

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080521\
 Data File : VX023556.D
 Acq On : 04 Aug 2021 21:32
 Operator : JC/MD
 Sample : M3278-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5

Quant Time: Aug 05 06:10:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

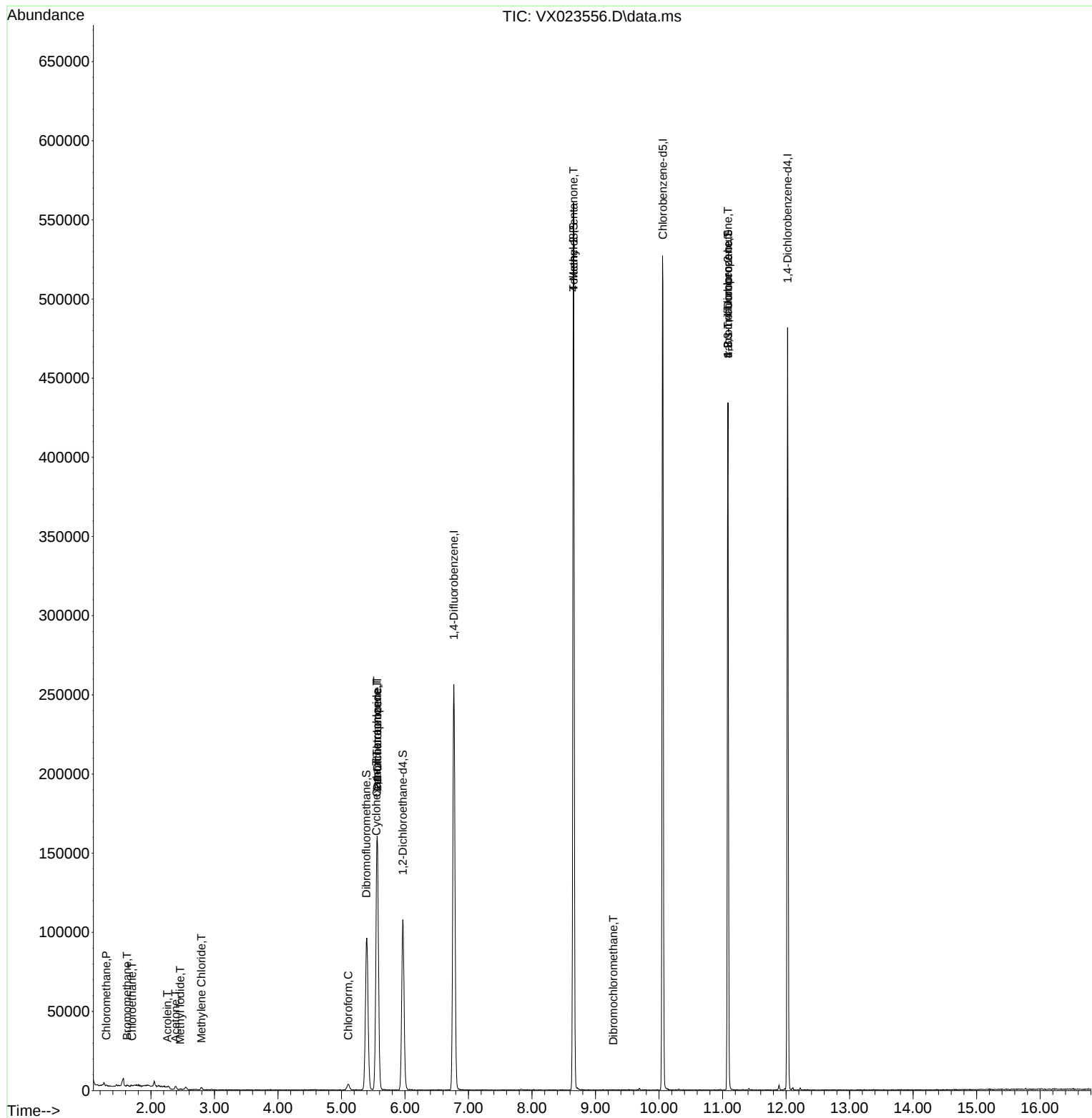
Internal Standards						
1) Pentafluorobenzene	5.562	168	152724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	262332	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	240359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95660	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	103522	54.339	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.680%	
35) Dibromofluoromethane	5.391	113	82123	50.068	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.140%	
50) Toluene-d8	8.653	98	317967	52.764	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.520%	
62) 4-Bromofluorobenzene	11.085	95	104417	50.956	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.920%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	415	0.254	ug/l #	80
5) Bromomethane	1.624	94	558	0.567	ug/l	81
6) Chloroethane	1.703	64	428	0.421	ug/l #	43
10) Methyl Iodide	2.459	142	557	0.294	ug/l #	75
13) Acrolein	2.258	56	109	1.854	ug/l #	78
16) Acetone	2.386	43	2388	2.555	ug/l #	87
20) Methylene Chloride	2.794	84	700	0.385	ug/l #	71
30) Chloroform	5.105	83	4599	1.518	ug/l	92
31) Cyclohexane	5.550	56	3443	1.220	ug/l #	45
36) 1,1-Dichloropropene	5.562	75	11887	5.009	ug/l #	50
38) Carbon Tetrachloride	5.556	117	15328	6.351	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1510	0.532	ug/l #	1
60) Dibromochloromethane	9.281	129	21	1.993	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	54933	26.096	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	54933	70.168	ug/l #	12

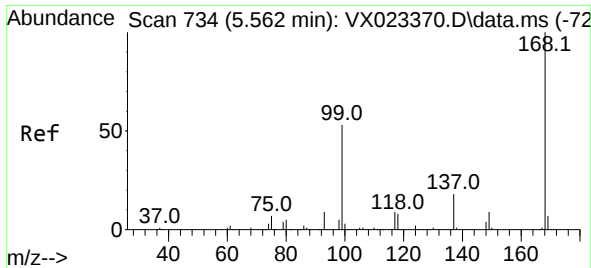
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080521\
Data File : VX023556.D
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Sample : M3278-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-5

Quant Time: Aug 05 06:10:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:05:38 2021
Response via : Initial Calibration

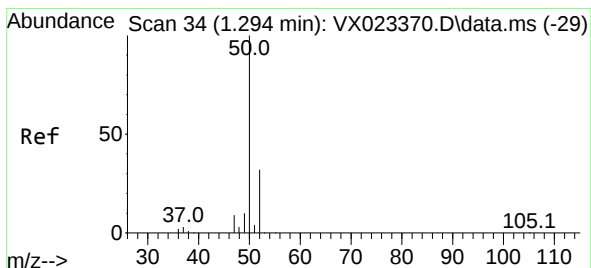
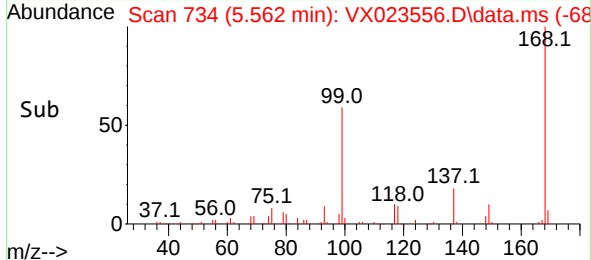
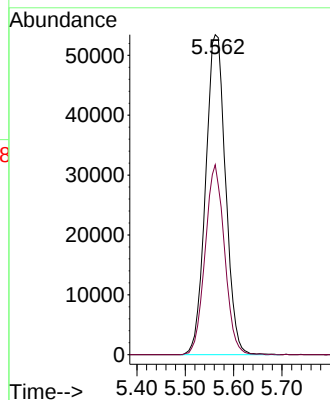
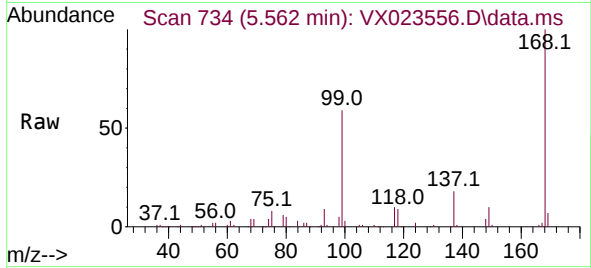




