

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082021\
 Data File : VX023855.D
 Acq On : 19 Aug 2021 22:07
 Operator : JC/MD
 Sample : M3483-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BB-TT-VPB-RW7-GW-340-342

Quant Time: Aug 20 03:16:39 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)

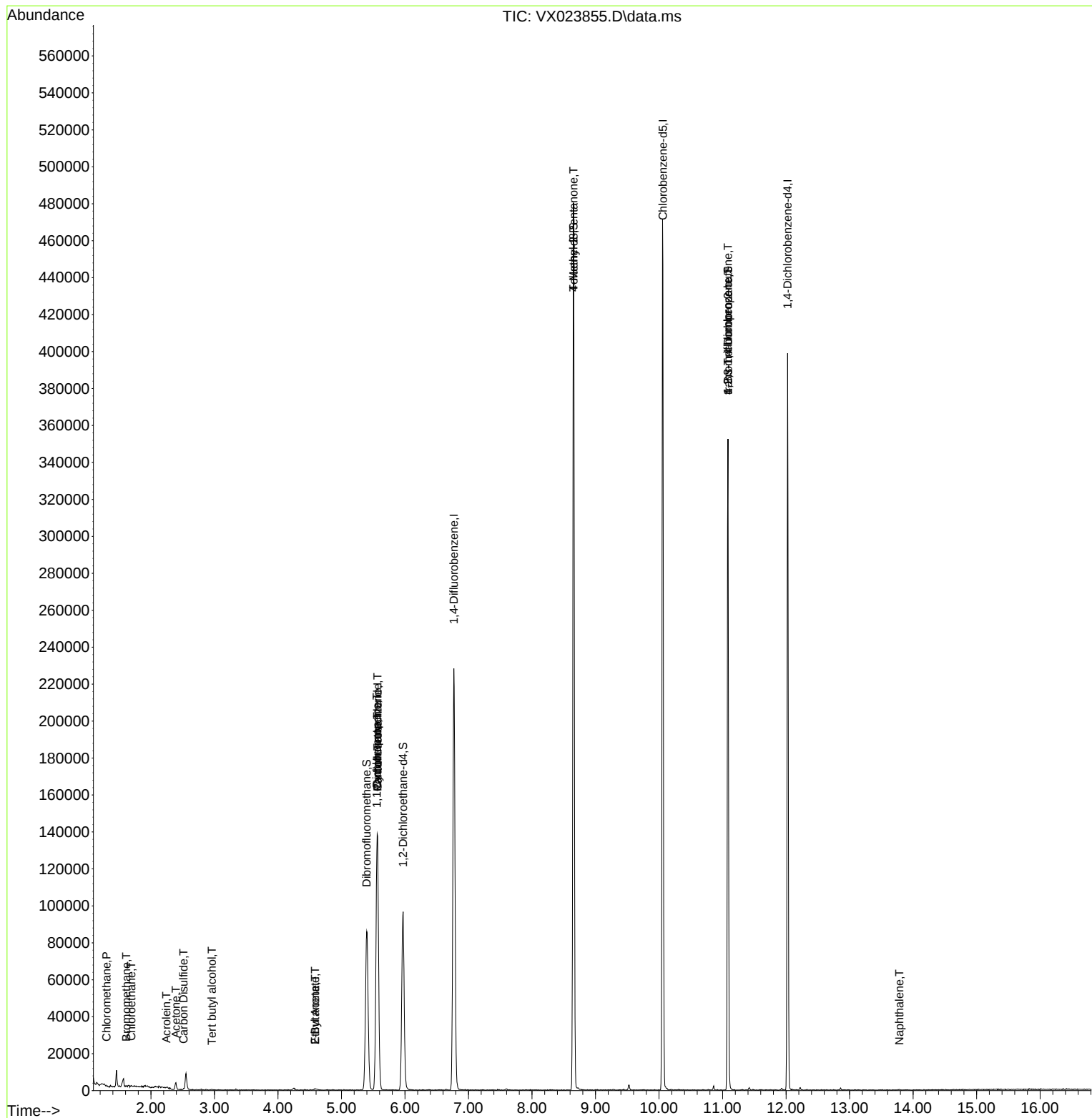
Internal Standards						
1) Pentafluorobenzene	5.568	168	130404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	224267	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	206499	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	94370	51.851	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.700%			
35) Dibromofluoromethane	5.397	113	73978	49.838	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.680%			
50) Toluene-d8	8.653	98	273934	48.487	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.980%			
62) 4-Bromofluorobenzene	11.085	95	87449	42.048	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 84.100%			
Target Compounds						Qvalue
3) Chloromethane	1.301	50	404	0.267	ug/l #	85
5) Bromomethane	1.611	94	477	0.515	ug/l #	48
6) Chloroethane	1.691	64	142	2.328	ug/l #	43
11) Tert butyl alcohol	2.959	59	121	0.329	ug/l #	73
13) Acrolein	2.239	56	73	0.333	ug/l	96
16) Acetone	2.392	43	3921	4.818	ug/l	98
17) Carbon Disulfide	2.514	76	927	0.311	ug/l #	75
25) 2-Butanone	4.587	43	986	0.800	ug/l #	87
31) Cyclohexane	5.562	56	3003	1.284	ug/l #	34
36) 1,1-Dichloropropene	5.556	75	10112	4.869	ug/l #	49
37) Ethyl Acetate	4.587	43	986	0.386	ug/l #	64
38) Carbon Tetrachloride	5.568	117	13284	6.134	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1327	0.514	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	48121	26.572	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	48121	78.163	ug/l #	12
95) Naphthalene	13.786	128	256	1.326	ug/l #	69

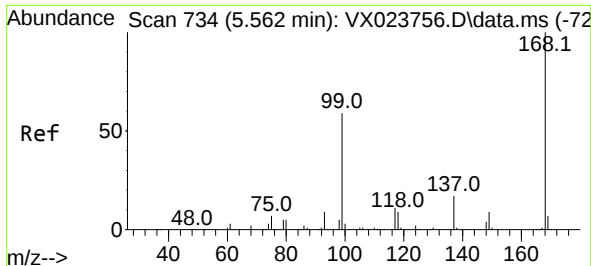
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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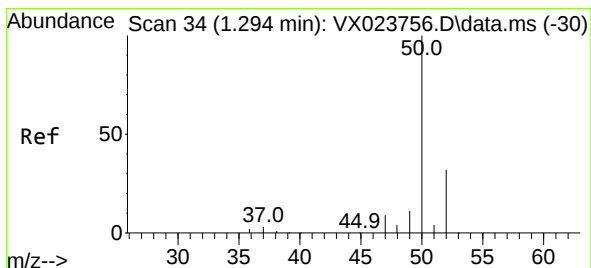
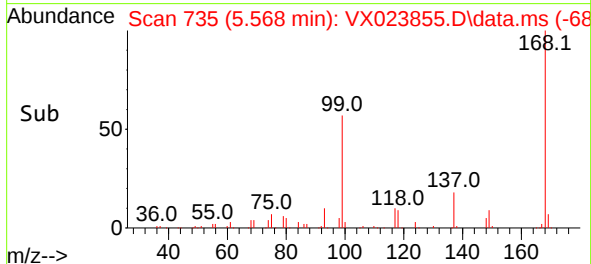
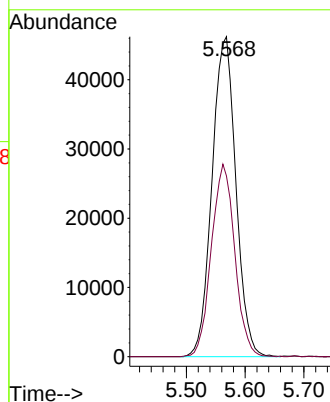
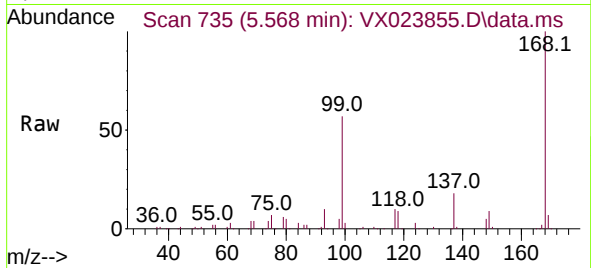




