
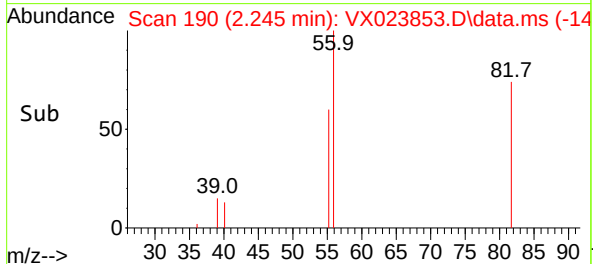
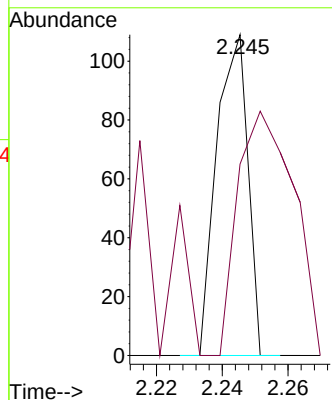
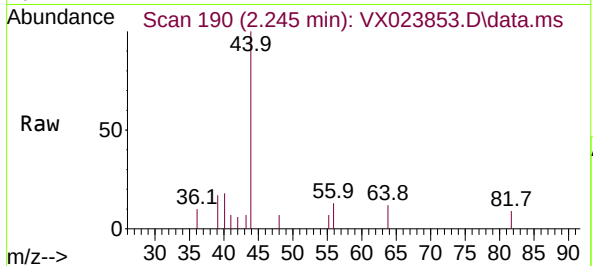




#13
Acrolein
Concen: 0.303 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.000 min
Lab File: VX023853.D
Acq: 19 Aug 2021 21:20

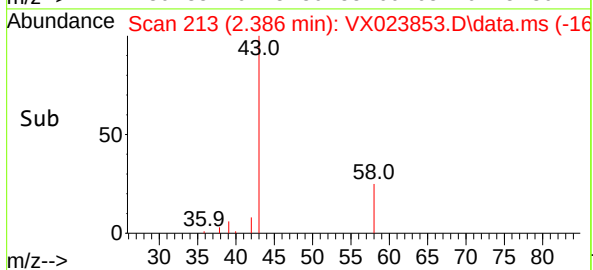
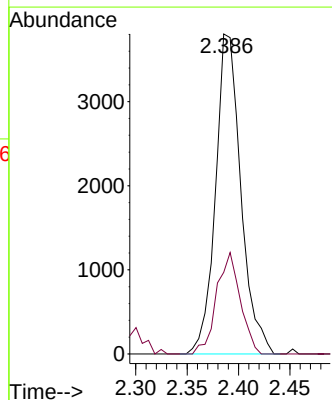
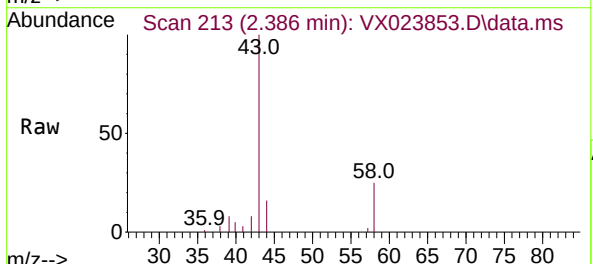
Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-GW-300-302

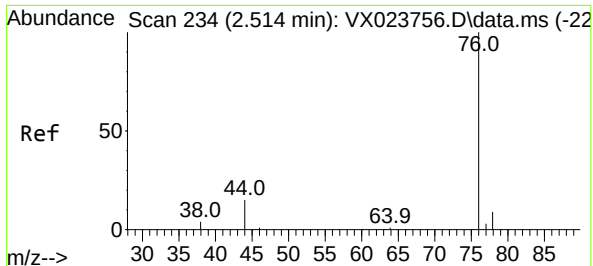
Tgt Ion: 56 Resp: 71
Ion Ratio Lower Upper
56 100
55 138.0 56.4 84.6#



#16
Acetone
Concen: 7.482 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023853.D
Acq: 19 Aug 2021 21:20