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023556.D
Acq: 04 Aug 2021 21:32

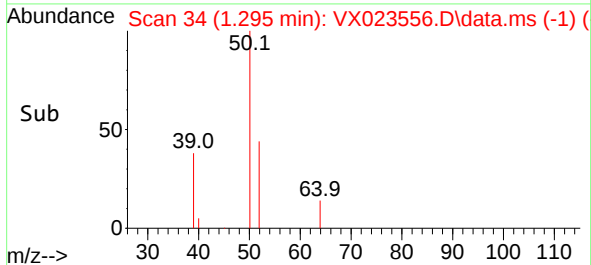
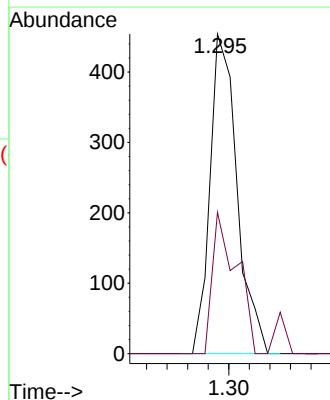
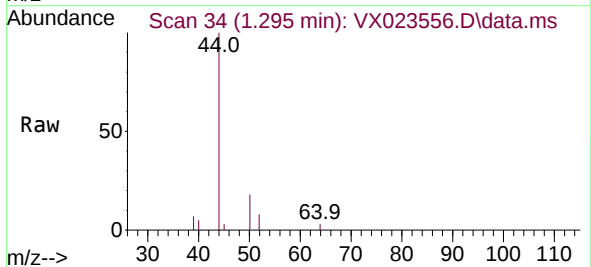
Instrument :
MSVOA_X
ClientSampleId :
MW-5

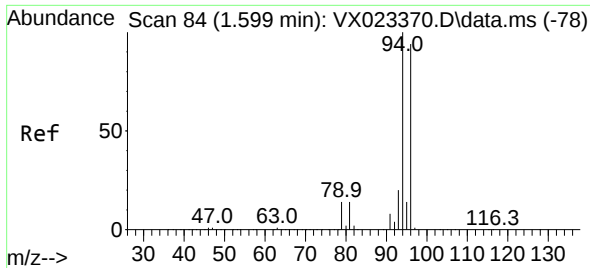
Tgt Ion:168 Resp: 152724
Ion Ratio Lower Upper
168 100
99 59.4 45.8 68.6



#3
Chloromethane
Concen: 0.254 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023556.D
Acq: 04 Aug 2021 21:32

Tgt Ion: 50 Resp: 415
Ion Ratio Lower Upper
50 100
52 44.3 26.4 39.6#

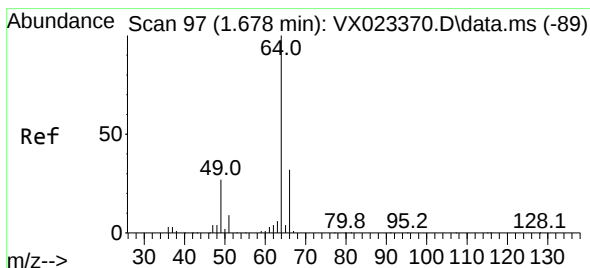
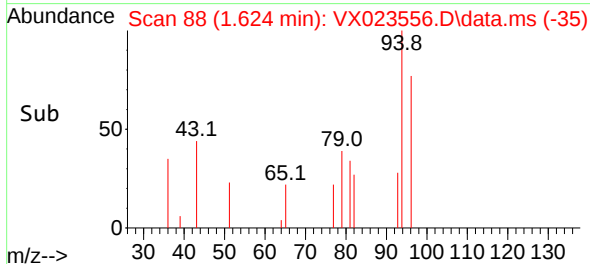
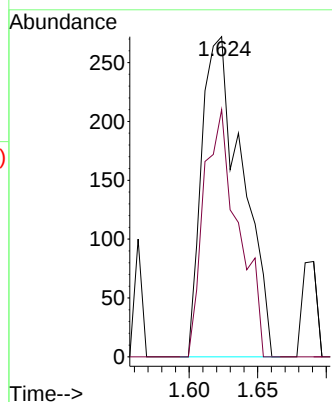
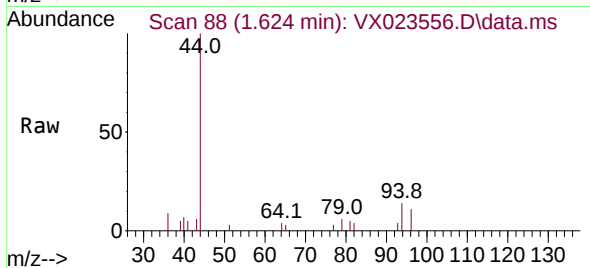




#5
Bromomethane
Concen: 0.567 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX023556.D
Acq: 04 Aug 2021 21:32

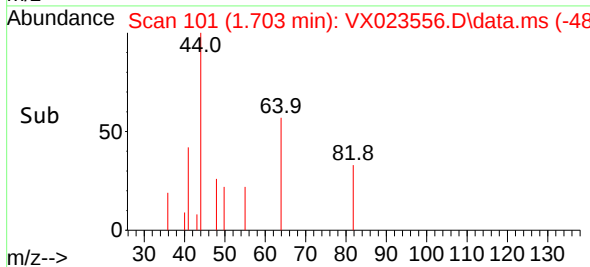
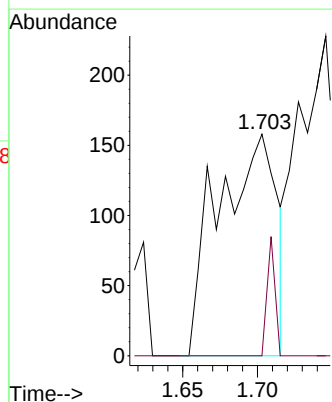
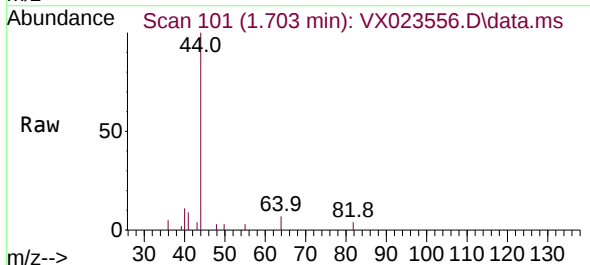
Instrument :
MSVOA_X
ClientSampled :
MW-5

