

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082021\
 Data File : VX023856.D
 Acq On : 19 Aug 2021 22:30
 Operator : JC/MD
 Sample : M3483-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BB-TT-VPB-RW7-GW-370-372

Quant Time: Aug 20 03:16:48 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)

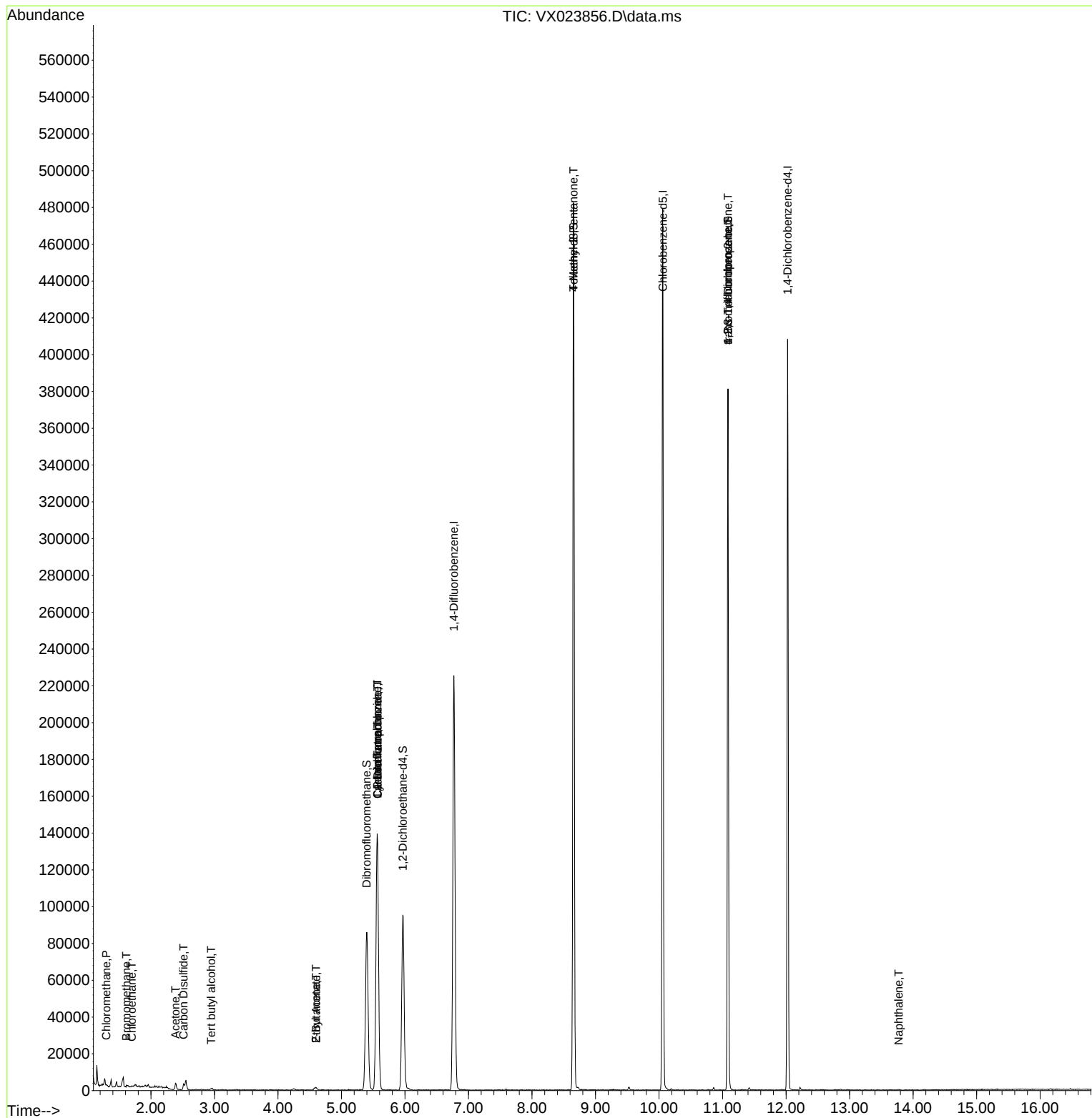
Internal Standards						
1) Pentafluorobenzene	5.562	168	129960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	225662	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	212838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82716	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	94414	52.052	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.100%			
35) Dibromofluoromethane	5.397	113	74387	49.804	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.600%			
50) Toluene-d8	8.653	98	275802	48.516	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.040%			
62) 4-Bromofluorobenzene	11.085	95	91128	43.546	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 87.100%			
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	511	0.339	ug/l	100
5) Bromomethane	1.611	94	458	0.496	ug/l #	40
6) Chloroethane	1.697	64	463	2.578	ug/l #	43
11) Tert butyl alcohol	2.947	59	267	0.728	ug/l #	73
16) Acetone	2.386	43	3931	4.847	ug/l #	88
17) Carbon Disulfide	2.514	76	3773	1.268	ug/l #	84
25) 2-Butanone	4.599	43	991	0.807	ug/l #	45
31) Cyclohexane	5.568	56	3208	1.377	ug/l #	49
36) 1,1-Dichloropropene	5.568	75	10323	4.940	ug/l #	50
37) Ethyl Acetate	4.599	43	991	0.386	ug/l #	68
38) Carbon Tetrachloride	5.568	117	13284	6.096	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	1369	0.527	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	50260	26.048	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	50260	76.620	ug/l #	12
95) Naphthalene	13.774	128	198	1.314	ug/l #	69

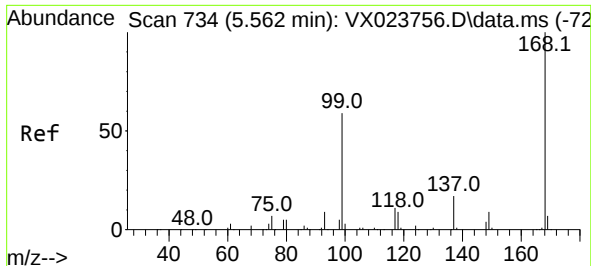
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BB-TT-VPB-RW7-GW-370-372

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Response via : Initial Calibration

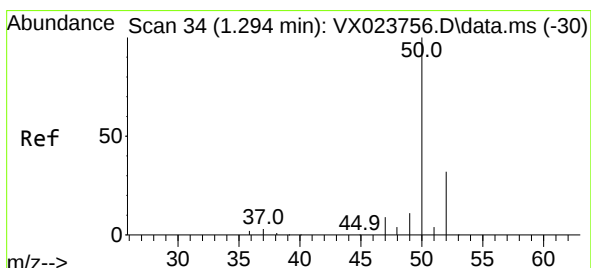
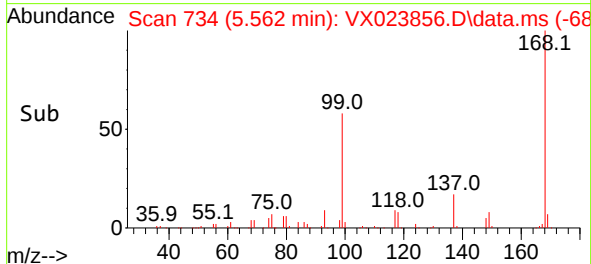
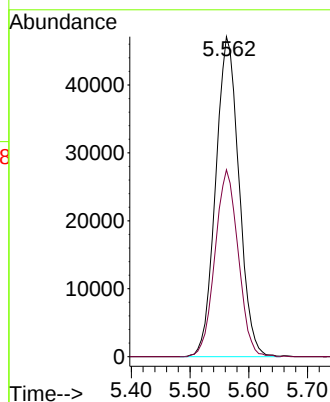
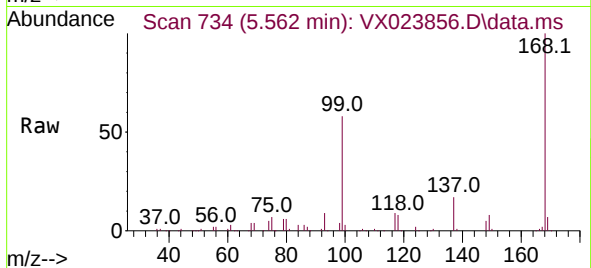