Tgt Ion: 43 Resp: 6524
Ion Ratio Lower Upper
43 100
58 25.5 27.8 41.8#

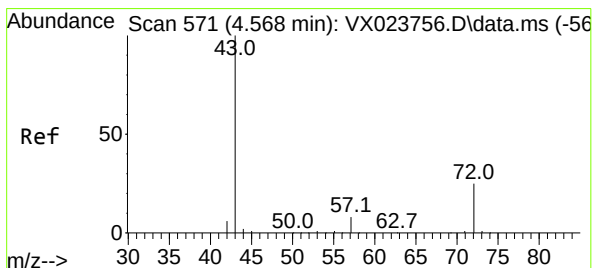
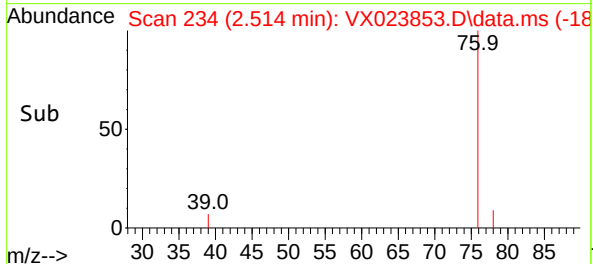
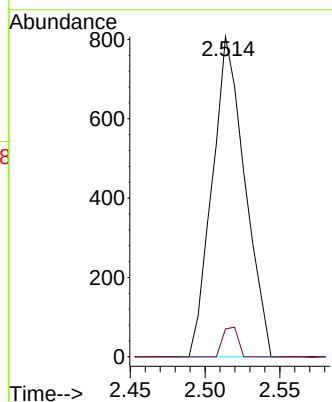
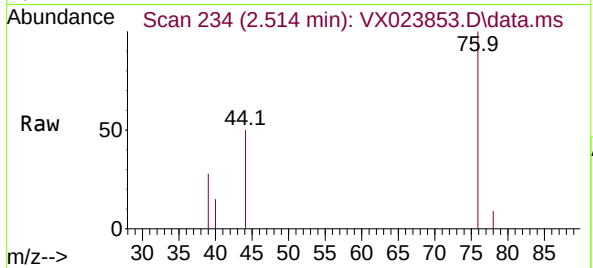




#17
Carbon Disulfide
Concen: 0.383 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023853.D
Acq: 19 Aug 2021 21:20

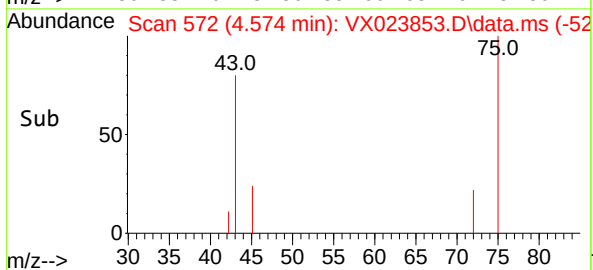
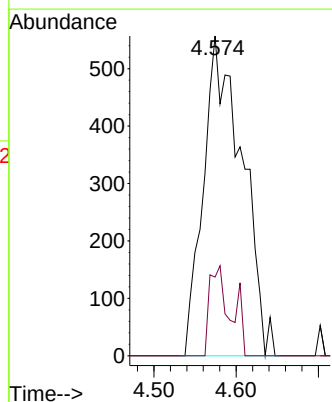
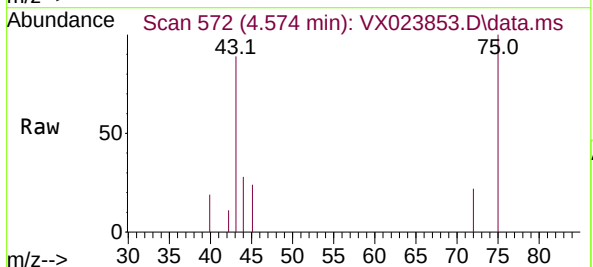
Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-GW-300-302

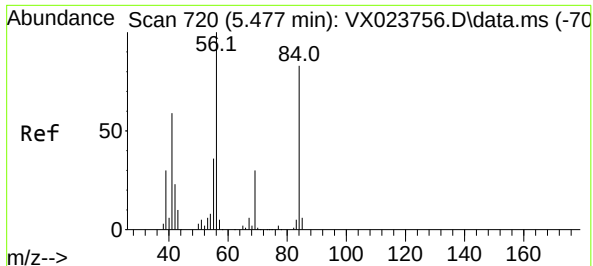
Tgt Ion: 76 Resp: 1225
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8



#25
2-Butanone
Concen: 1.377 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX023853.D
Acq: 19 Aug 2021 21:20

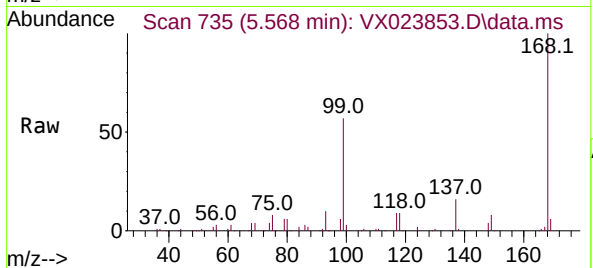
Tgt Ion: 43 Resp: 1818
Ion Ratio Lower Upper
43 100
72 24.6 23.7 35.5