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX023855.D
Acq: 19 Aug 2021 22:07

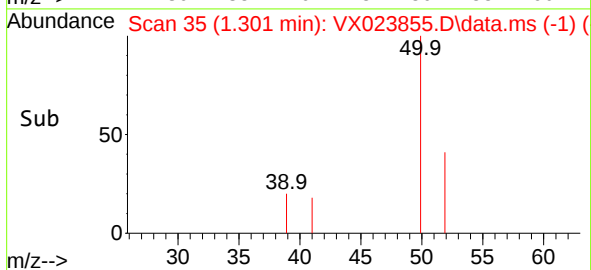
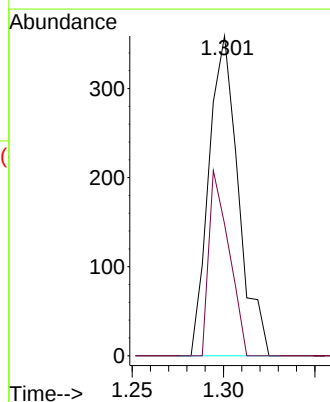
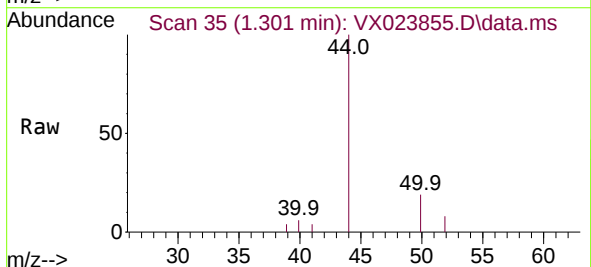
Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-GW-340-342

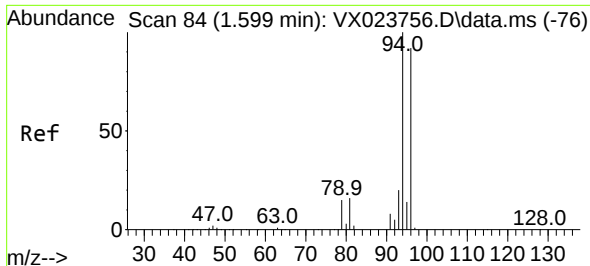
Tgt Ion:168 Resp: 130404
Ion Ratio Lower Upper
168 100
99 56.5 45.8 68.6



#3
Chloromethane
Concen: 0.267 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX023855.D
Acq: 19 Aug 2021 22:07

Tgt Ion: 50 Resp: 404
Ion Ratio Lower Upper
50 100
52 41.2 26.4 39.6#

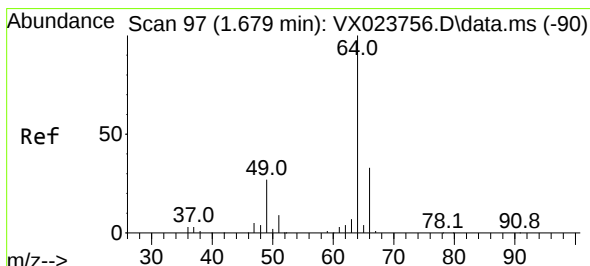
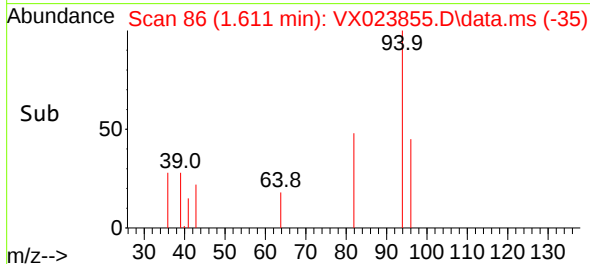
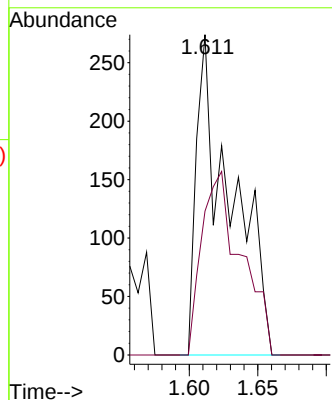
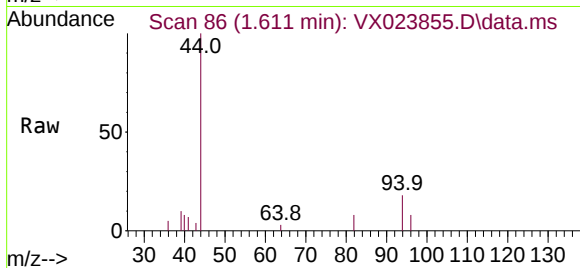




#5
Bromomethane
Concen: 0.515 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX023855.D
Acq: 19 Aug 2021 22:07

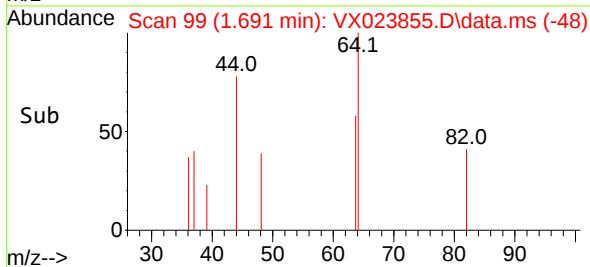
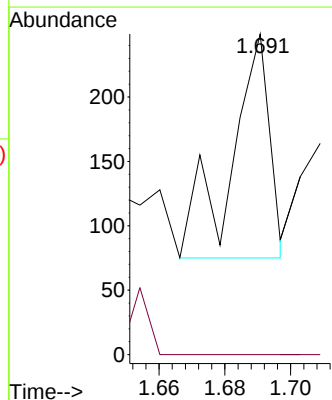
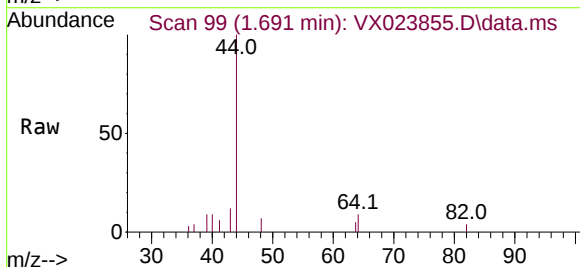
Instrument :
MSVOA_X
ClientSampleId :
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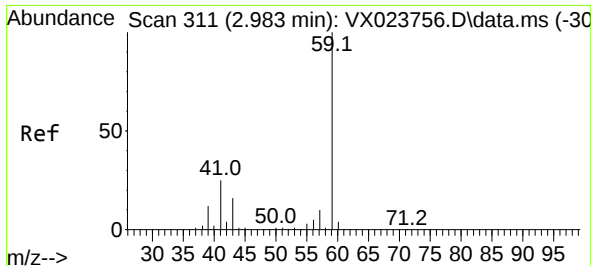
Tgt Ion: 94 Resp: 477
Ion Ratio Lower Upper
94 100
96 44.9 76.4 114.6#