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023856.D
Acq: 19 Aug 2021 22:30

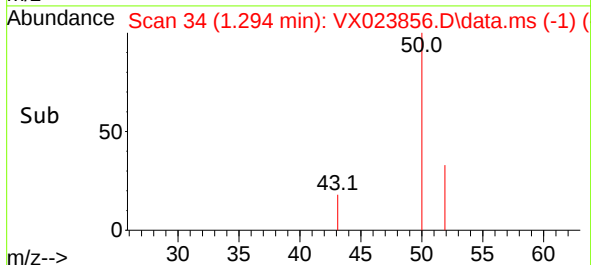
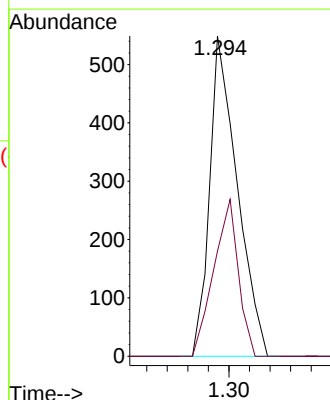
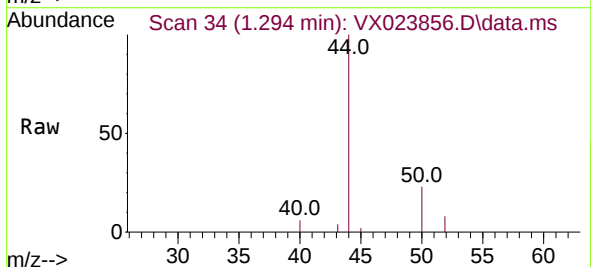
Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-GW-370-372

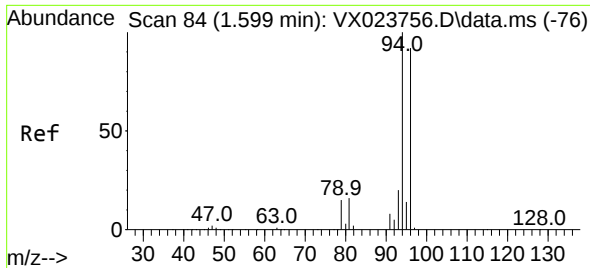
Tgt Ion:168 Resp: 129960
Ion Ratio Lower Upper
168 100
99 58.4 45.8 68.6



#3
Chloromethane
Concen: 0.339 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023856.D
Acq: 19 Aug 2021 22:30

Tgt Ion: 50 Resp: 511
Ion Ratio Lower Upper
50 100
52 32.8 26.4 39.6

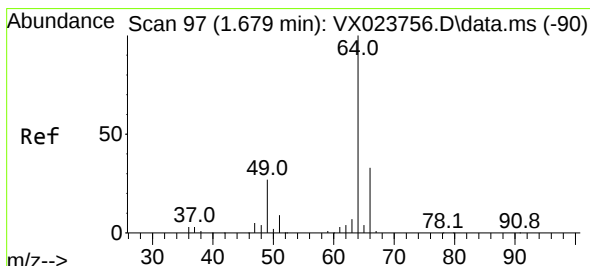
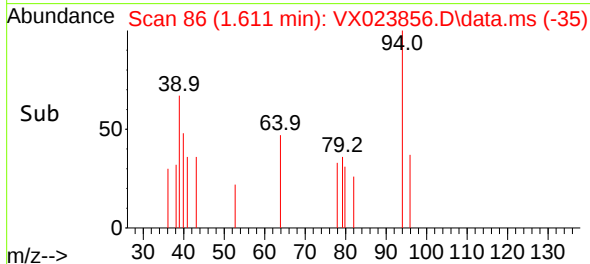
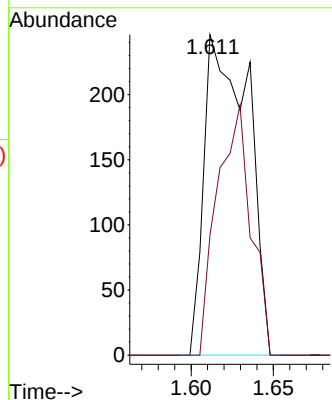
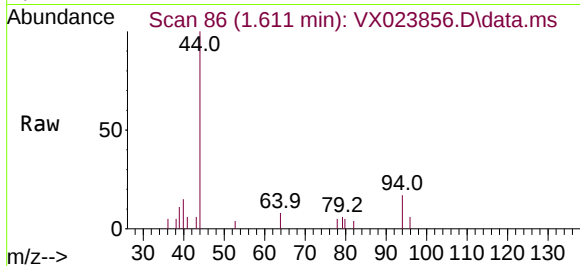




#5
Bromomethane
Concen: 0.496 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX023856.D
Acq: 19 Aug 2021 22:30

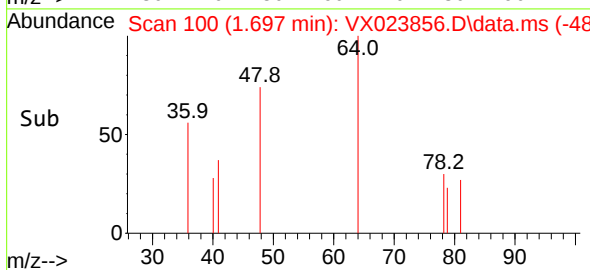
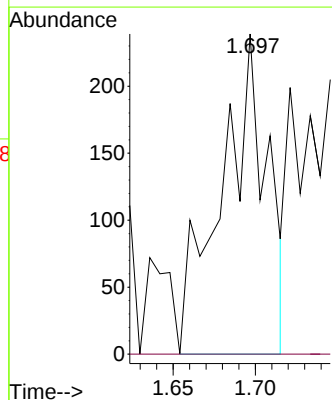
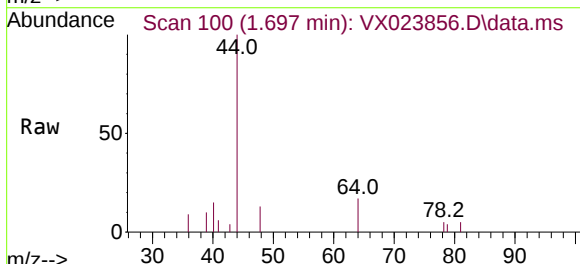
Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-GW-370-372