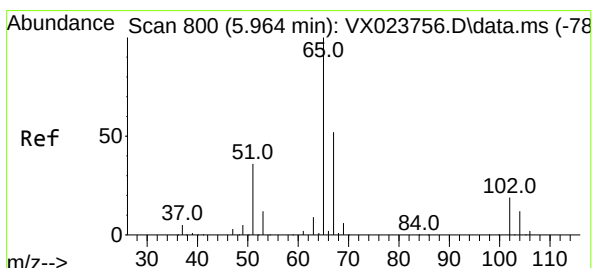
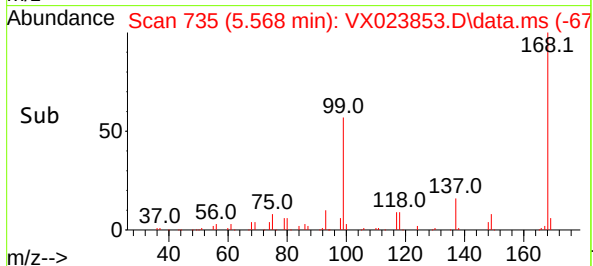
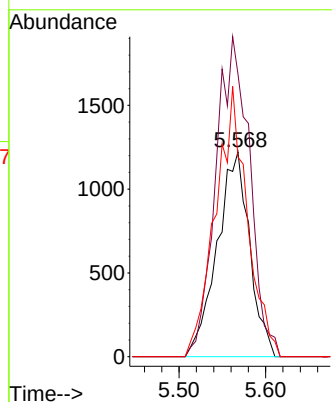


#31
Cyclohexane
Concen: 1.269 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX023853.D
Acq: 19 Aug 2021 21:20

Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-GW-300-302

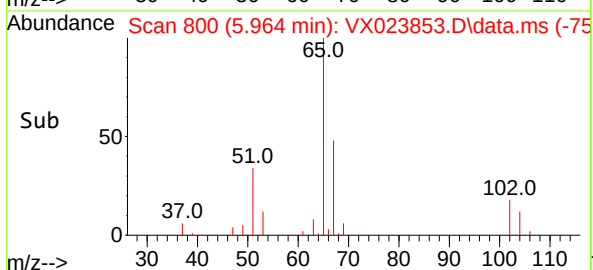
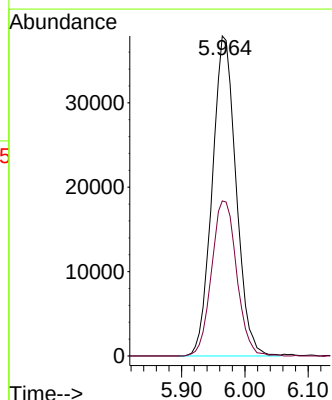
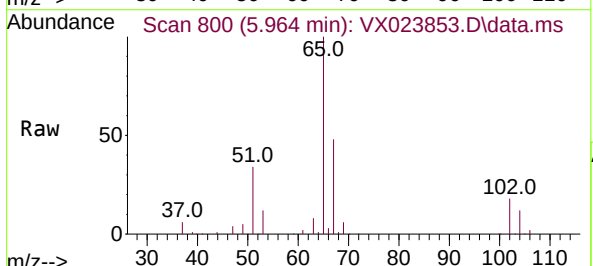


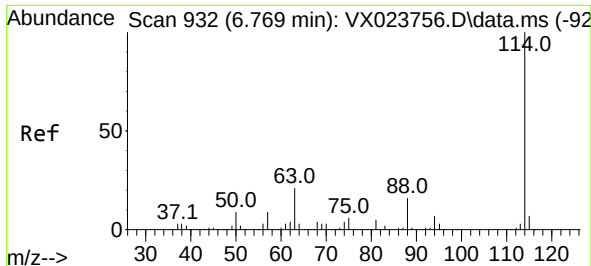
Tgt Ion: 56 Resp: 3179
Ion Ratio Lower Upper
56 100
69 138.0 25.3 37.9#
84 97.4 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 50.912 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023853.D
Acq: 19 Aug 2021 21:20

Tgt Ion: 65 Resp: 99281
Ion Ratio Lower Upper
65 100
67 50.9 0.0 105.4

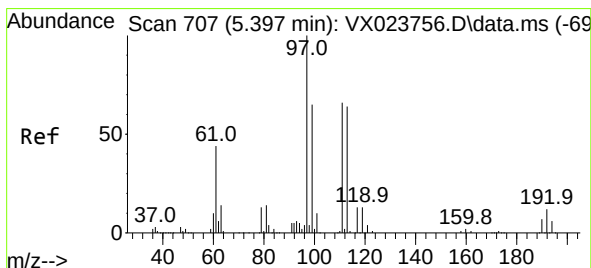
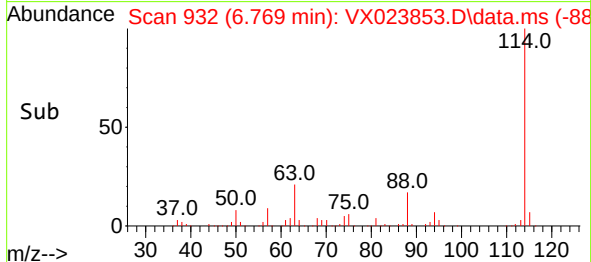
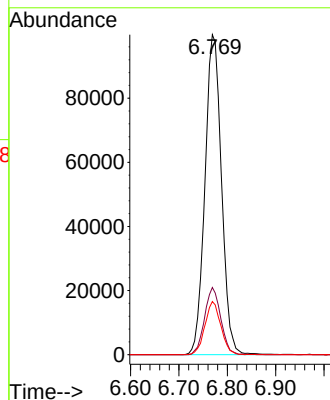
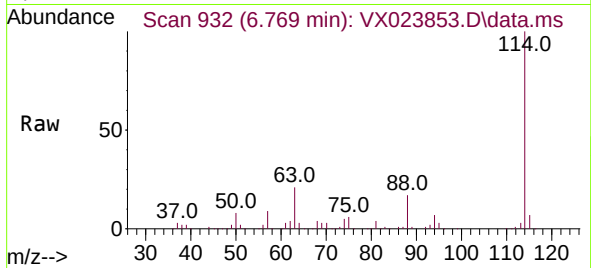