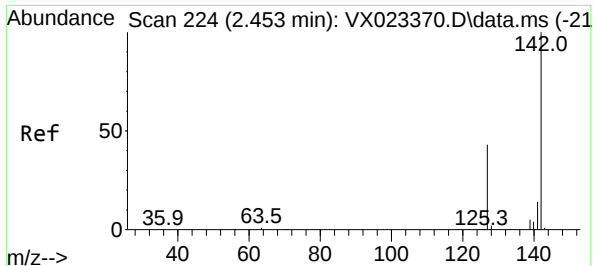
Tgt Ion: 94 Resp: 558
Ion Ratio Lower Upper
94 100
96 77.2 76.4 114.6



#6
Chloroethane
Concen: 0.421 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.025 min
Lab File: VX023556.D
Acq: 04 Aug 2021 21:32

Tgt Ion: 64 Resp: 428
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

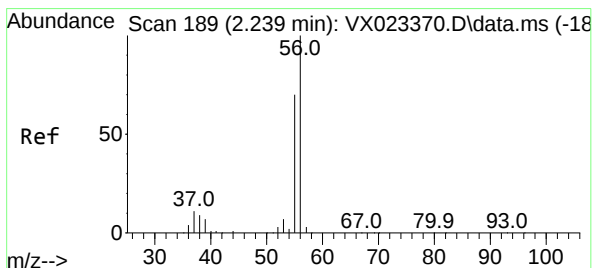
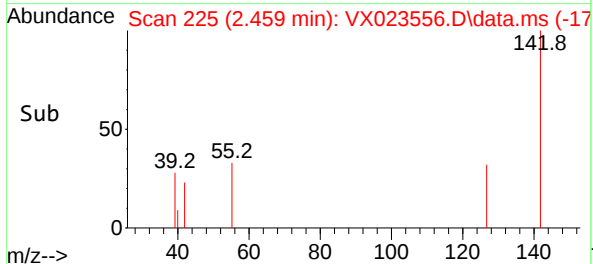
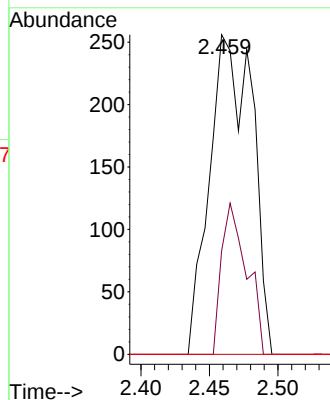
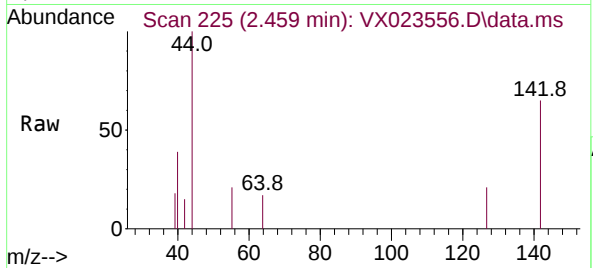




#10
Methyl Iodide
Concen: 0.294 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX023556.D
Acq: 04 Aug 2021 21:32

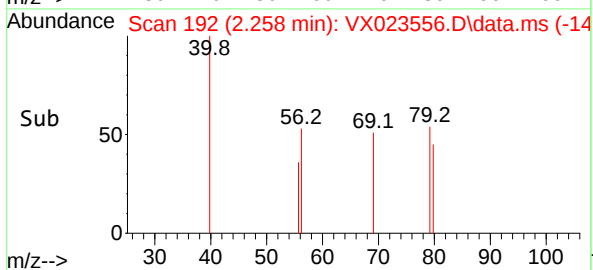
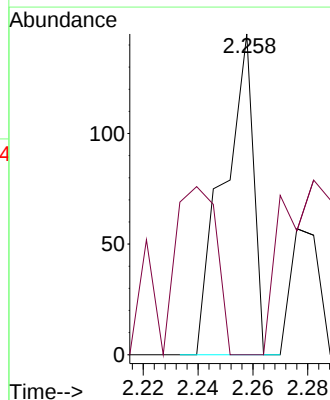
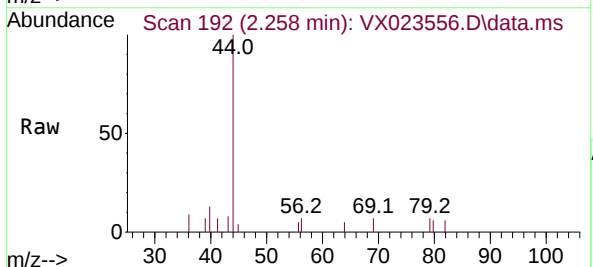
Instrument :
MSVOA_X
ClientSampled :
MW-5

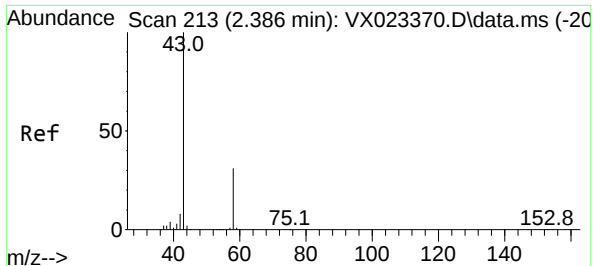
Tgt Ion:142 Resp: 557
Ion Ratio Lower Upper
142 100
127 27.8 33.3 49.9#
141 0.0 11.4 17.0#



#13
Acrolein
Concen: 1.854 ug/l
RT: 2.258 min Scan# 192
Delta R.T. 0.019 min
Lab File: VX023556.D
Acq: 04 Aug 2021 21:32

Tgt Ion: 56 Resp: 109
Ion Ratio Lower Upper
56 100
55 89.0 56.4 84.6#

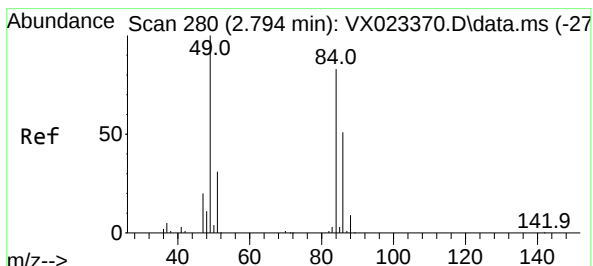
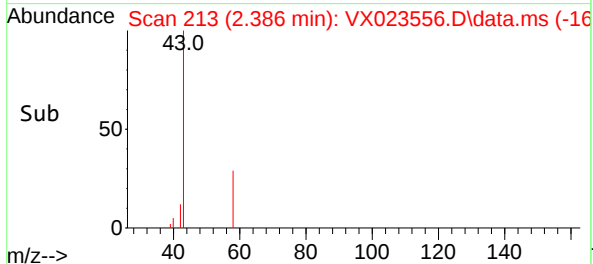
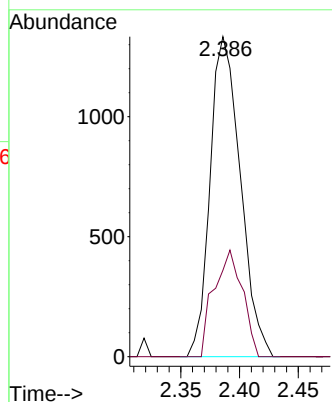
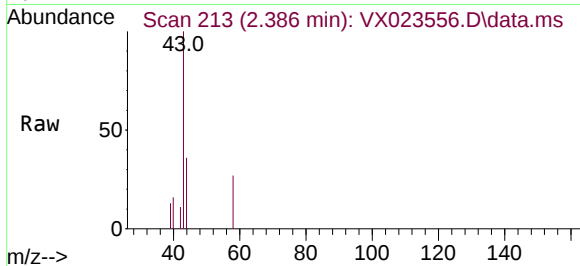




