

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100521\
 Data File : VX024592.D
 Acq On : 06 Oct 2021 00:38
 Operator : JC/MD
 Sample : M4028-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-1

Quant Time: Oct 06 06:52:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

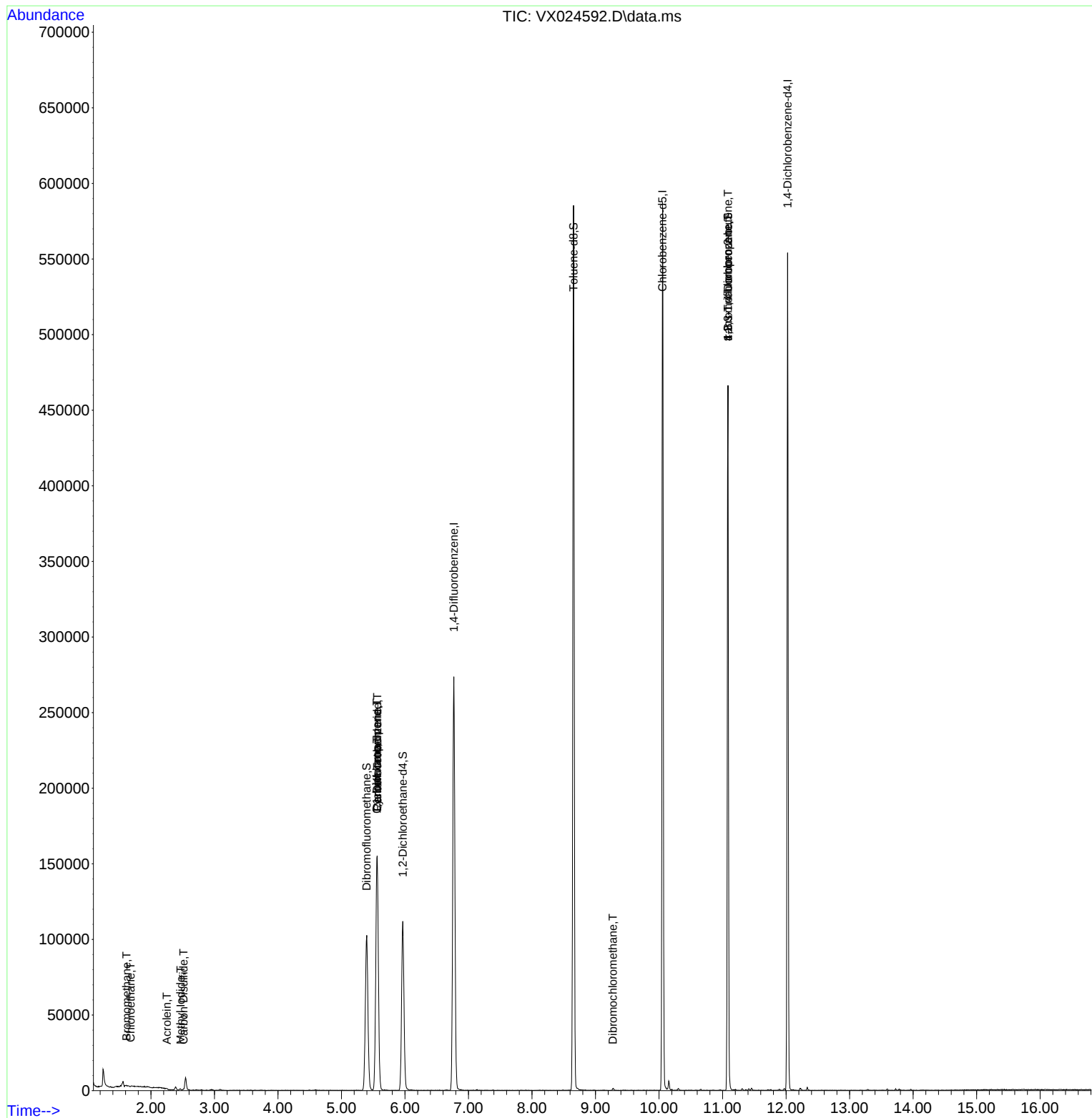
Internal Standards						
1) Pentafluorobenzene	5.562	168	144902	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	276596	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	271685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	110892	54.300	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.600%	
35) Dibromofluoromethane	5.397	113	86288	46.960	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.920%	
50) Toluene-d8	8.653	98	342527	50.647	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.300%	
62) 4-Bromofluorobenzene	11.085	95	119725	45.025	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.060%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	399	0.412	ug/l	94
6) Chloroethane	1.679	64	225	0.492	ug/l #	43
10) Methyl Iodide	2.465	142	907	0.453	ug/l	98
11) Tert butyl alcohol	2.953	59	475	Below Cal	#	73
13) Acrolein	2.252	56	19	10.223	ug/l #	1
16) Acetone	2.386	43	2270	Below Cal		94
17) Carbon Disulfide	2.514	76	890	0.486	ug/l #	84
20) Methylene Chloride	2.794	84	136	Below Cal	#	70
31) Cyclohexane	5.556	56	3213	1.314	ug/l #	11
36) 1,1-Dichloropropene	5.556	75	11537	4.351	ug/l #	51
38) Carbon Tetrachloride	5.562	117	15382	5.329	ug/l #	16
60) Dibromochloromethane	9.275	129	221	1.281	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	62987	24.359	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	62987	66.477	ug/l #	12