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023853.D
Acq: 19 Aug 2021 21:20

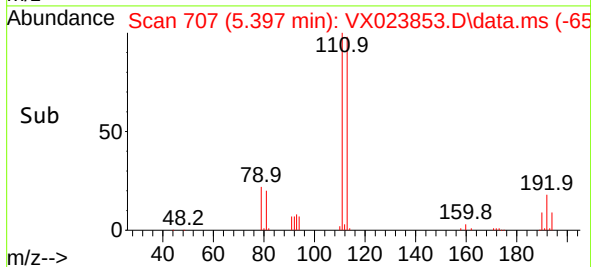
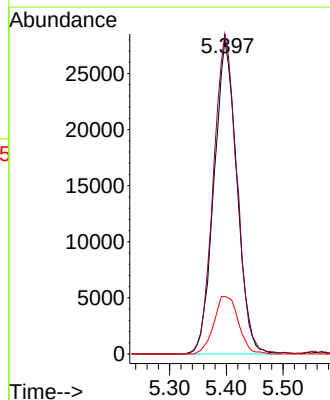
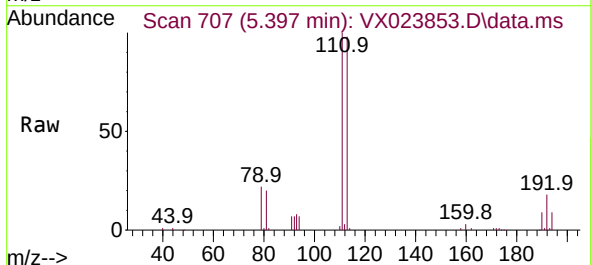
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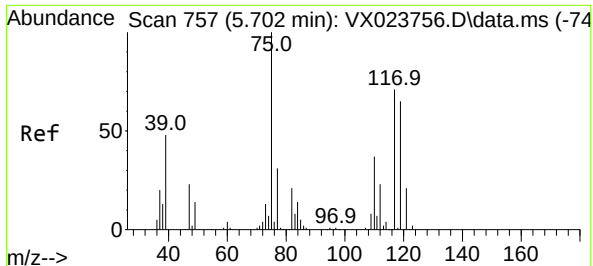
Tgt Ion:114	Resp:	237701
Ion Ratio	Lower	Upper
114	100	
63	21.0	0.0 40.8
88	16.6	0.0 32.8



#35
Dibromofluoromethane
Concen: 49.839 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023853.D
Acq: 19 Aug 2021 21:20

Tgt Ion:113	Resp:	78411
Ion Ratio	Lower	Upper
113	100	
111	104.0	81.9 122.9
192	19.7	16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.039 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX023853.D

Acq: 19 Aug 2021 21:20

Tgt Ion: 75 Resp: 11092

Ion Ratio Lower Upper

75 100

110 8.1 18.1 54.4#

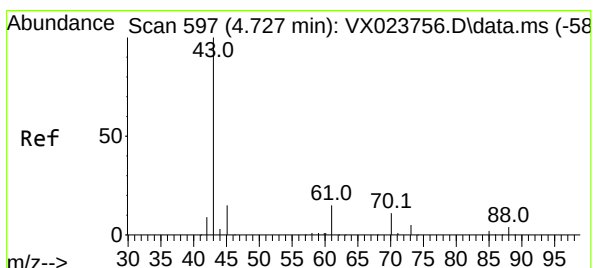
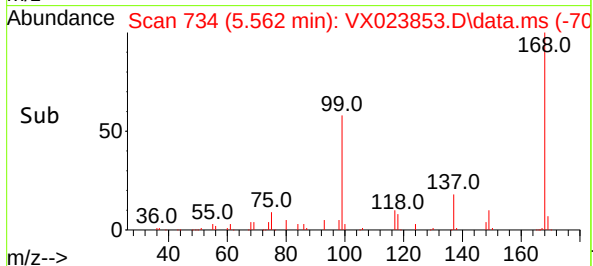
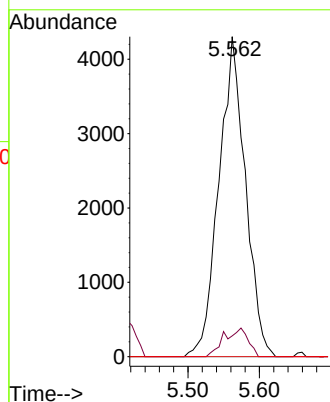
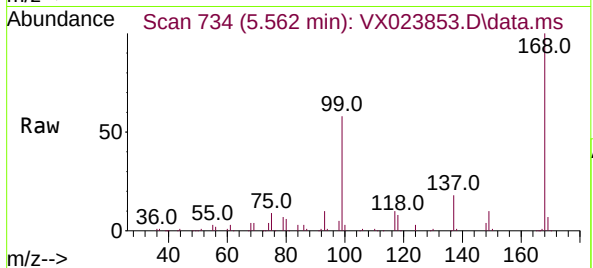
77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampleId :

BB-TT-VPB-RW7-GW-300-302



#37

Ethyl Acetate

Concen: 0.672 ug/l

RT: 4.574 min Scan# 572

Delta R.T. -0.153 min

Lab File: VX023853.D

Acq: 19 Aug 2021 21:20

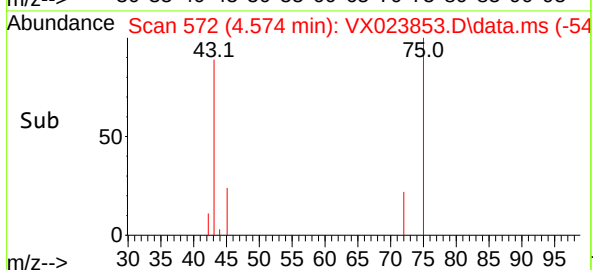
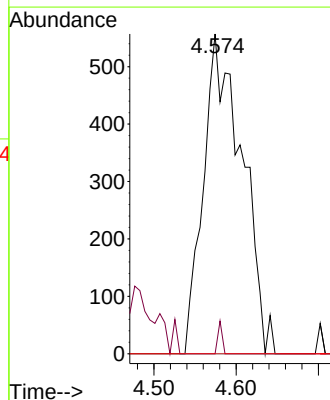
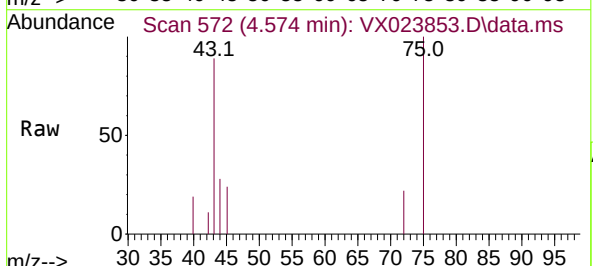
Tgt Ion: 43 Resp: 1818

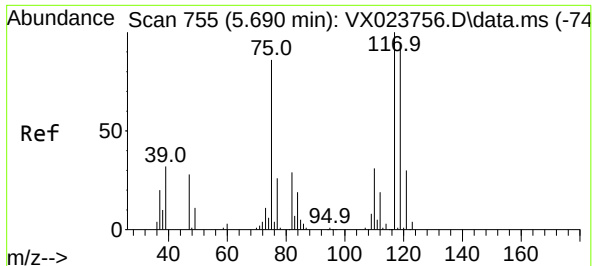
Ion Ratio Lower Upper

43 100

61 1.2 12.8 19.2#

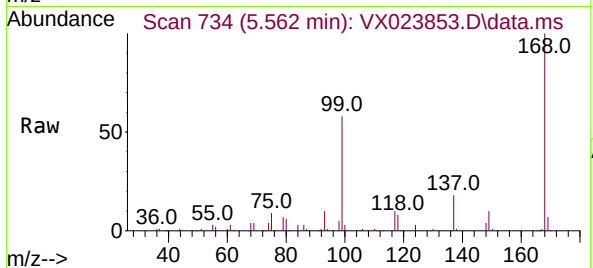
70 0.0 10.5 15.7#



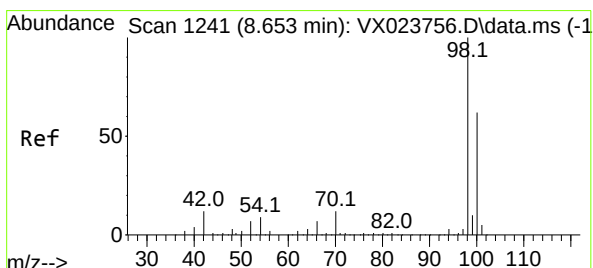
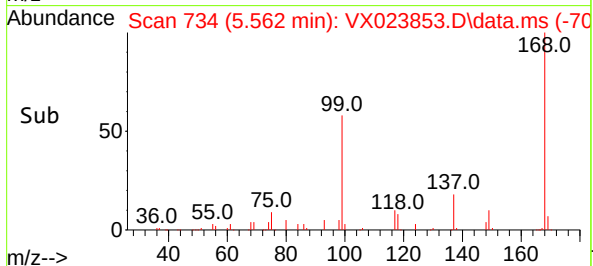
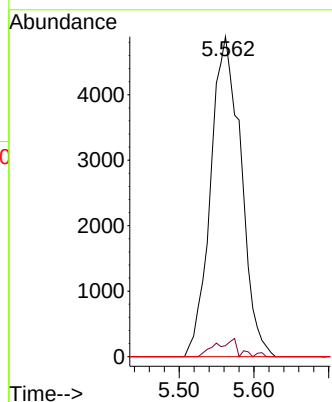