#16
Acetone
Concen: 2.555 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023556.D
Acq: 04 Aug 2021 21:32

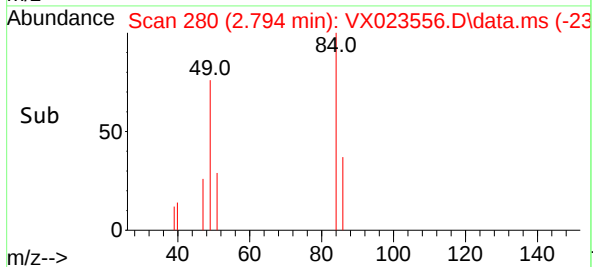
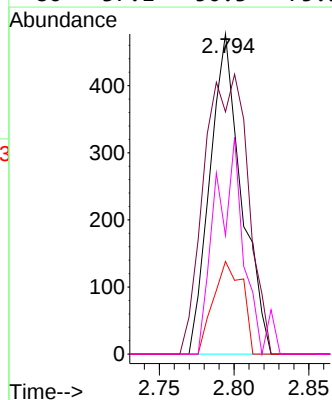
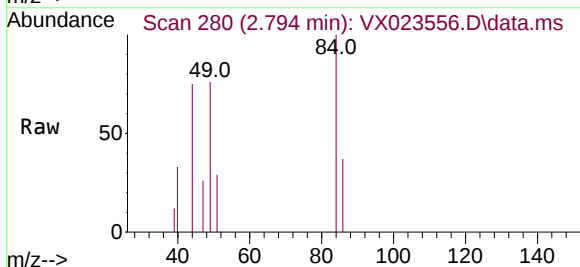
Instrument :
MSVOA_X
ClientSampled :
MW-5

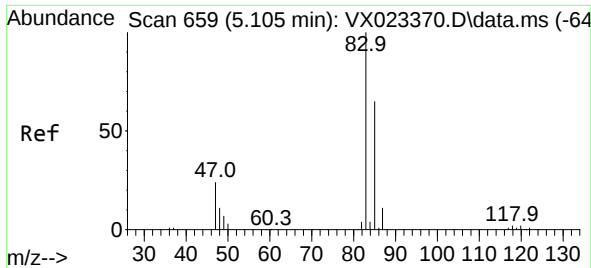
Tgt Ion: 43 Resp: 2388
Ion Ratio Lower Upper
43 100
58 27.0 27.8 41.8#



#20
Methylene Chloride
Concen: 0.385 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023556.D
Acq: 04 Aug 2021 21:32

Tgt Ion: 84 Resp: 700
Ion Ratio Lower Upper
84 100
49 75.7 88.6 132.8#
51 28.9 27.0 40.6
86 37.1 50.3 75.5#

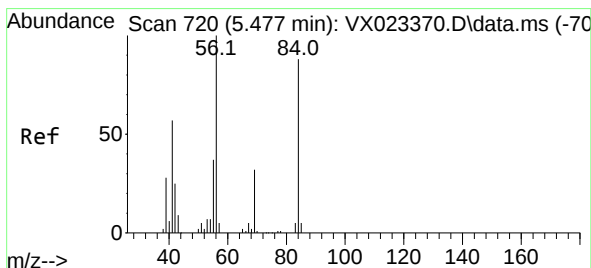
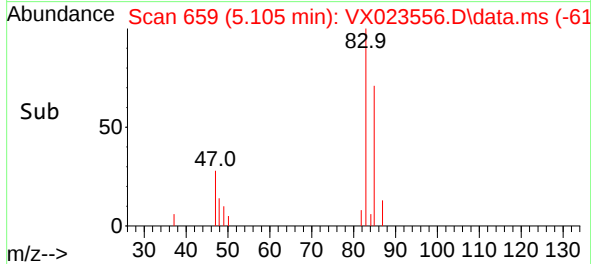
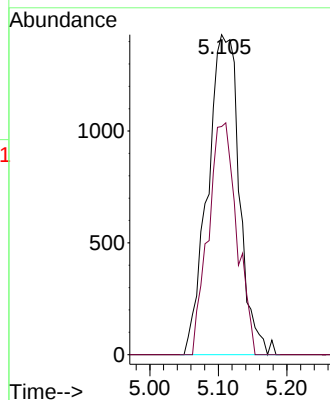
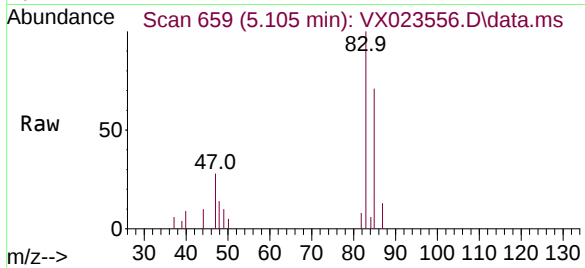




#30
Chloroform
Concen: 1.518 ug/l
RT: 5.105 min Scan# 659
Delta R.T. -0.000 min
Lab File: VX023556.D
Acq: 04 Aug 2021 21:32

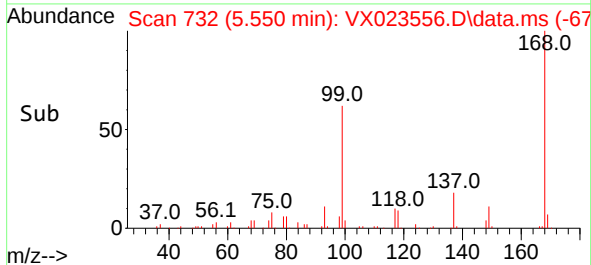
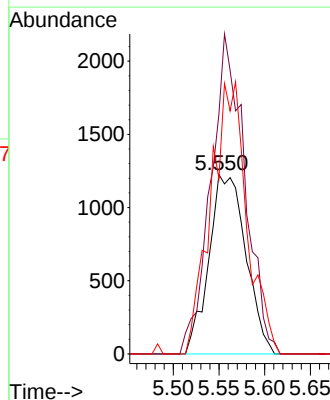
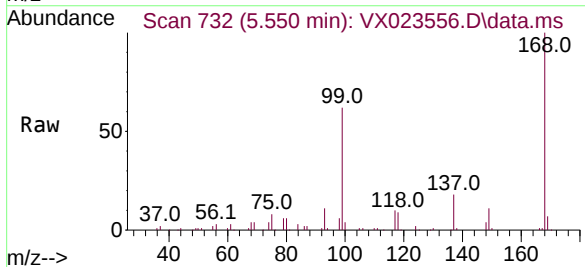
Instrument :
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ClientSampled :
MW-5