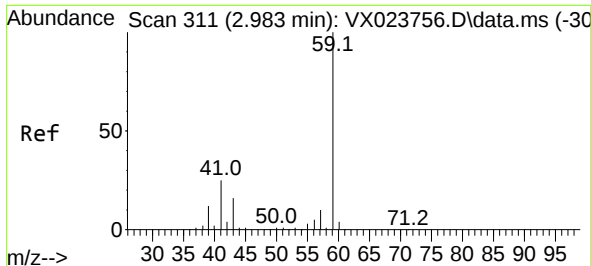
Tgt Ion: 94 Resp: 458
Ion Ratio Lower Upper
94 100
96 37.4 76.4 114.6#



#6
Chloroethane
Concen: 2.578 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.018 min
Lab File: VX023856.D
Acq: 19 Aug 2021 22:30

Tgt Ion: 64 Resp: 463
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



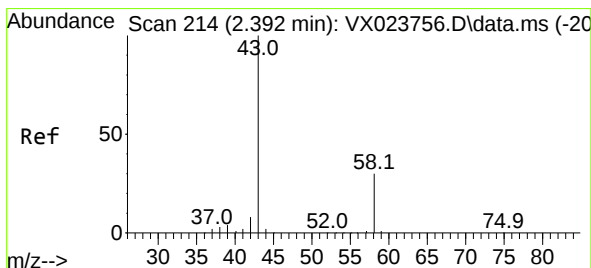
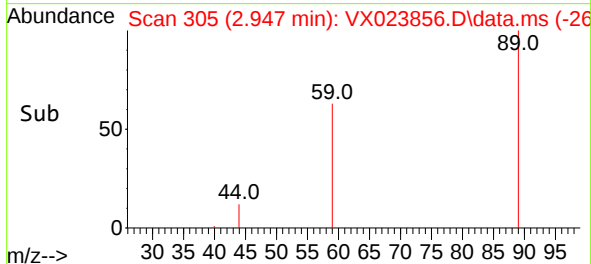
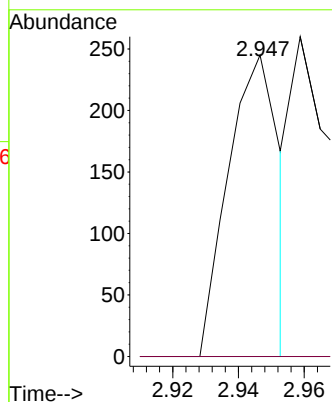
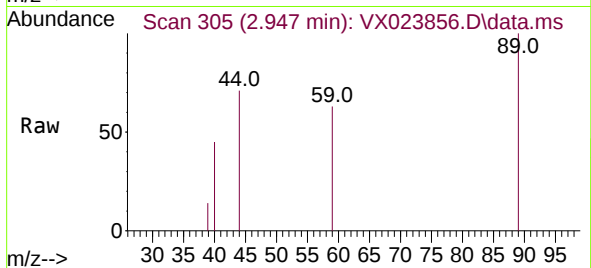


#11

Tert butyl alcohol
Concen: 0.728 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX023856.D
Acq: 19 Aug 2021 22:30

Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-GW-370-372

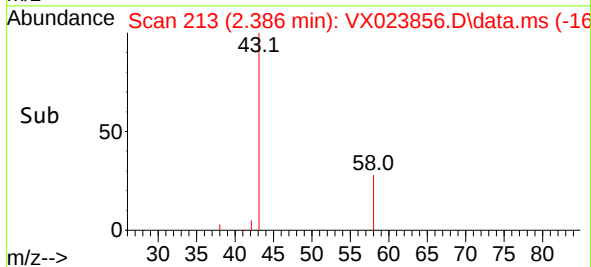
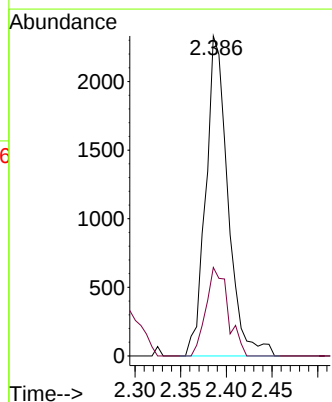
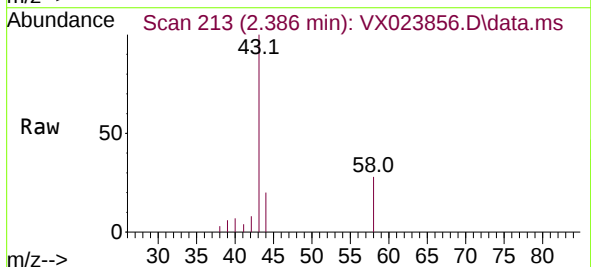
Tgt Ion: 59 Resp: 267
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

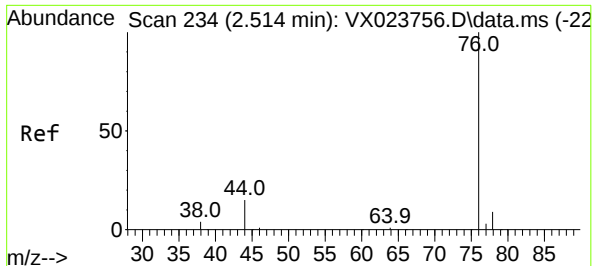


#16

Acetone
Concen: 4.847 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023856.D
Acq: 19 Aug 2021 22:30

Tgt Ion: 43 Resp: 3931
Ion Ratio Lower Upper
43 100
58 27.7 27.8 41.8#

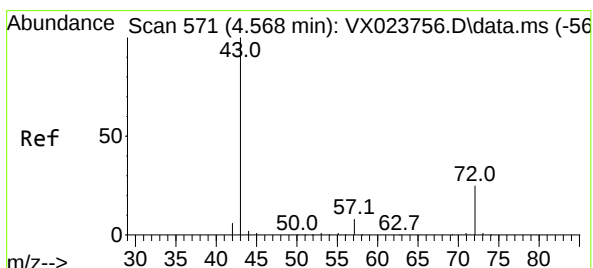
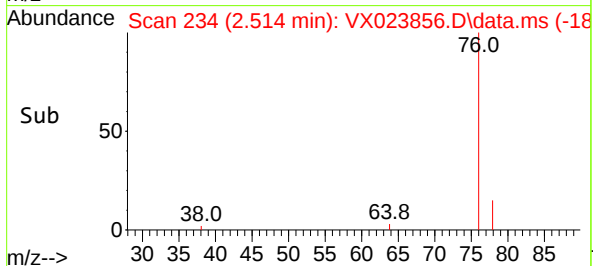
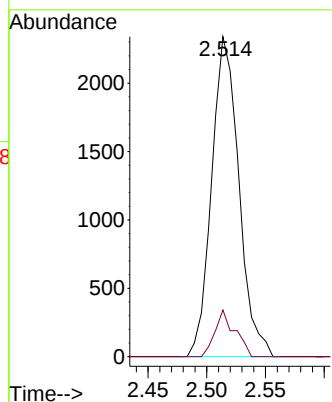
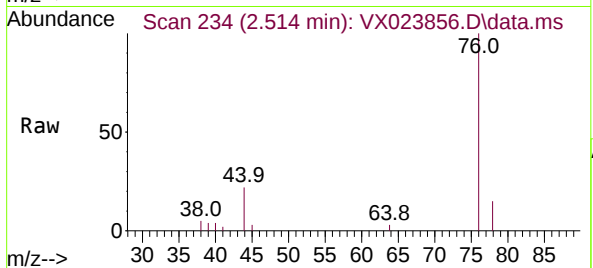