#6
Chloroethane
Concen: 2.328 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX023855.D
Acq: 19 Aug 2021 22:07

Tgt Ion: 64 Resp: 142
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



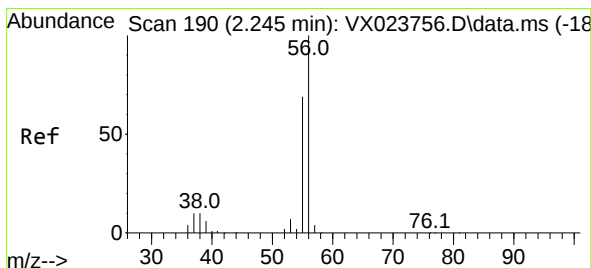
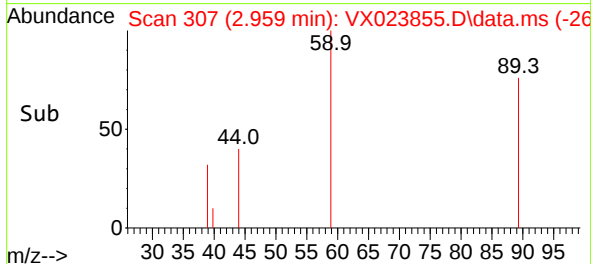
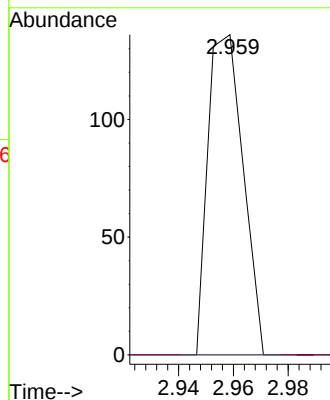
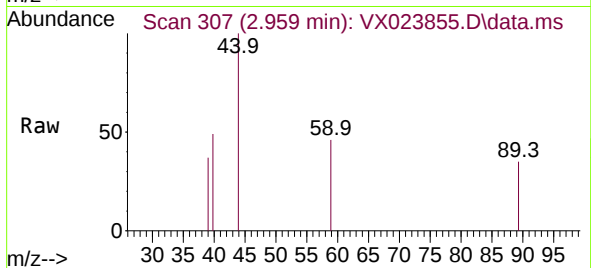


#11

Tert butyl alcohol
Concen: 0.329 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX023855.D
Acq: 19 Aug 2021 22:07

Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-GW-340-342

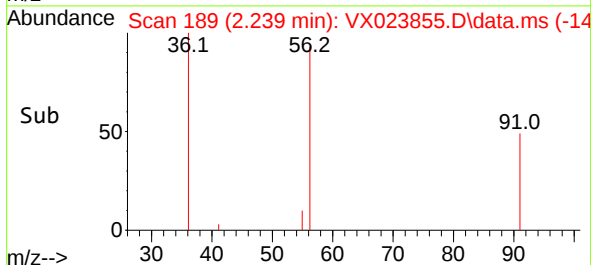
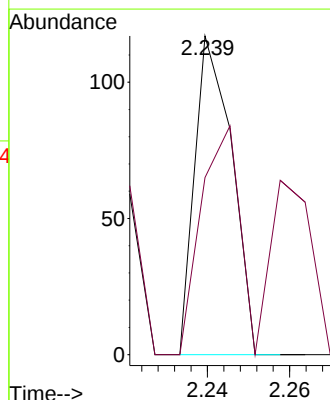
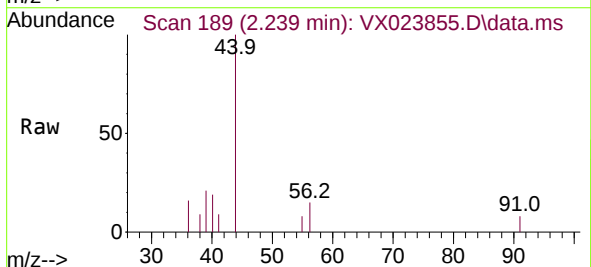
Tgt Ion: 59 Resp: 121
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

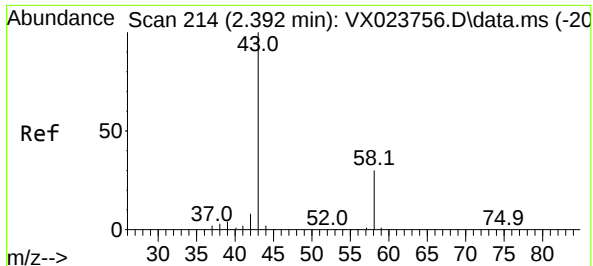


#13

Acrolein
Concen: 0.333 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX023855.D
Acq: 19 Aug 2021 22:07

Tgt Ion: 56 Resp: 73
Ion Ratio Lower Upper
56 100
55 74.0 56.4 84.6

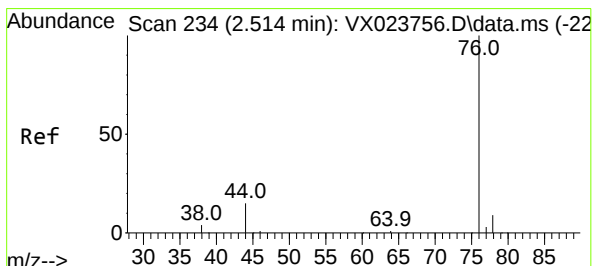
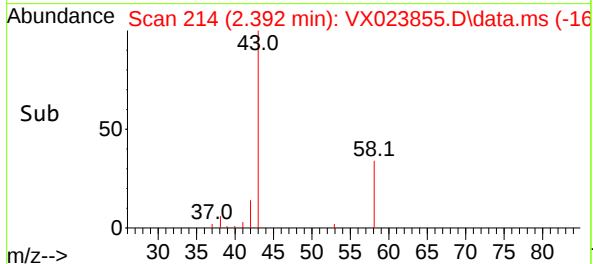
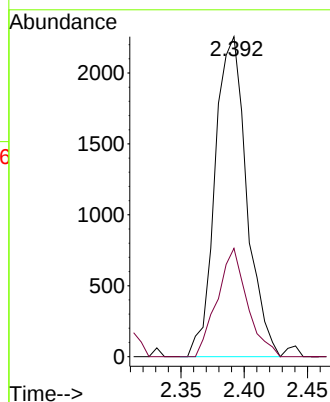
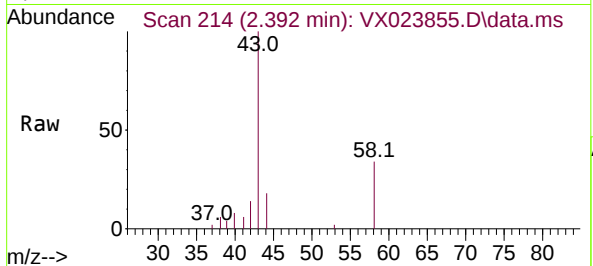




#16
Acetone
Concen: 4.818 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023855.D
Acq: 19 Aug 2021 22:07