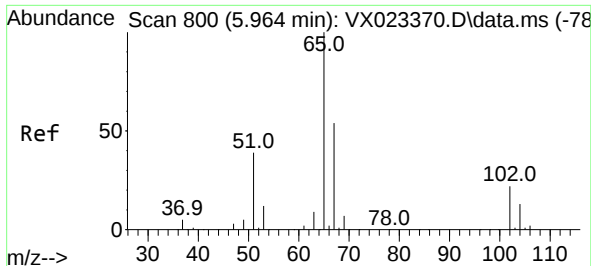
Tgt Ion: 83 Resp: 4599
Ion Ratio Lower Upper
83 100
85 71.3 52.0 78.0



#31
Cyclohexane
Concen: 1.220 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX023556.D
Acq: 04 Aug 2021 21:32

Tgt Ion: 56 Resp: 3443
Ion Ratio Lower Upper
56 100
69 133.7 25.3 37.9#
84 97.8 71.4 107.0

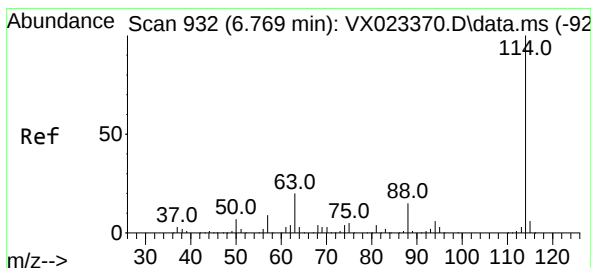
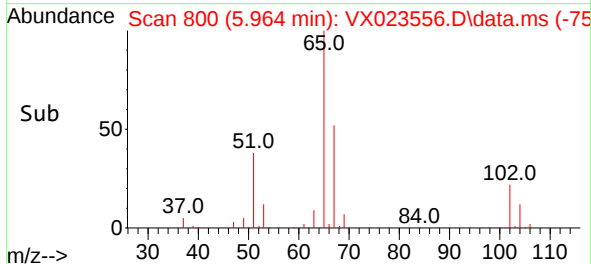
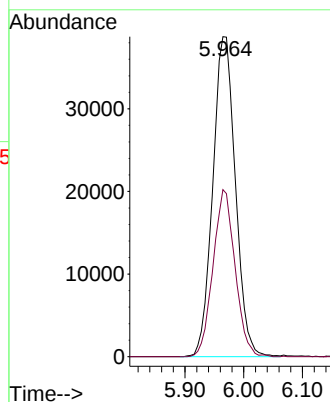
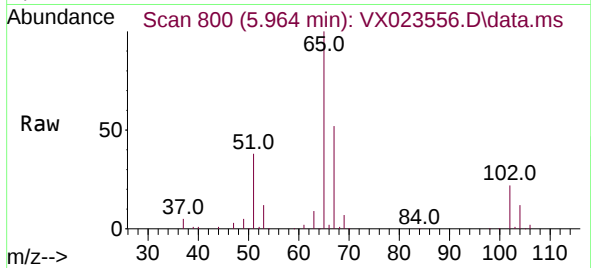




#33
1,2-Dichloroethane-d4
Concen: 54.339 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023556.D
Acq: 04 Aug 2021 21:32

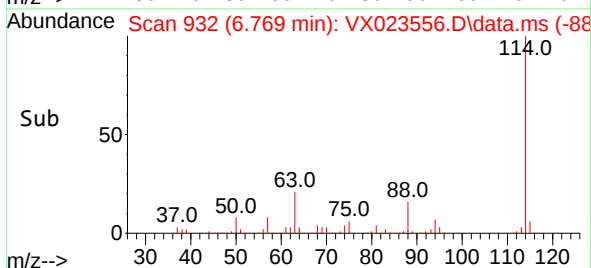
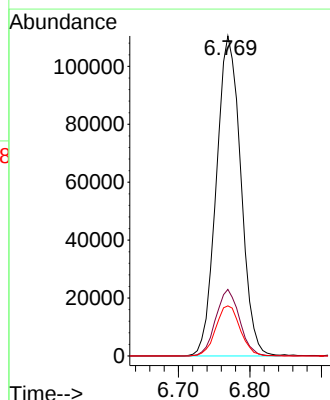
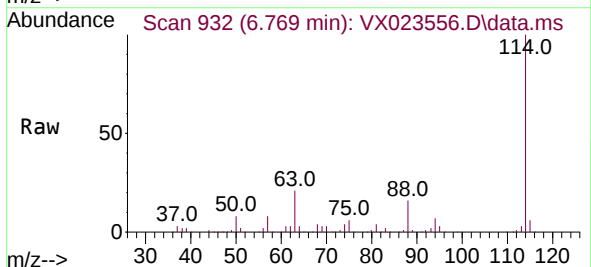
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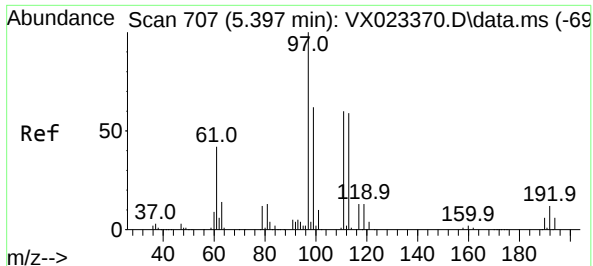
Tgt Ion: 65 Resp: 103522
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023556.D
Acq: 04 Aug 2021 21:32

Tgt Ion: 114 Resp: 262332
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 15.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.068 ug/l

RT: 5.391 min Scan# 706

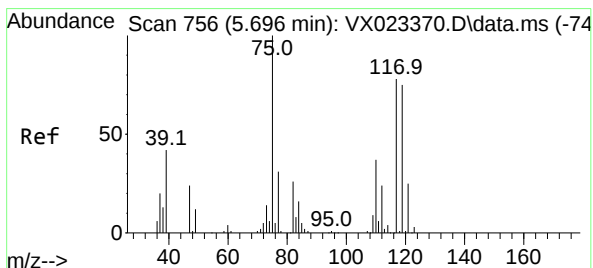
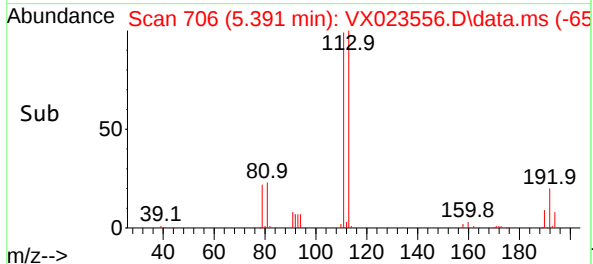
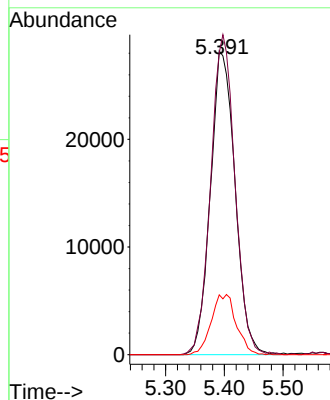
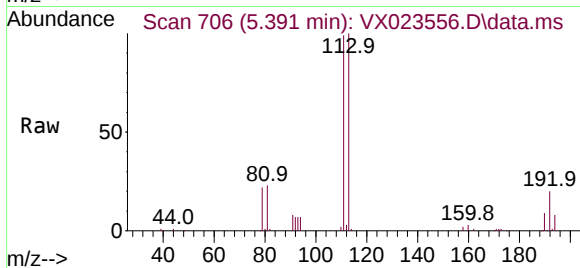
Delta R.T. -0.006 min