#17
Carbon Disulfide
Concen: 1.268 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023856.D
Acq: 19 Aug 2021 22:30

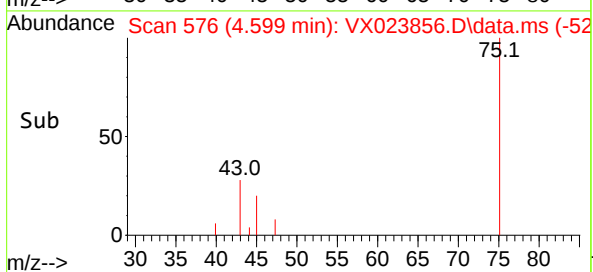
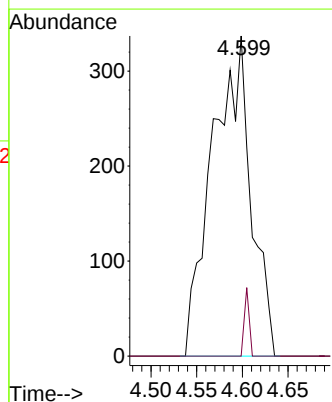
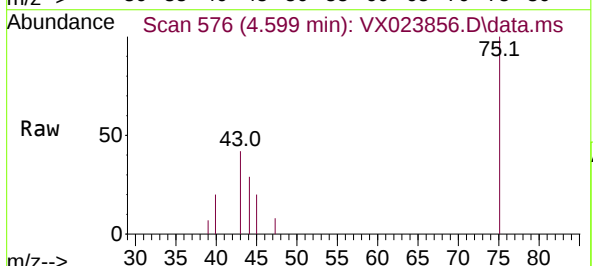
Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-GW-370-372

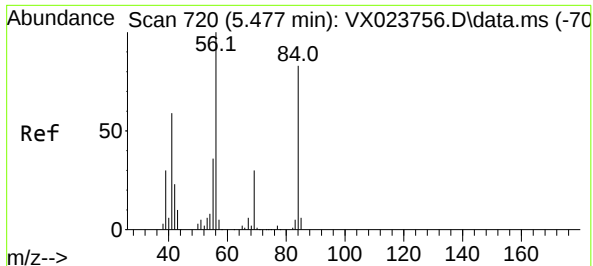
Tgt Ion: 76 Resp: 3773
Ion Ratio Lower Upper
76 100
78 14.6 7.2 10.8#



#25
2-Butanone
Concen: 0.807 ug/l
RT: 4.599 min Scan# 576
Delta R.T. 0.031 min
Lab File: VX023856.D
Acq: 19 Aug 2021 22:30

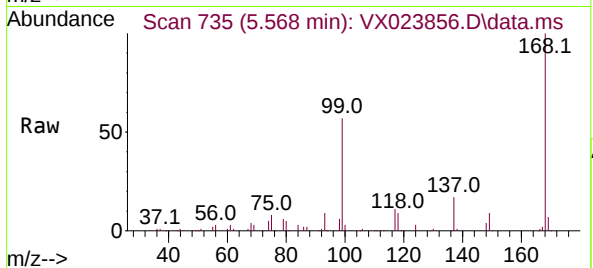
Tgt Ion: 43 Resp: 991
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



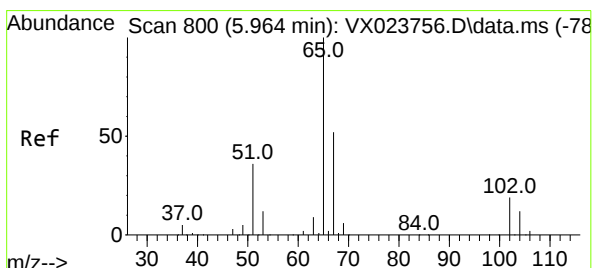
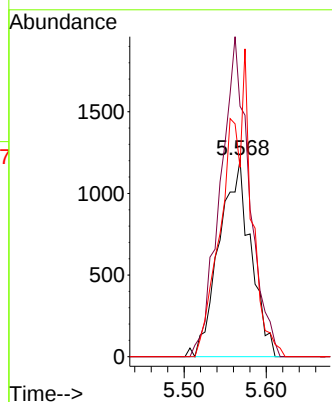
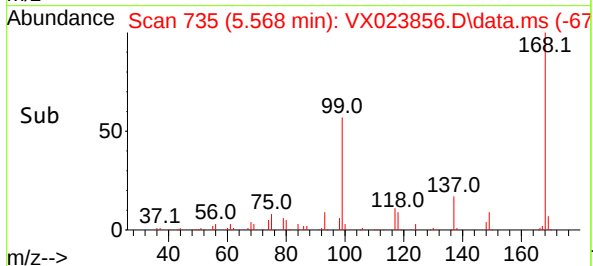


#31
Cyclohexane
Concen: 1.377 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX023856.D
Acq: 19 Aug 2021 22:30

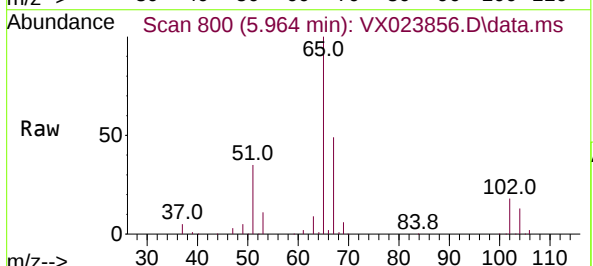
Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-GW-370-372



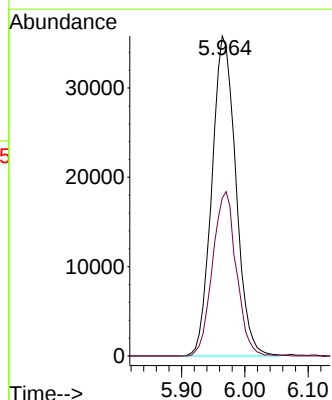
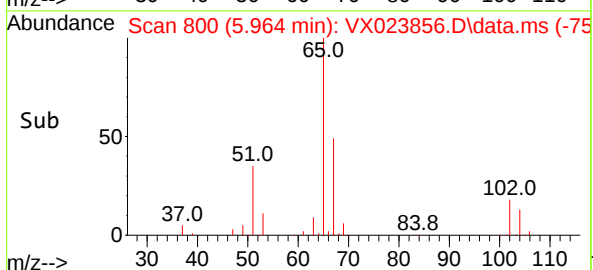
Tgt Ion: 56 Resp: 3208
Ion Ratio Lower Upper
56 100
69 127.2 25.3 37.9#
84 96.1 71.4 107.0

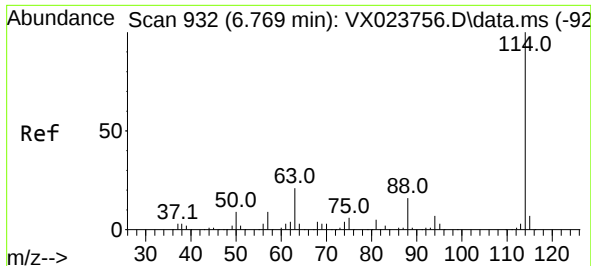


#33
1,2-Dichloroethane-d4
Concen: 52.052 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023856.D
Acq: 19 Aug 2021 22:30