#38
Carbon Tetrachloride
Concen: 6.023 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX023853.D
Acq: 19 Aug 2021 21:20

Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-GW-300-302

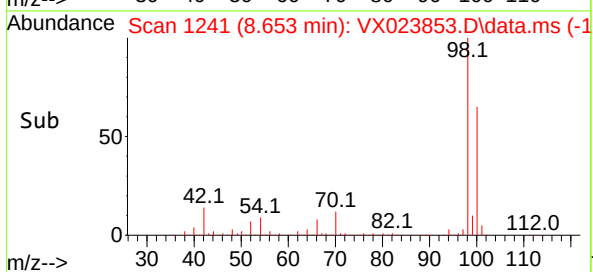
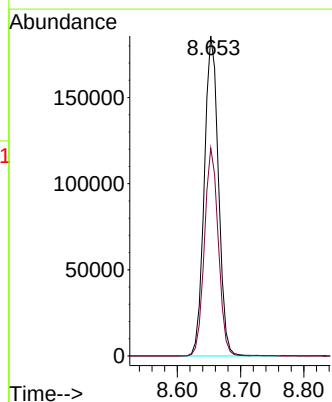
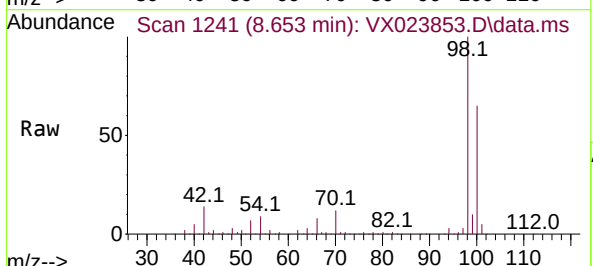


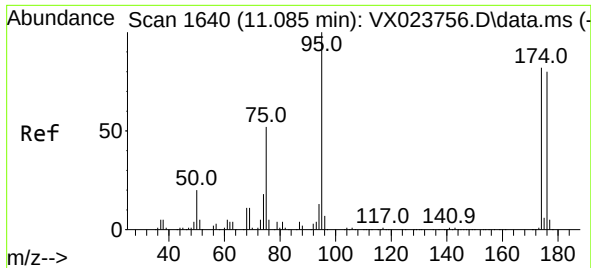
Tgt Ion:117 Resp: 13826
Ion Ratio Lower Upper
117 100
119 3.5 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.329 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023853.D
Acq: 19 Aug 2021 21:20

Tgt Ion: 98 Resp: 289392
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9

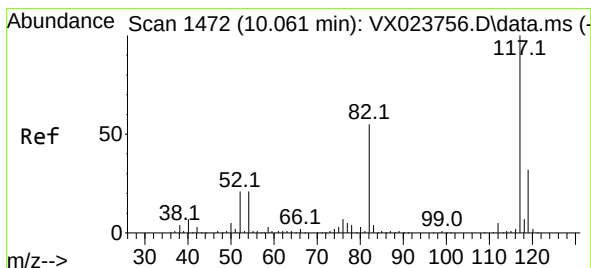
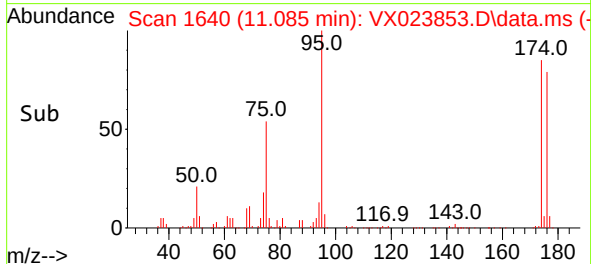
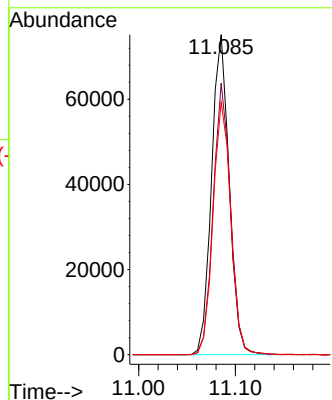
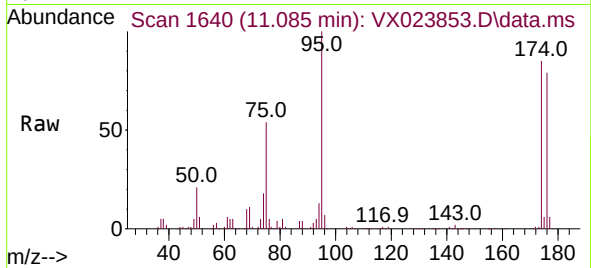