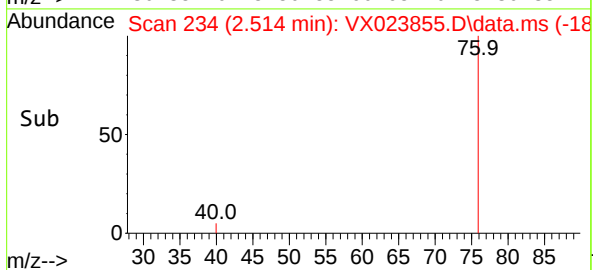
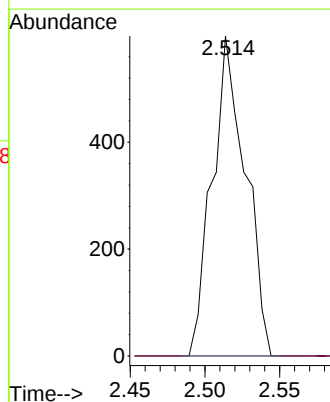
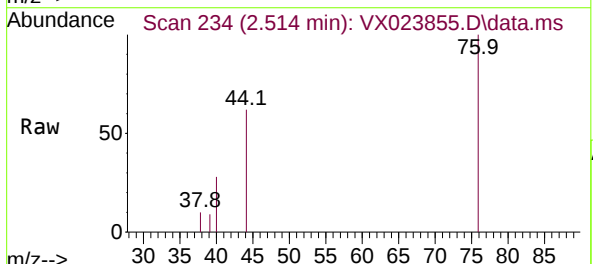
Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-GW-340-342

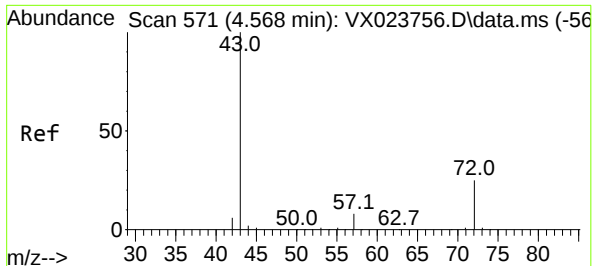
Tgt Ion: 43 Resp: 3921
Ion Ratio Lower Upper
43 100
58 33.9 27.8 41.8



#17
Carbon Disulfide
Concen: 0.311 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023855.D
Acq: 19 Aug 2021 22:07

Tgt Ion: 76 Resp: 927
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

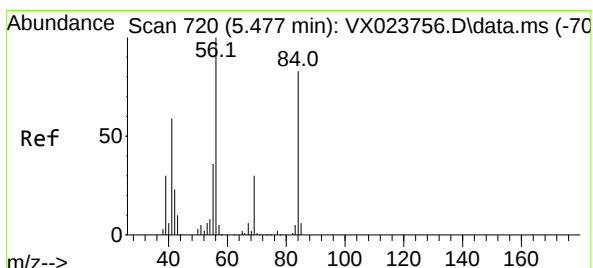
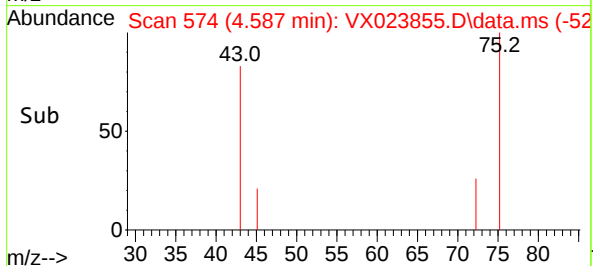
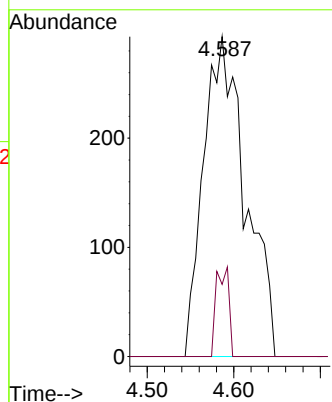
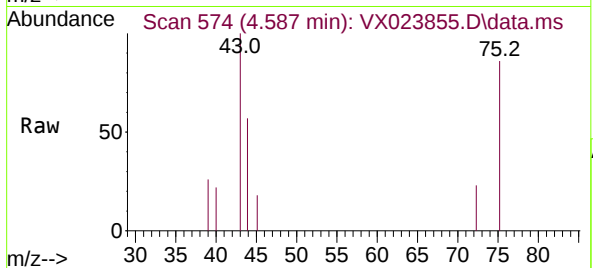




#25
2-Butanone
Concen: 0.800 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.019 min
Lab File: VX023855.D
Acq: 19 Aug 2021 22:07

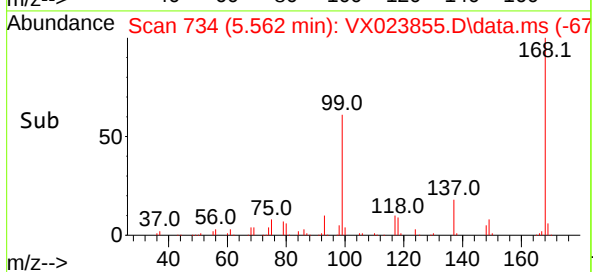
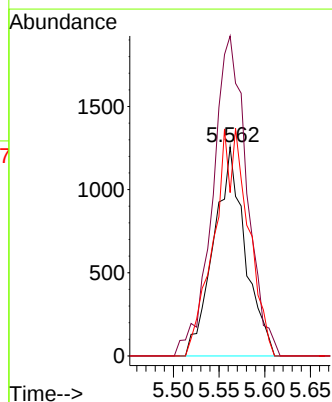
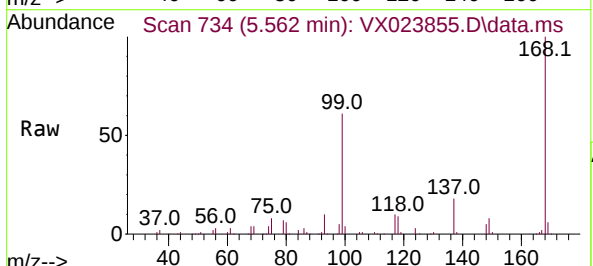
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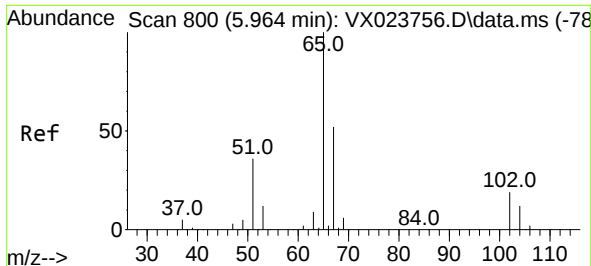
Tgt Ion: 43 Resp: 986
Ion Ratio Lower Upper
43 100
72 22.5 23.7 35.5#



#31
Cyclohexane
Concen: 1.284 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023855.D
Acq: 19 Aug 2021 22:07

Tgt Ion: 56 Resp: 3003
Ion Ratio Lower Upper
56 100
69 153.1 25.3 37.9#
84 78.1 71.4 107.0