Tgt Ion: 65 Resp: 94414
Ion Ratio Lower Upper
65 100
67 50.9 0.0 105.4

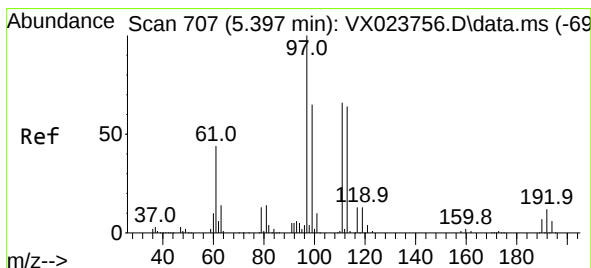
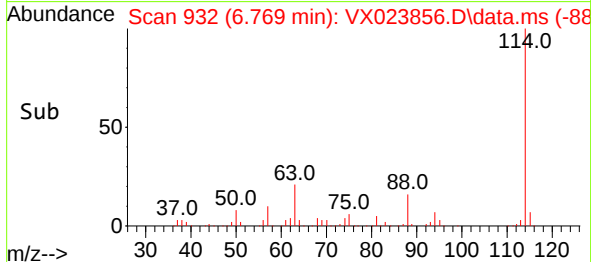
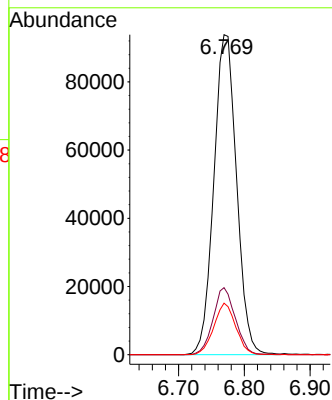
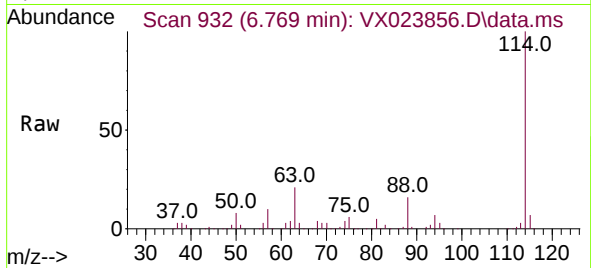




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023856.D
Acq: 19 Aug 2021 22:30

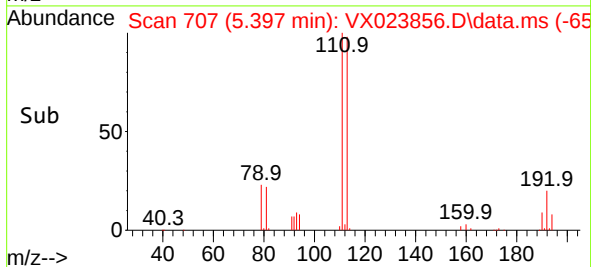
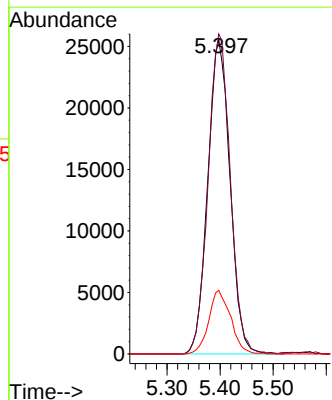
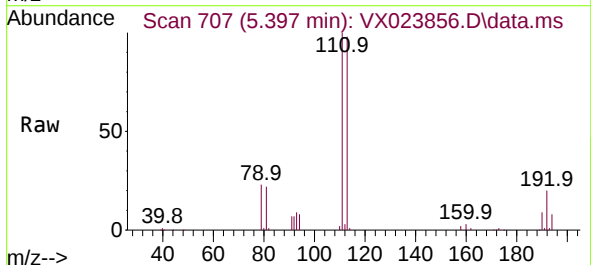
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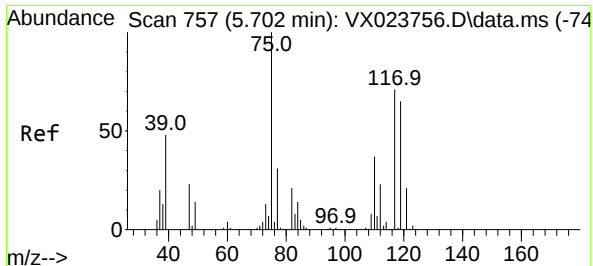
Tgt Ion:114 Resp: 225662
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.804 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023856.D
Acq: 19 Aug 2021 22:30

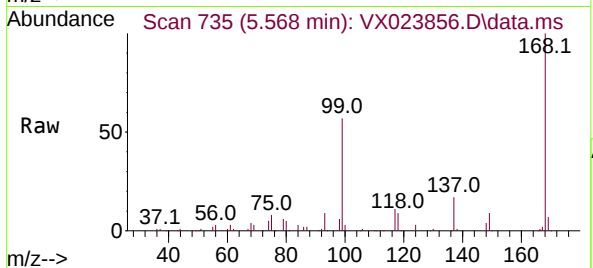
Tgt Ion:113 Resp: 74387
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 20.0 16.7 25.1



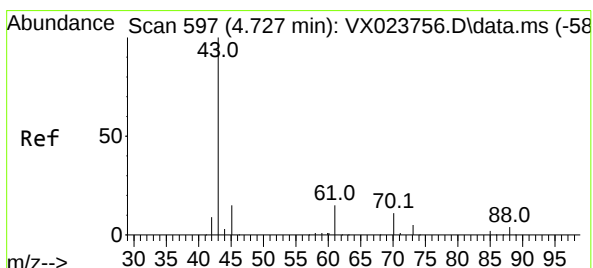
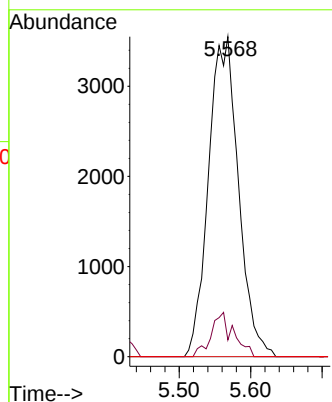
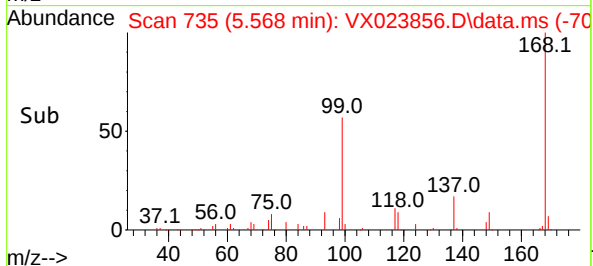


#36
1,1-Dichloropropene
Concen: 4.940 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.134 min
Lab File: VX023856.D
Acq: 19 Aug 2021 22:30