#62
4-Bromofluorobenzene
Concen: 43.236 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023853.D
Acq: 19 Aug 2021 21:20

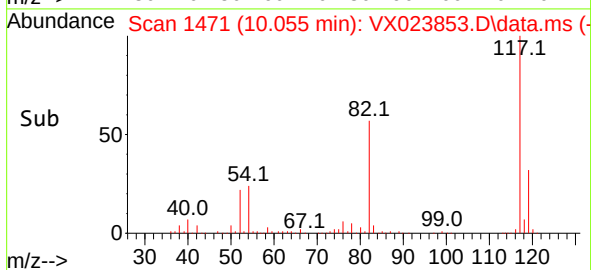
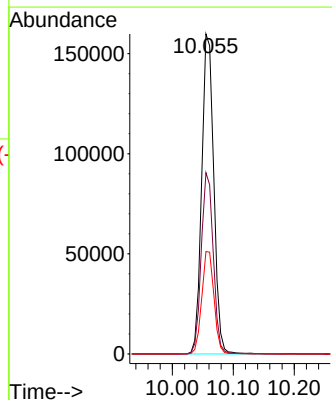
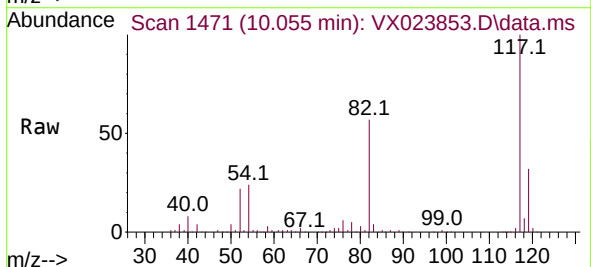
Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-GW-300-302

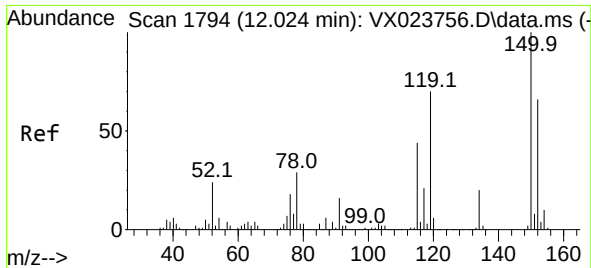
Tgt Ion: 95 Resp: 95308
Ion Ratio Lower Upper
95 100
174 83.3 0.0 154.6
176 79.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023853.D
Acq: 19 Aug 2021 21:20

Tgt Ion: 117 Resp: 219642
Ion Ratio Lower Upper
117 100
82 56.7 47.4 71.2
119 32.0 26.6 39.8

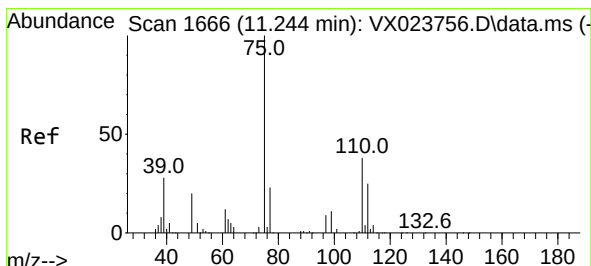
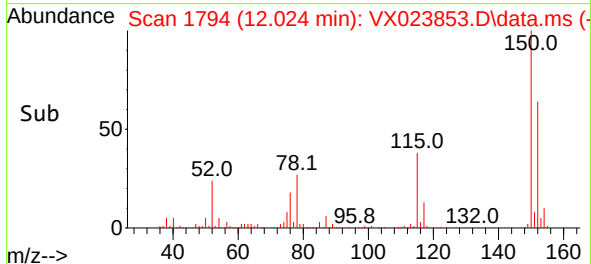
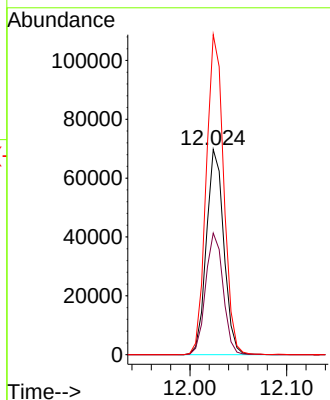
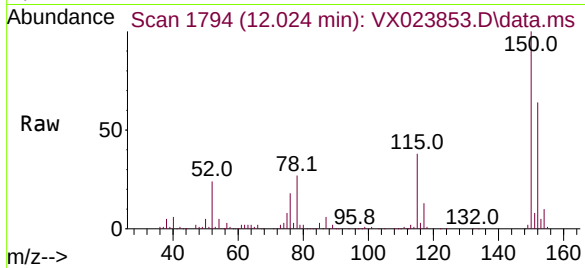