Lab File: VX023556.D

Acq: 04 Aug 2021 21:32

Tgt Ion:	113	Resp:	82123
Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.9	122.9
192	20.2	16.7	25.1

Instrument :
MSVOA_X
ClientSampleId :
MW-5



#36

1,1-Dichloropropene

Concen: 5.009 ug/l

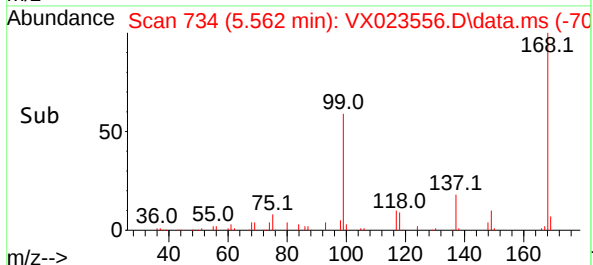
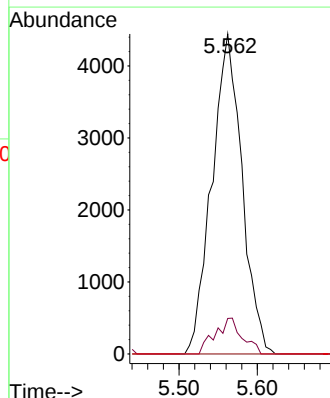
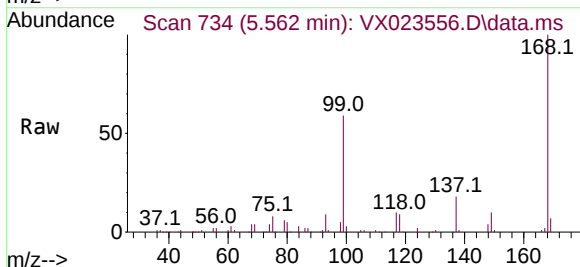
RT: 5.562 min Scan# 734

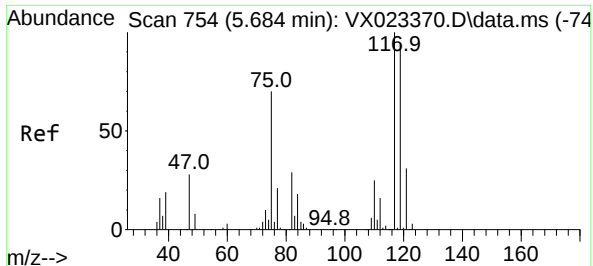
Delta R.T. -0.134 min

Lab File: VX023556.D

Acq: 04 Aug 2021 21:32

Tgt Ion:	75	Resp:	11887
Ion	Ratio	Lower	Upper
75	100		
110	10.0	18.1	54.4#
77	0.0	25.3	37.9#

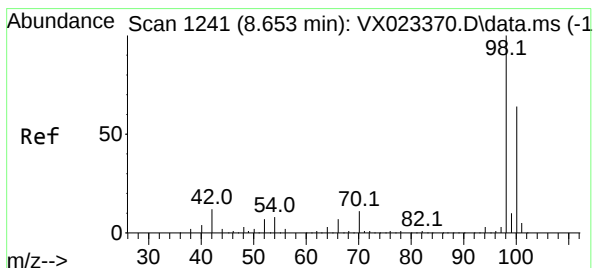
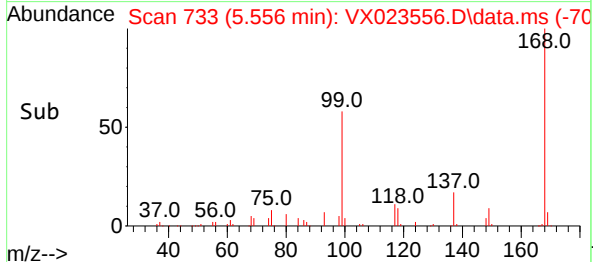
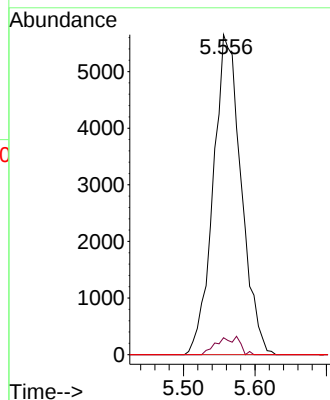
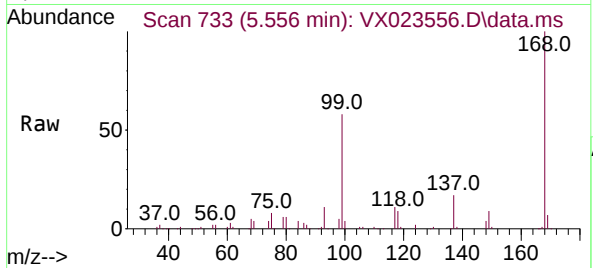




#38
Carbon Tetrachloride
Concen: 6.351 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX023556.D
Acq: 04 Aug 2021 21:32

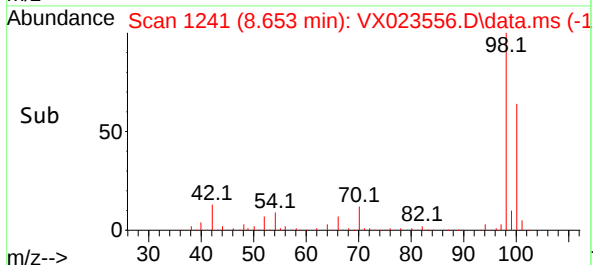
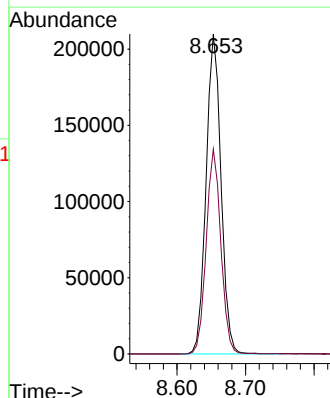
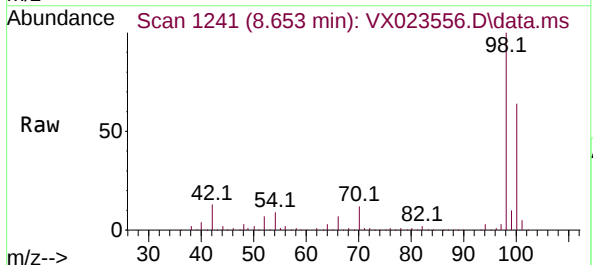
Instrument :
MSVOA_X
ClientSampleId :
MW-5

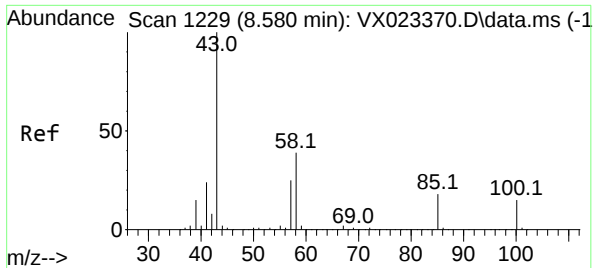
Tgt Ion:117 Resp: 15328
Ion Ratio Lower Upper
117 100
119 5.3 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.764 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023556.D
Acq: 04 Aug 2021 21:32