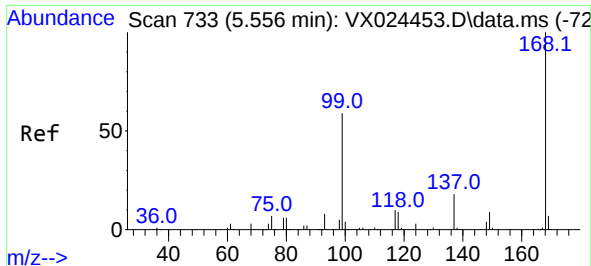
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 23 18:24:34 2021
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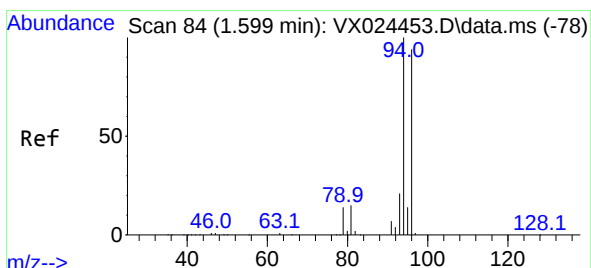
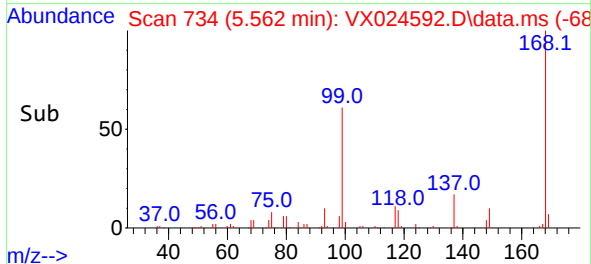
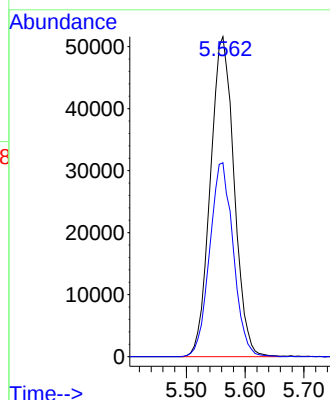
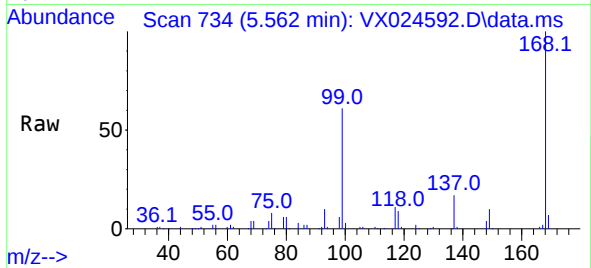