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023853.D
 Acq: 19 Aug 2021 21:20

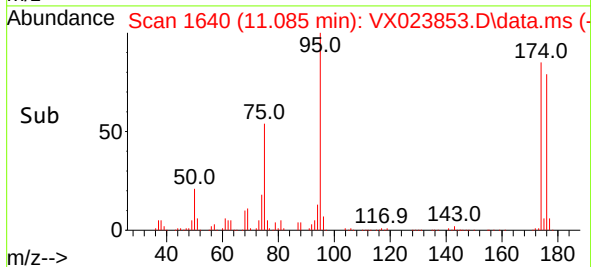
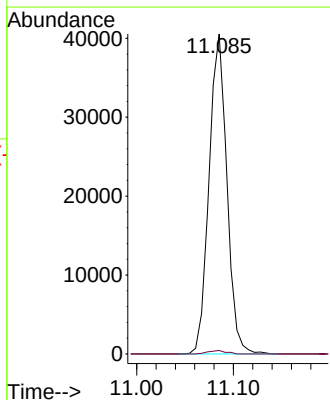
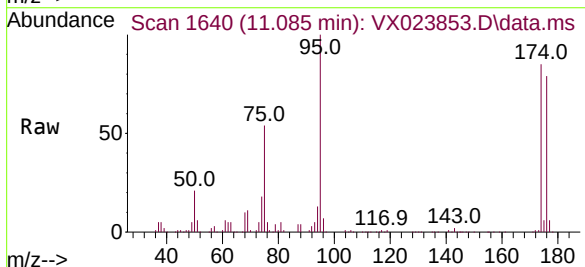
Instrument :
 MSVOA_X
 ClientSampleId :
 BB-TT-VPB-RW7-GW-300-302

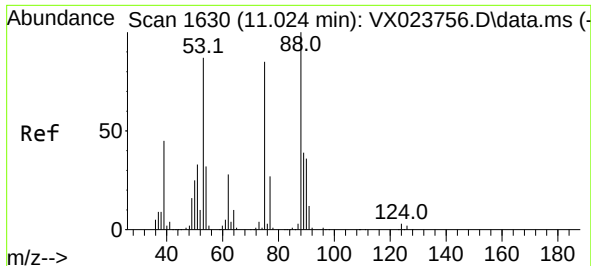
Tgt Ion:152 Resp: 87449
 Ion Ratio Lower Upper
 152 100
 115 59.5 41.1 123.3
 150 156.2 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.497 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023853.D
 Acq: 19 Aug 2021 21:20

Tgt Ion: 75 Resp: 52013
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

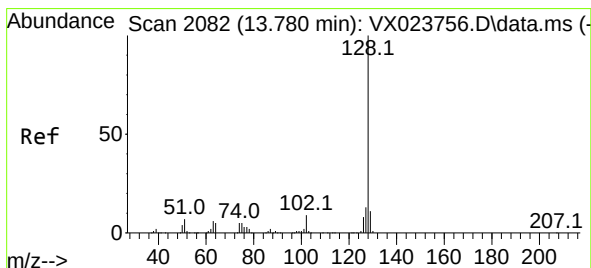
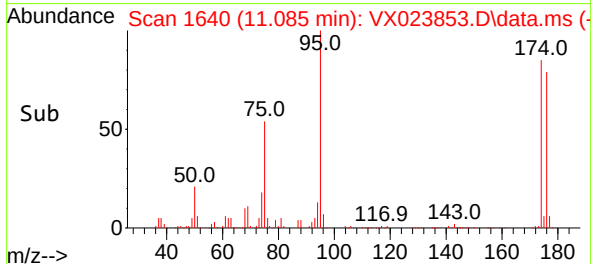
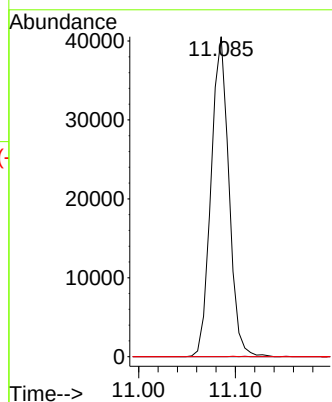
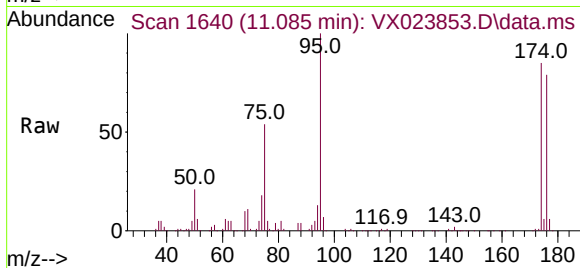




#81
trans-1,4-Dichloro-2-butene
Concen: 75.001 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023853.D
Acq: 19 Aug 2021 21:20

Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-GW-300-302

Tgt Ion: 75 Resp: 52013
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.373 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023853.D
Acq: 19 Aug 2021 21:20

Tgt Ion: 128 Resp: 593
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