#33

1,2-Dichloroethane-d4

Concen: 51.851 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.006 min

Lab File: VX023855.D

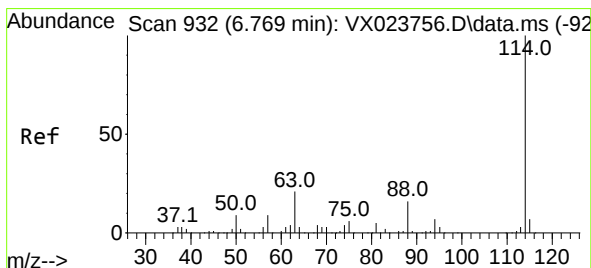
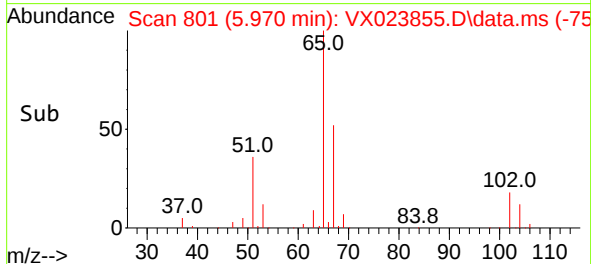
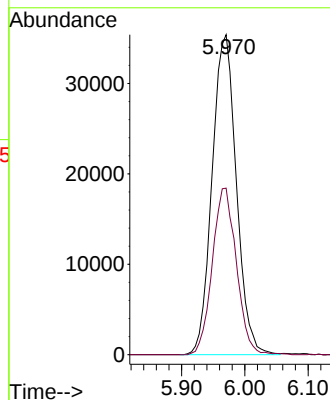
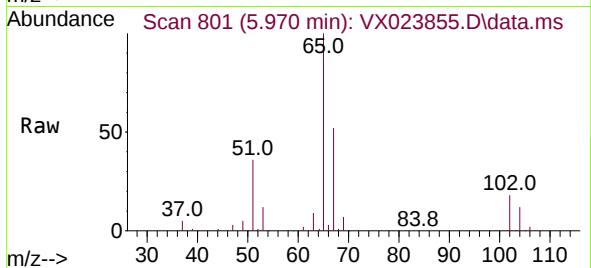
Acq: 19 Aug 2021 22:07

Tgt Ion: 65 Resp: 94370

Ion Ratio Lower Upper

65 100

67 51.7 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: VX023855.D

Acq: 19 Aug 2021 22:07

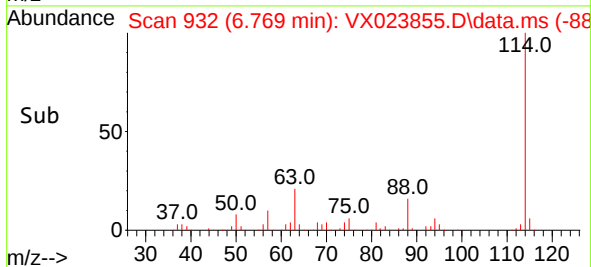
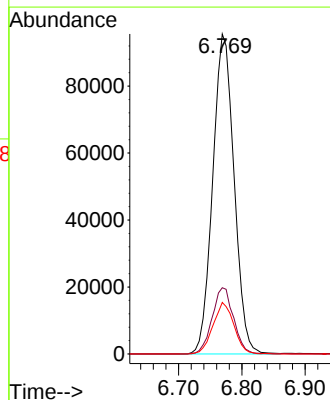
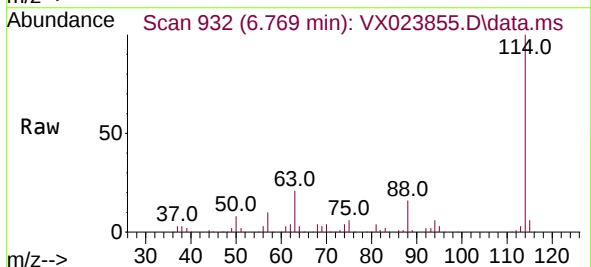
Tgt Ion: 114 Resp: 224267

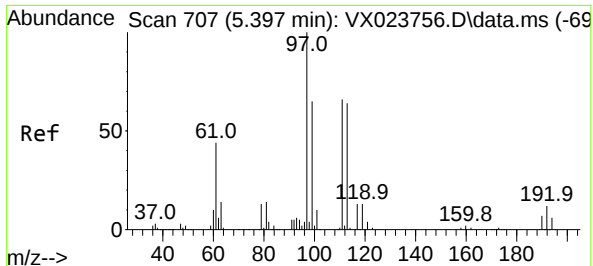
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.8

88 16.1 0.0 32.8

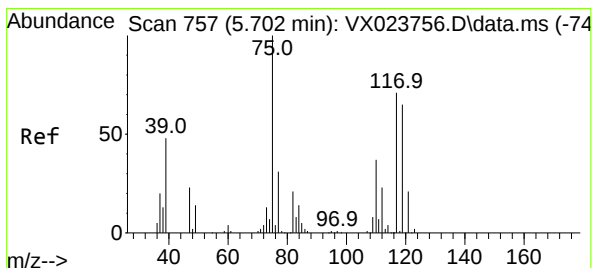
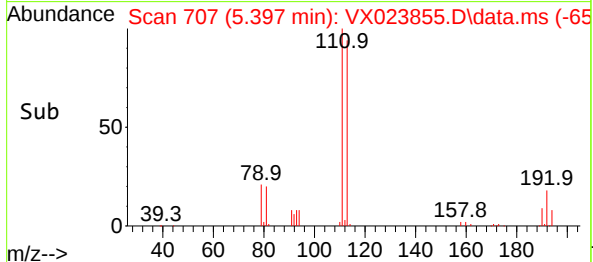
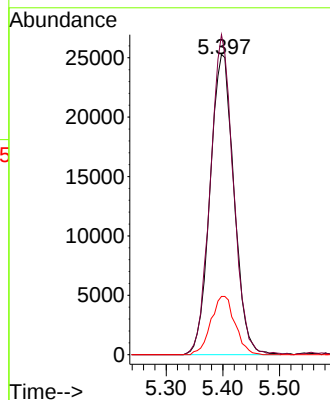
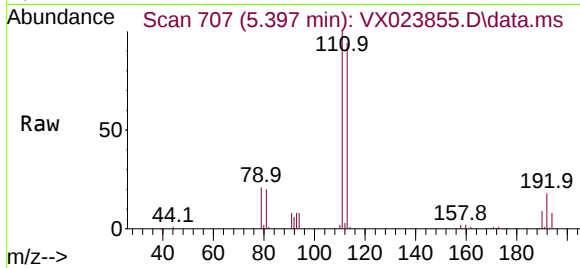




#35
Dibromofluoromethane
Concen: 49.838 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023855.D
Acq: 19 Aug 2021 22:07

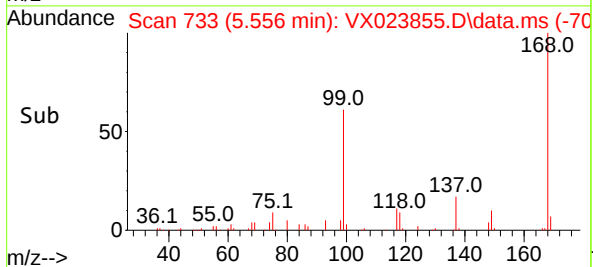
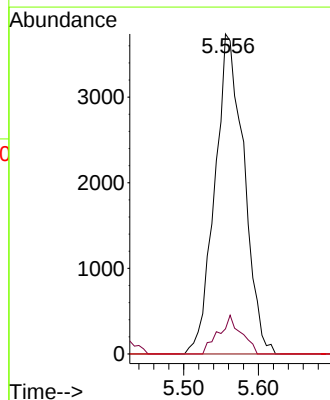
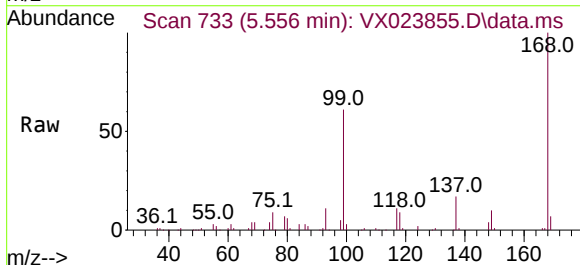
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ClientSampleId :
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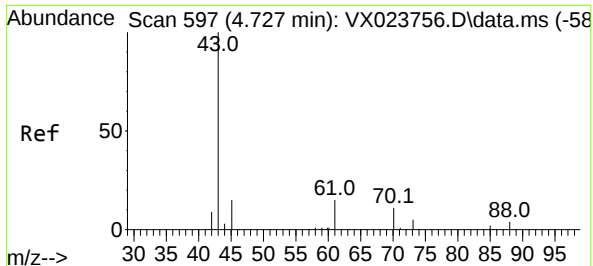
Tgt Ion:113 Resp: 73978
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 19.6 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.869 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX023855.D
Acq: 19 Aug 2021 22:07