Tgt Ion: 98 Resp: 317967
Ion Ratio Lower Upper
98 100
100 62.8 51.9 77.9

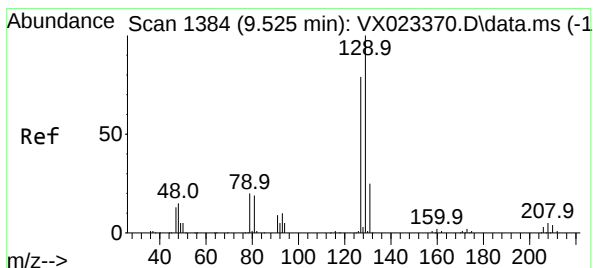
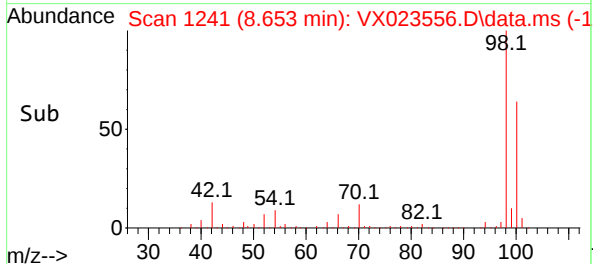
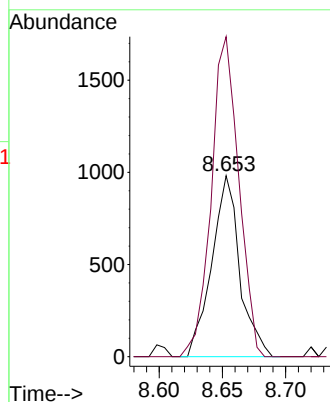
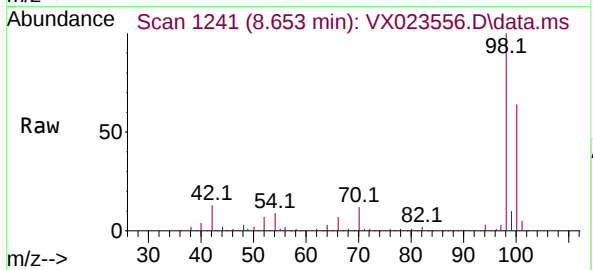




#51
4-Methyl-2-Pentanone
Concen: 0.532 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023556.D
Acq: 04 Aug 2021 21:32

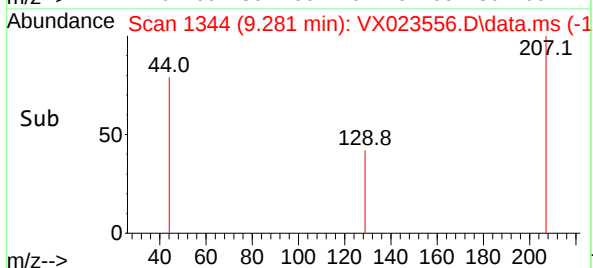
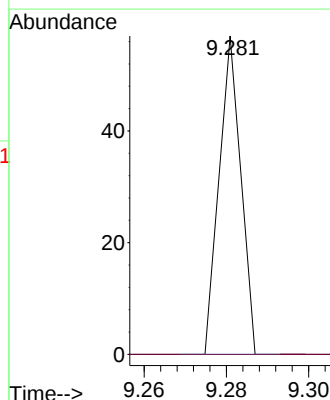
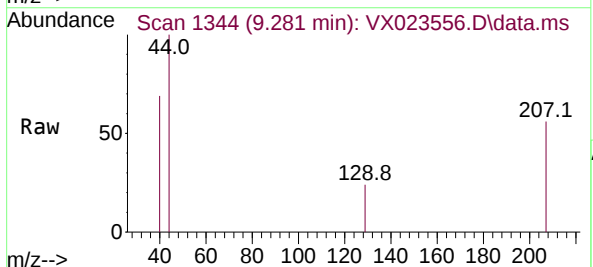
Instrument :
MSVOA_X
ClientSampled :
MW-5

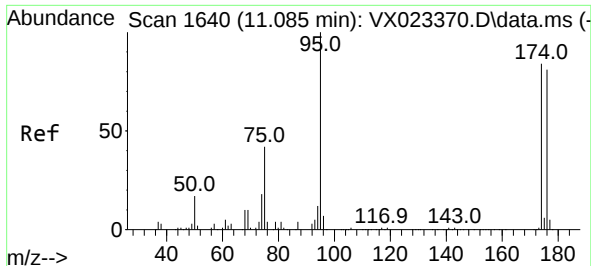
Tgt Ion: 43 Resp: 1510
Ion Ratio Lower Upper
43 100
58 174.0 35.4 53.0#



#60
Dibromochloromethane
Concen: 1.993 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX023556.D
Acq: 04 Aug 2021 21:32

Tgt Ion: 129 Resp: 21
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

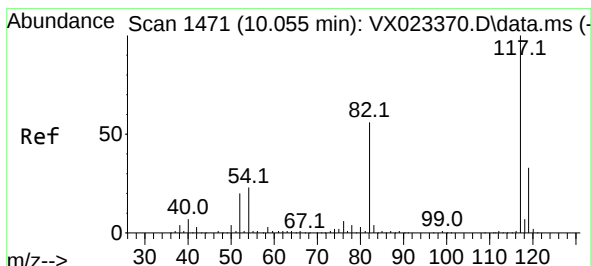
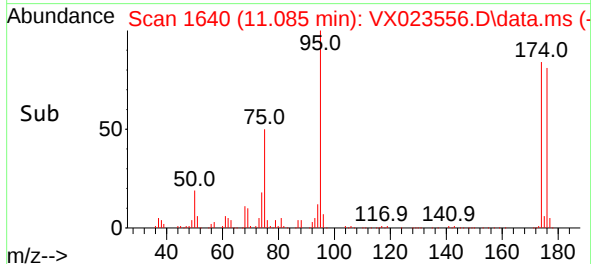
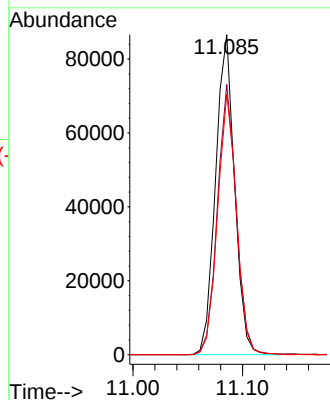
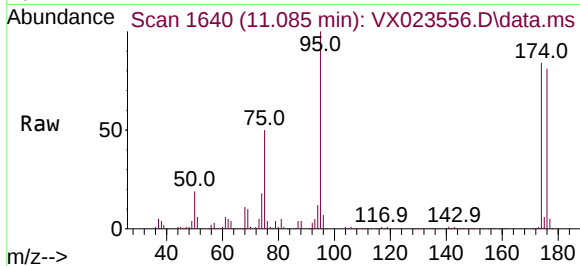




#62
4-Bromofluorobenzene
Concen: 50.956 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023556.D
Acq: 04 Aug 2021 21:32