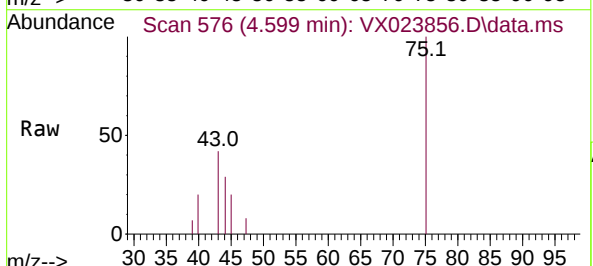
Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-GW-370-372



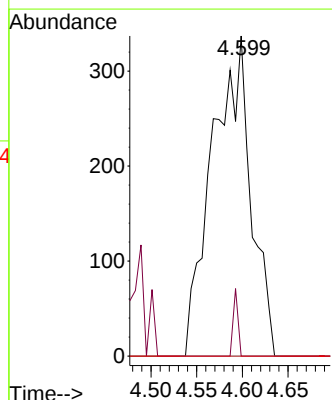
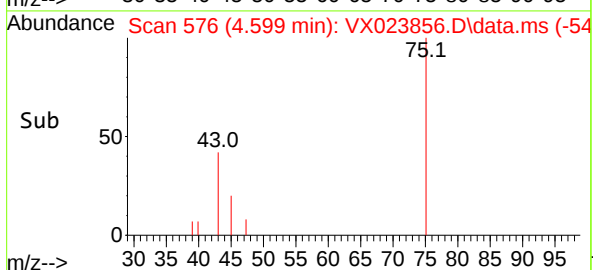
Tgt Ion: 75 Resp: 10323
Ion Ratio Lower Upper
75 100
110 10.3 18.1 54.4#
77 0.0 25.3 37.9#

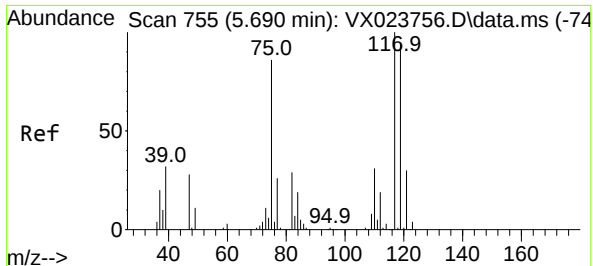


#37
Ethyl Acetate
Concen: 0.386 ug/l
RT: 4.599 min Scan# 576
Delta R.T. -0.128 min
Lab File: VX023856.D
Acq: 19 Aug 2021 22:30



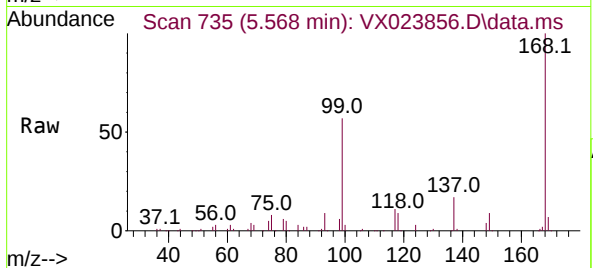
Tgt Ion: 43 Resp: 991
Ion Ratio Lower Upper
43 100
61 2.6 12.8 19.2#
70 0.0 10.5 15.7#



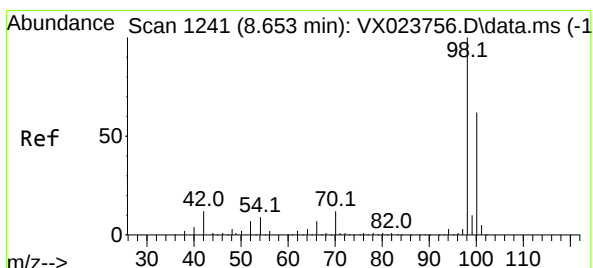
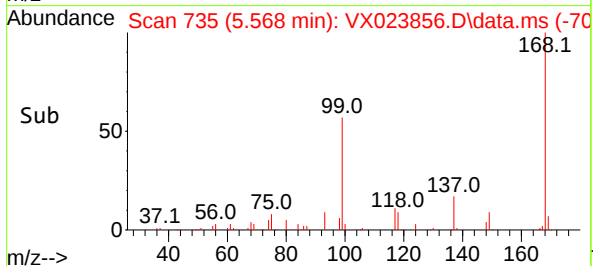
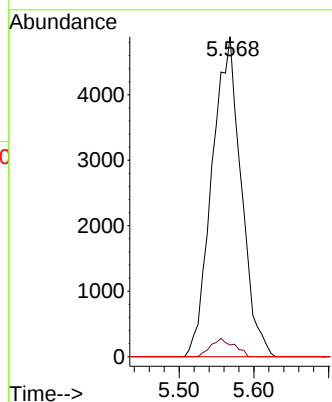


#38
Carbon Tetrachloride
Concen: 6.096 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX023856.D
Acq: 19 Aug 2021 22:30

Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-GW-370-372

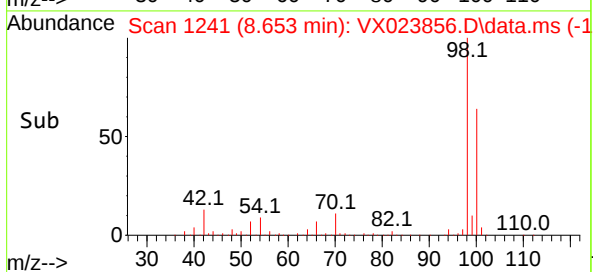
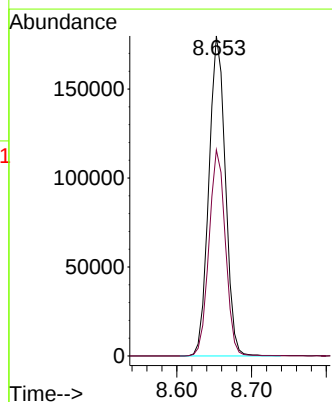
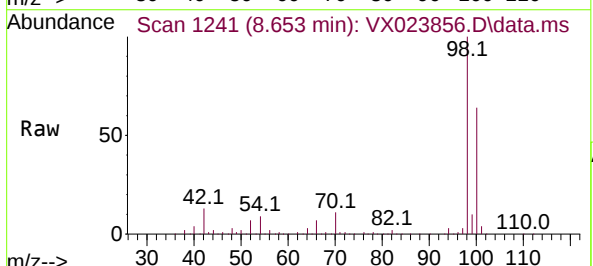


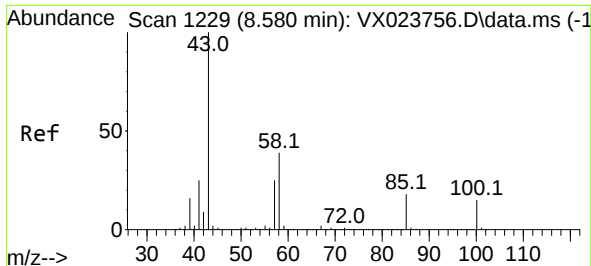
Tgt Ion:117 Resp: 13284
Ion Ratio Lower Upper
117 100
119 3.6 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.516 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023856.D
Acq: 19 Aug 2021 22:30