Tgt Ion: 75 Resp: 10112
Ion Ratio Lower Upper
75 100
110 9.4 18.1 54.4#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 0.386 ug/l

RT: 4.587 min Scan# 574

Delta R.T. -0.140 min

Lab File: VX023855.D

Acq: 19 Aug 2021 22:07

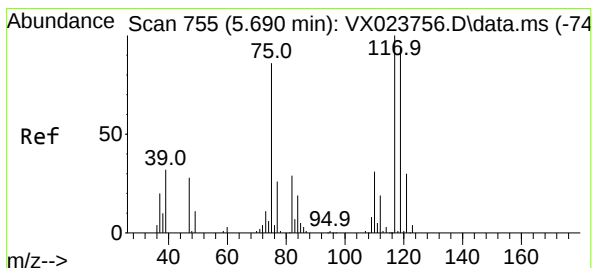
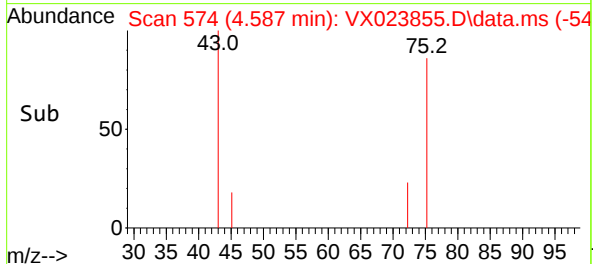
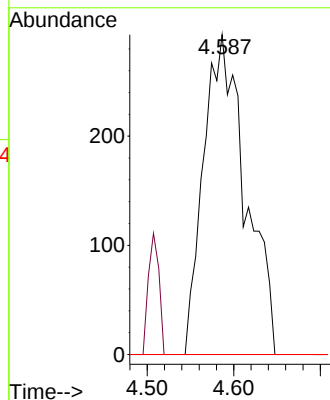
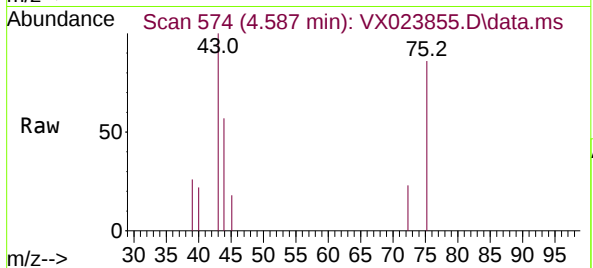
Tgt Ion: 43	Resp: 986
Ion Ratio	Lower Upper
43 100	
61 0.0	12.8 19.2#
70 0.0	10.5 15.7#

Instrument :

MSVOA_X

ClientSampleId :

BB-TT-VPB-RW7-GW-340-342



#38

Carbon Tetrachloride

Concen: 6.134 ug/l

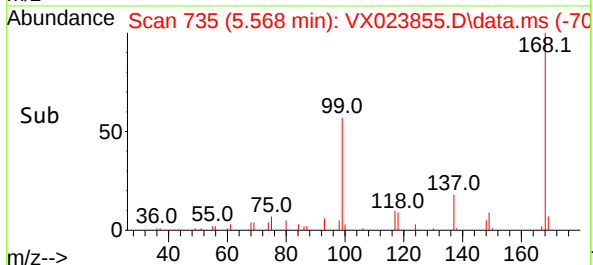
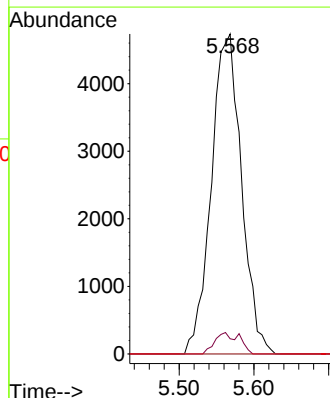
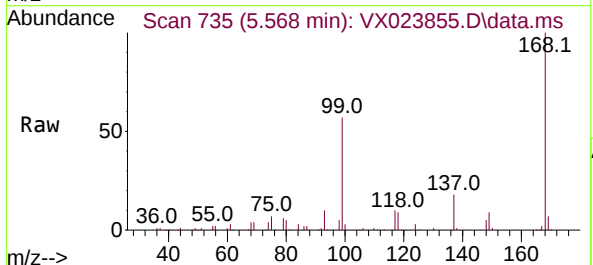
RT: 5.568 min Scan# 735

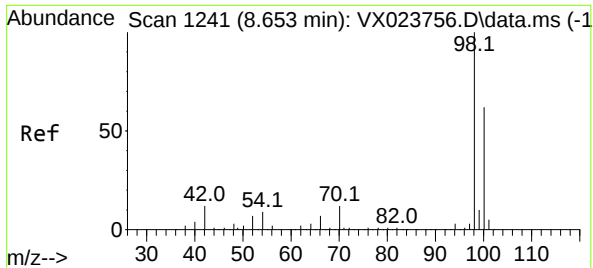
Delta R.T. -0.122 min

Lab File: VX023855.D

Acq: 19 Aug 2021 22:07

Tgt Ion: 117	Resp: 13284
Ion Ratio	Lower Upper
117 100	
119 4.8	76.2 114.2#
121 0.0	24.8 37.2#

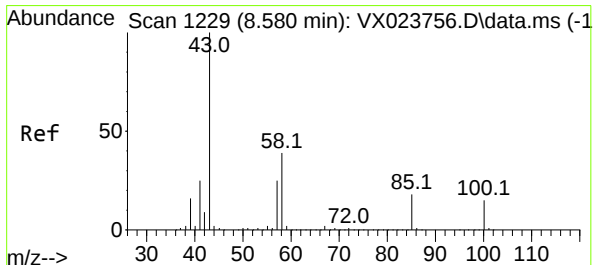
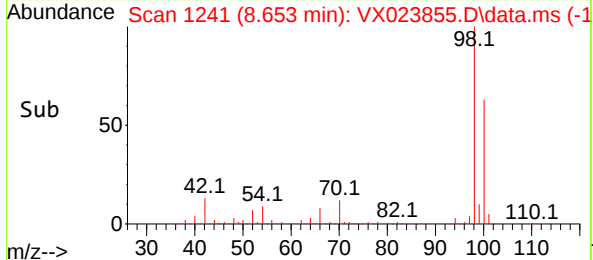
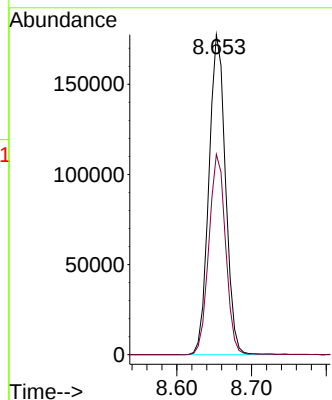
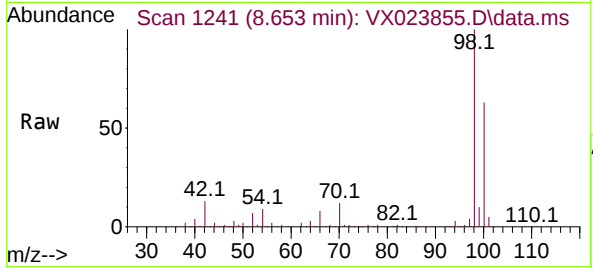