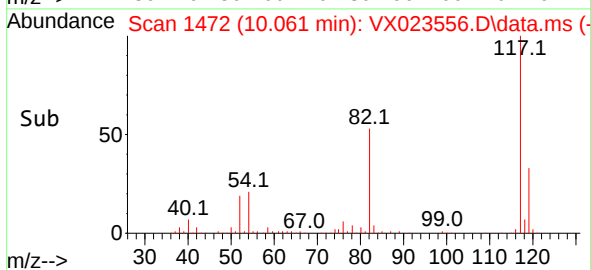
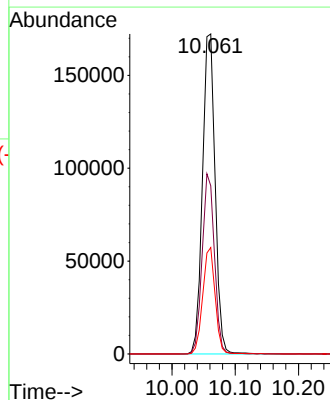
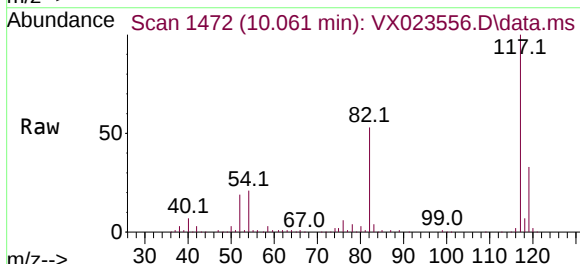
Instrument :
MSVOA_X
ClientSampled :
MW-5

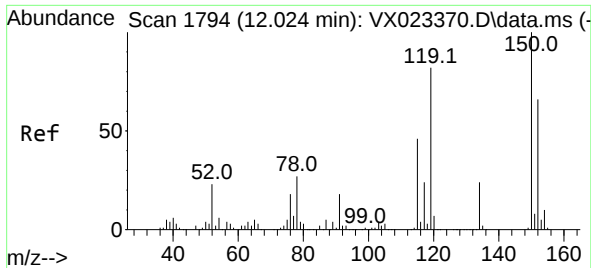
Tgt Ion: 95 Resp: 104417
Ion Ratio Lower Upper
95 100
174 83.6 0.0 154.6
176 81.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX023556.D
Acq: 04 Aug 2021 21:32

Tgt Ion: 117 Resp: 240359
Ion Ratio Lower Upper
117 100
82 52.5 47.4 71.2
119 33.3 26.6 39.8

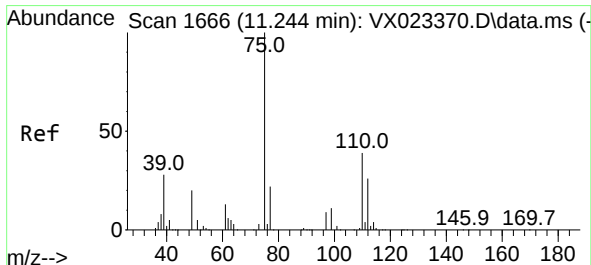
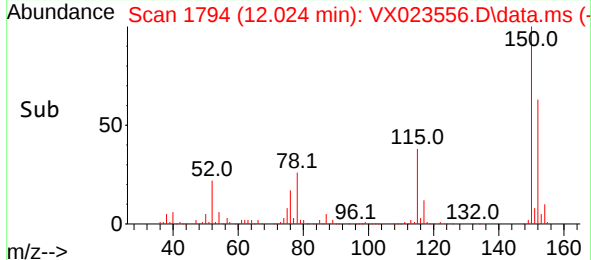
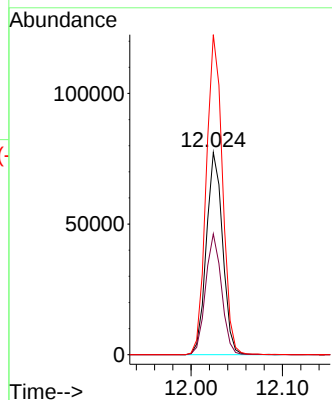
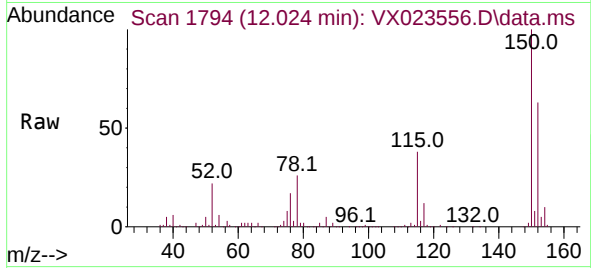




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023556.D
 Acq: 04 Aug 2021 21:32

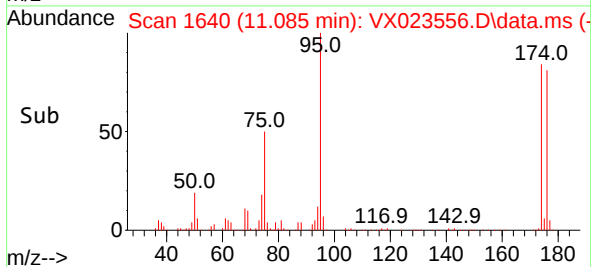
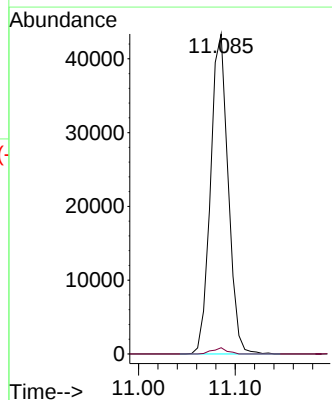
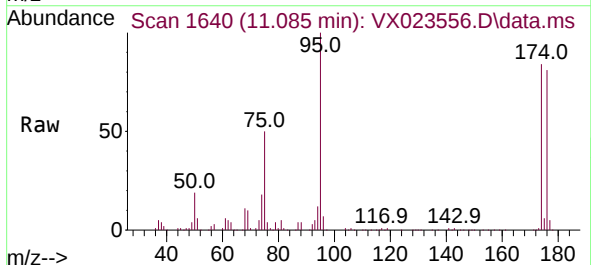
Instrument :
 MSVOA_X
 ClientSampled :
 MW-5

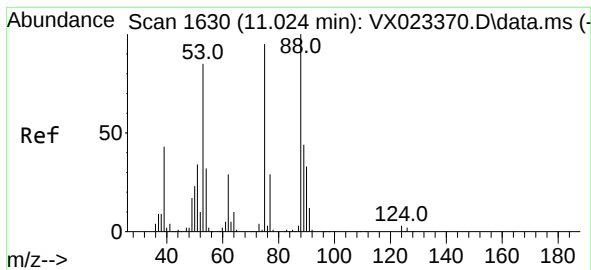
Tgt Ion:152 Resp: 95660
 Ion Ratio Lower Upper
 152 100
 115 58.7 41.1 123.3
 150 157.6 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.096 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023556.D
 Acq: 04 Aug 2021 21:32

Tgt Ion: 75 Resp: 54933
 Ion Ratio Lower Upper
 75 100
 77 1.6 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.168 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX023556.D
 Acq: 04 Aug 2021 21:32

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5

Tgt Ion: 75 Resp: 54933
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