Tgt Ion: 98 Resp: 275802
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9

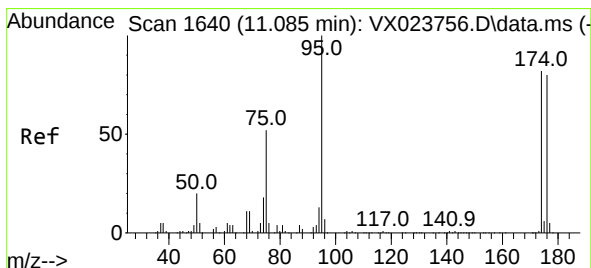
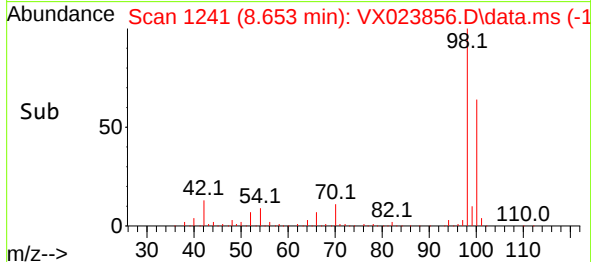
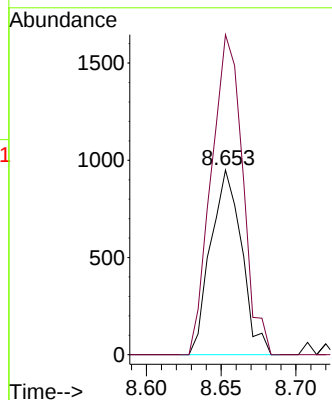
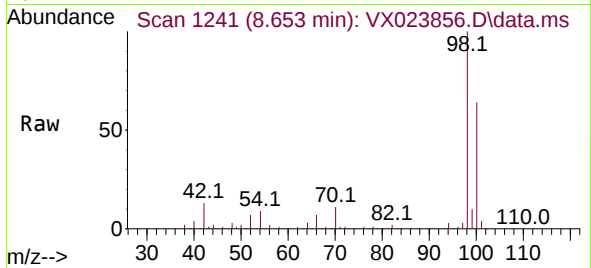




#51
4-Methyl-2-Pentanone
Concen: 0.527 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023856.D
Acq: 19 Aug 2021 22:30

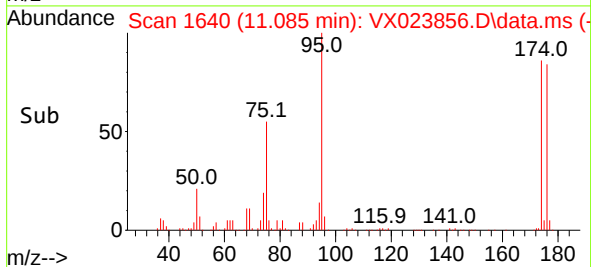
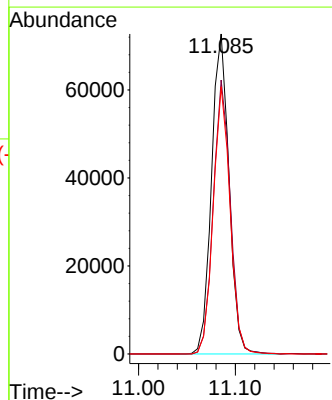
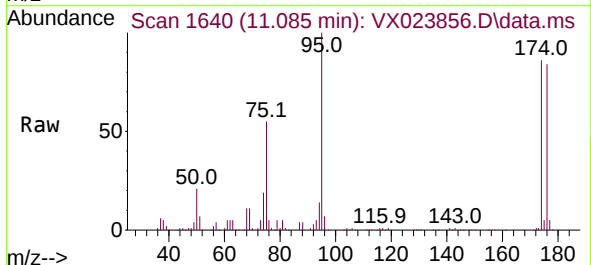
Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-GW-370-372

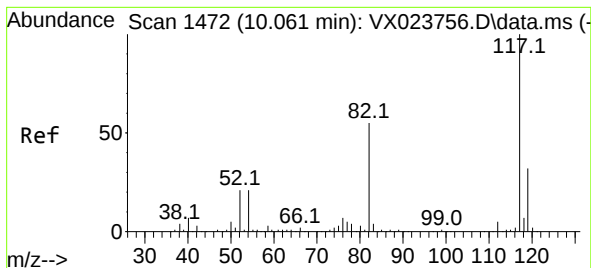
Tgt Ion: 43 Resp: 1369
Ion Ratio Lower Upper
43 100
58 175.7 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 43.546 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023856.D
Acq: 19 Aug 2021 22:30

Tgt Ion: 95 Resp: 91128
Ion Ratio Lower Upper
95 100
174 83.7 0.0 154.6
176 80.4 0.0 155.8

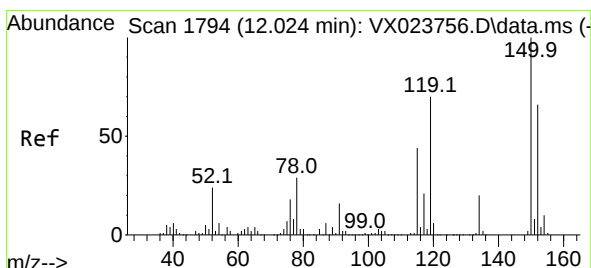
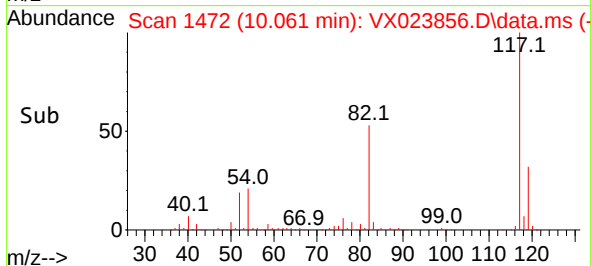
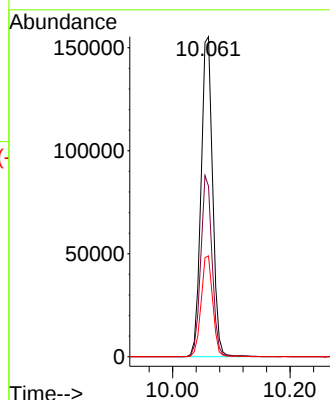
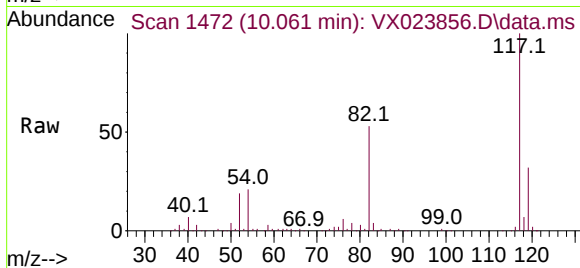




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX023856.D
Acq: 19 Aug 2021 22:30