#50
Toluene-d8
Concen: 48.487 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023855.D
Acq: 19 Aug 2021 22:07

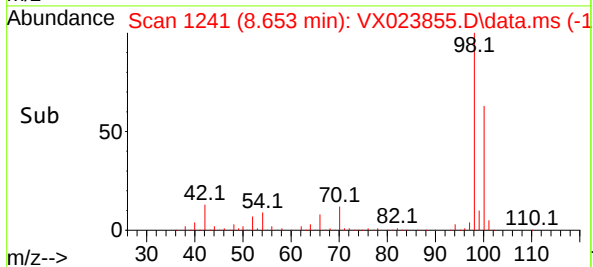
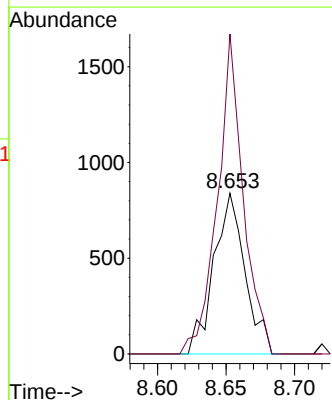
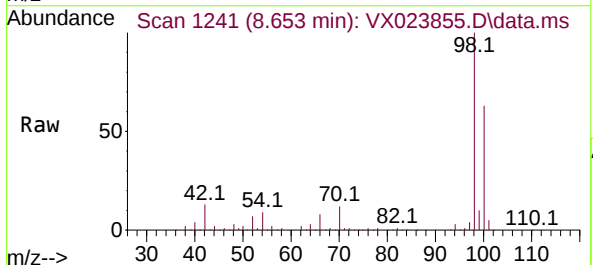
Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-GW-340-342

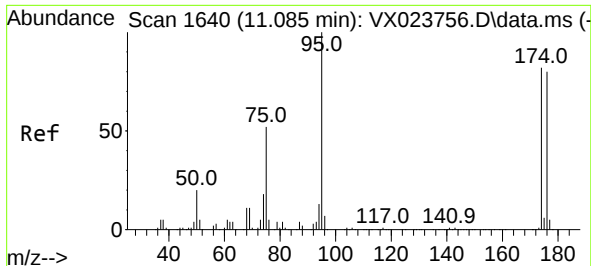
Tgt Ion: 98 Resp: 273934
Ion Ratio Lower Upper
98 100
100 63.0 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.514 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023855.D
Acq: 19 Aug 2021 22:07

Tgt Ion: 43 Resp: 1327
Ion Ratio Lower Upper
43 100
58 164.7 35.4 53.0#

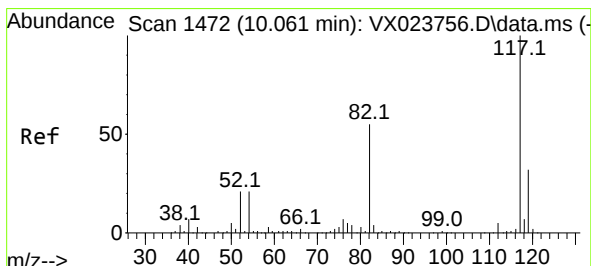
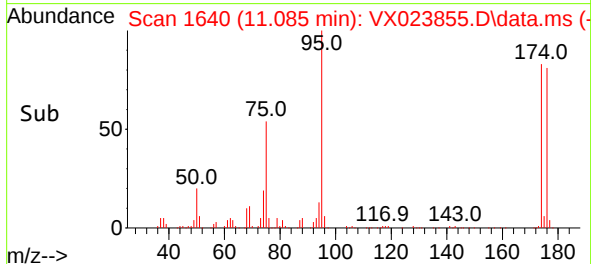
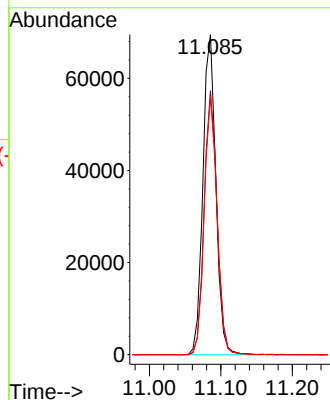
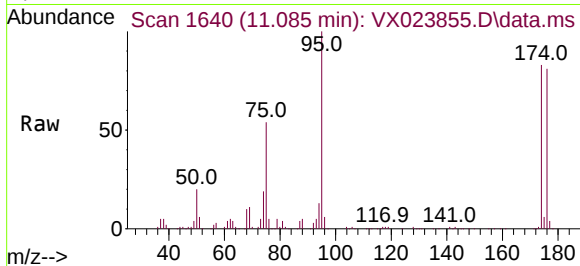




#62
4-Bromofluorobenzene
Concen: 42.048 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023855.D
Acq: 19 Aug 2021 22:07

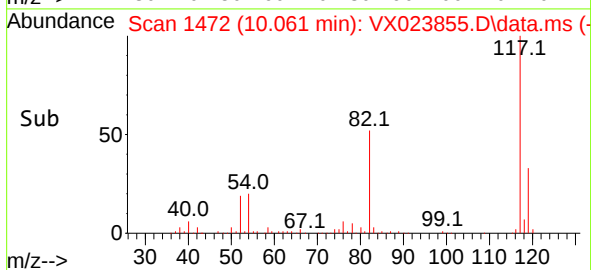
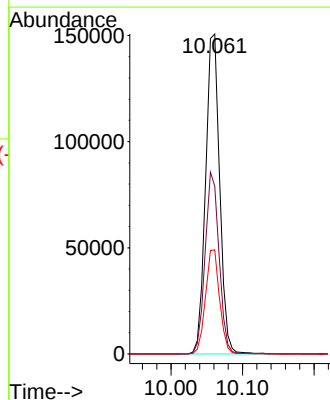
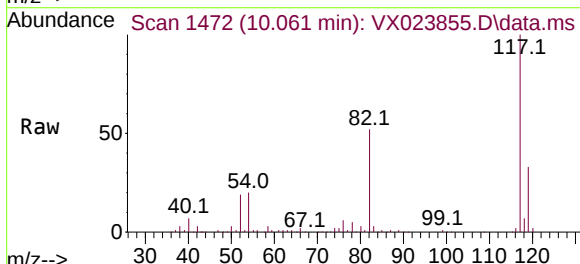
Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-GW-340-342

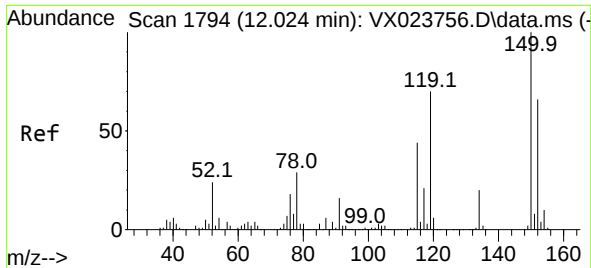
Tgt Ion: 95 Resp: 87449
Ion Ratio Lower Upper
95 100
174 82.5 0.0 154.6
176 79.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX023855.D
Acq: 19 Aug 2021 22:07

Tgt Ion: 117 Resp: 206499
Ion Ratio Lower Upper
117 100
82 52.4 47.4 71.2
119 32.6 26.6 39.8

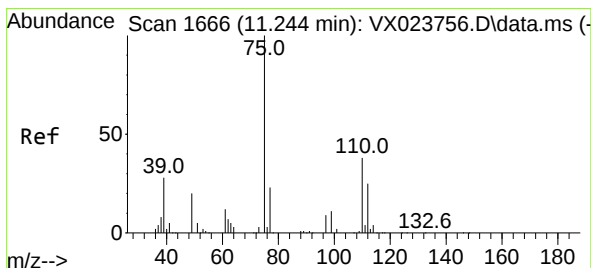
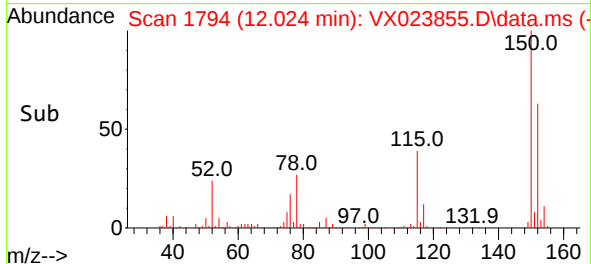
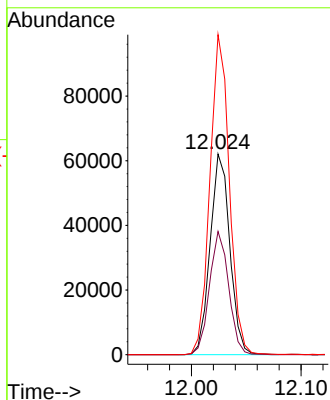
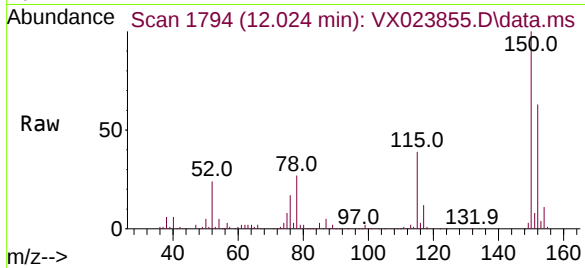




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023855.D
 Acq: 19 Aug 2021 22:07

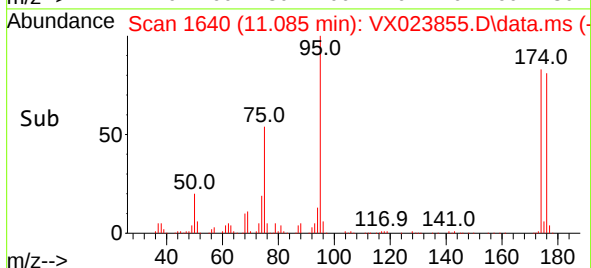
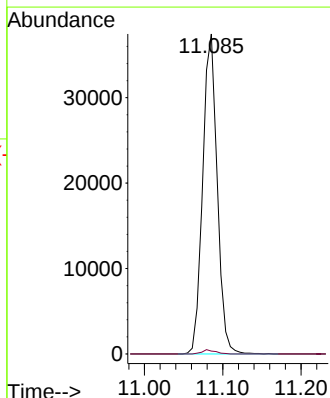
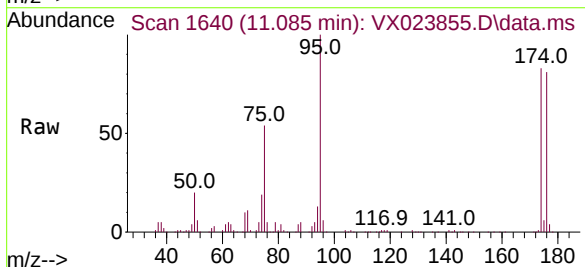
Instrument :
 MSVOA_X
 ClientSampleId :
 BB-TT-VPB-RW7-GW-340-342

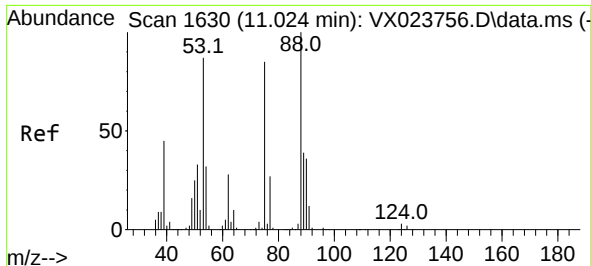
Tgt Ion:152 Resp: 77632
 Ion Ratio Lower Upper
 152 100
 115 59.9 41.1 123.3
 150 156.8 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.572 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023855.D
 Acq: 19 Aug 2021 22:07

Tgt Ion: 75 Resp: 48121
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#

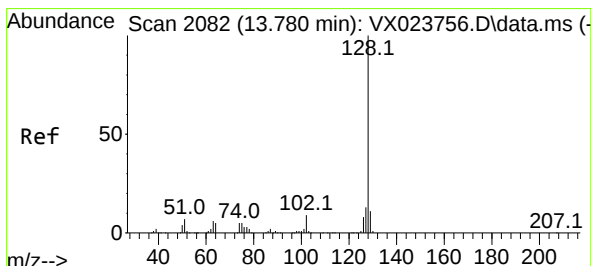
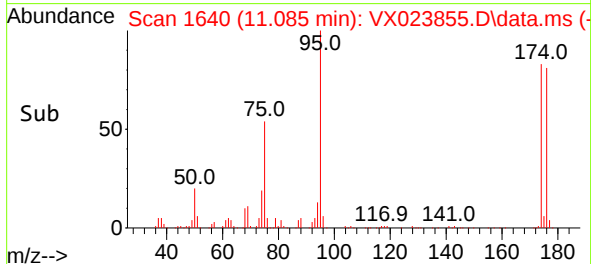
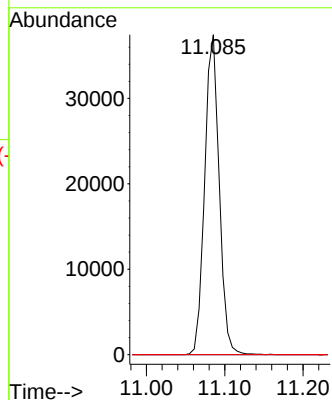
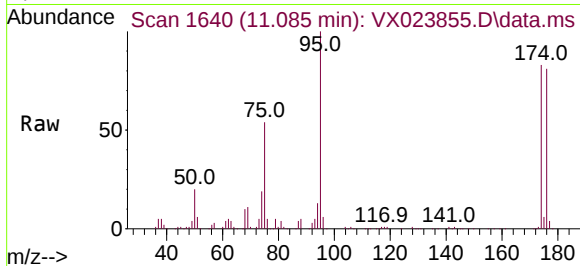




#81
trans-1,4-Dichloro-2-butene
Concen: 78.163 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023855.D
Acq: 19 Aug 2021 22:07

Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-GW-340-342

Tgt Ion: 75 Resp: 48121
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.326 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX023855.D
Acq: 19 Aug 2021 22:07

Tgt Ion: 128 Resp: 256
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