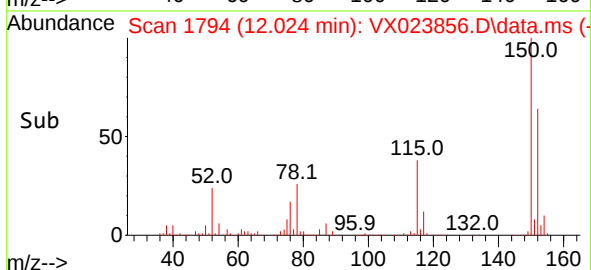
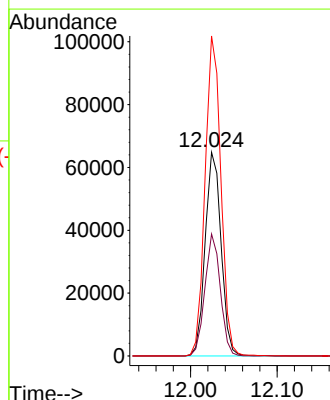
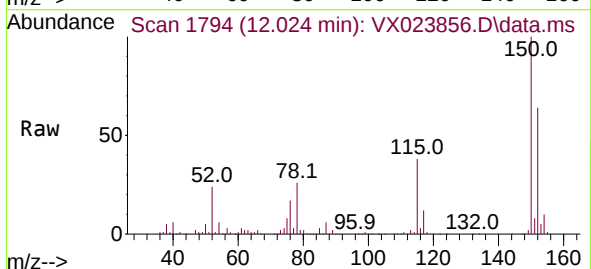
Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-GW-370-372

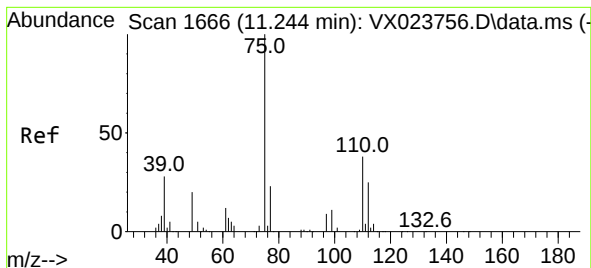
Tgt Ion:117 Resp: 212838
Ion Ratio Lower Upper
117 100
82 53.3 47.4 71.2
119 31.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023856.D
Acq: 19 Aug 2021 22:30

Tgt Ion:152 Resp: 82716
Ion Ratio Lower Upper
152 100
115 58.1 41.1 123.3
150 155.8 0.0 349.0





#76

1,2,3-Trichloropropane

Concen: 26.048 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.159 min

Lab File: VX023856.D

Acq: 19 Aug 2021 22:30

Tgt Ion: 75 Resp: 50260

Ion Ratio Lower Upper

75 100

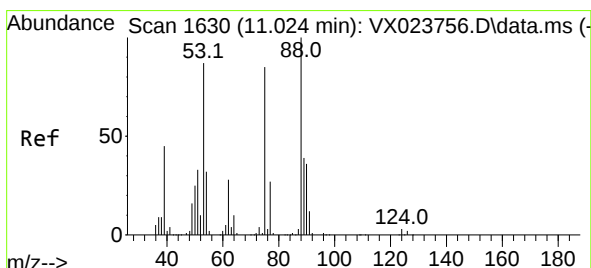
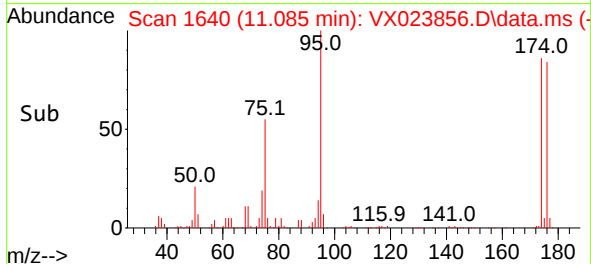
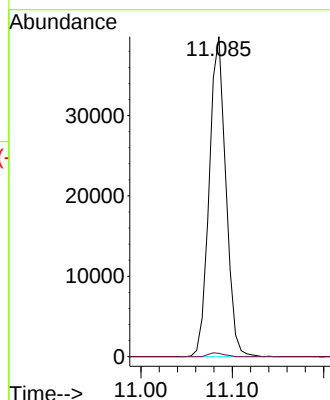
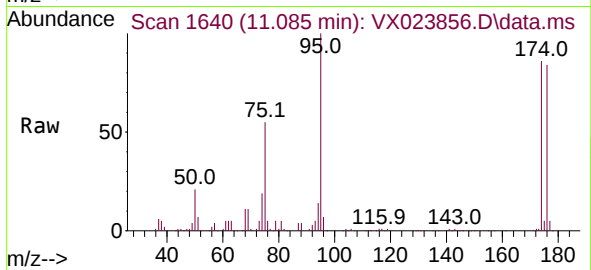
77 1.1 19.1 57.5#

Instrument :

MSVOA_X

ClientSampleId :

BB-TT-VPB-RW7-GW-370-372



#81

trans-1,4-Dichloro-2-butene

Concen: 76.620 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.061 min

Lab File: VX023856.D

Acq: 19 Aug 2021 22:30

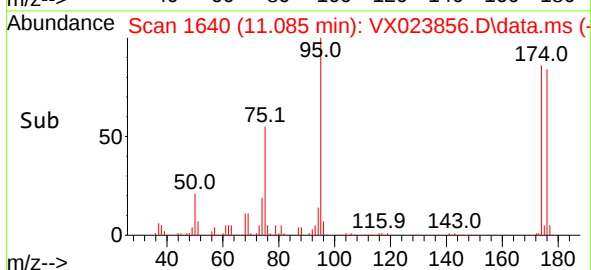
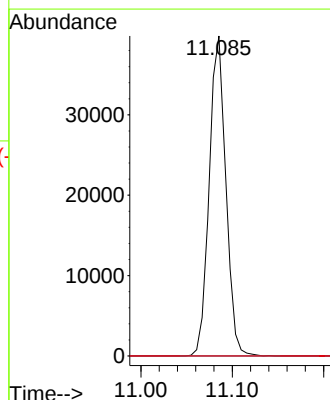
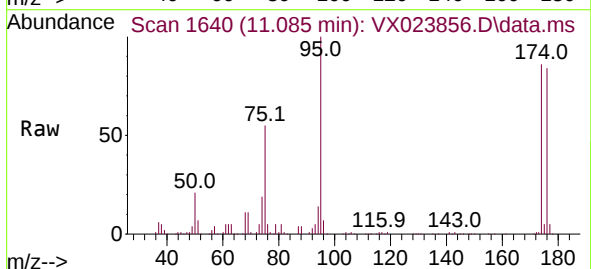
Tgt Ion: 75 Resp: 50260

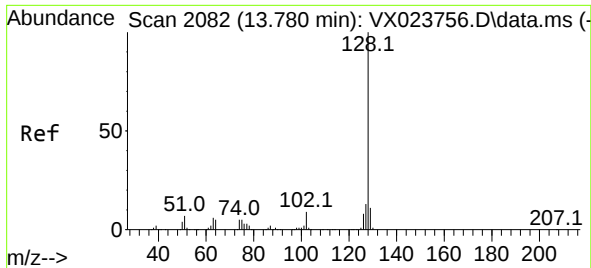
Ion Ratio Lower Upper

75 100

53 0.0 74.5 111.7#

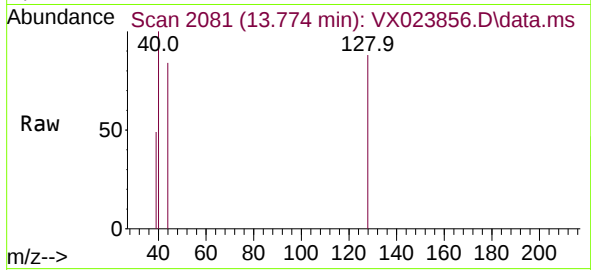
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.314 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX023856.D
Acq: 19 Aug 2021 22:30

Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-GW-370-372



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