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024592.D
Acq: 06 Oct 2021 00:38

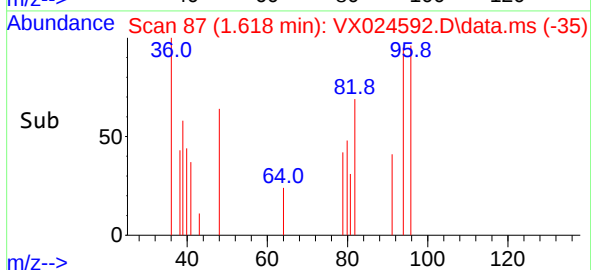
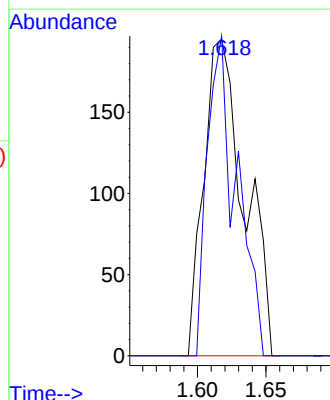
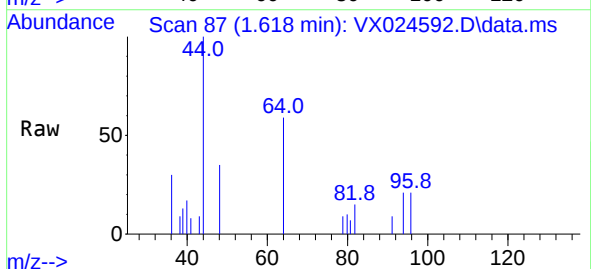
Instrument :
MSVOA_X
ClientSampled :
GW-1

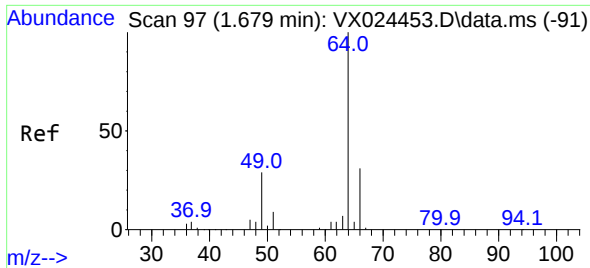
Tgt Ion:168 Resp: 144902
Ion Ratio Lower Upper
168 100
99 60.6 45.8 68.6



#5
Bromomethane
Concen: 0.412 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX024592.D
Acq: 06 Oct 2021 00:38

Tgt Ion: 94 Resp: 399
Ion Ratio Lower Upper
94 100
96 101.0 76.4 114.6

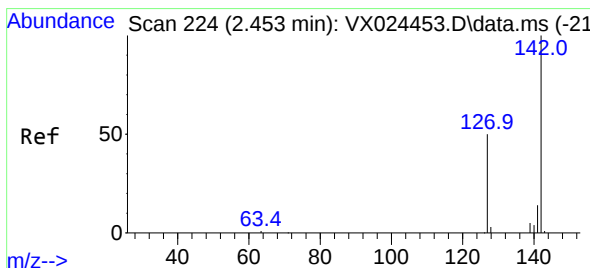
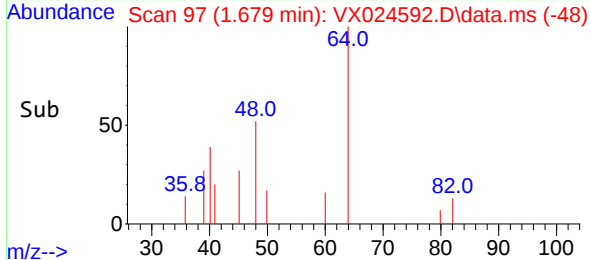
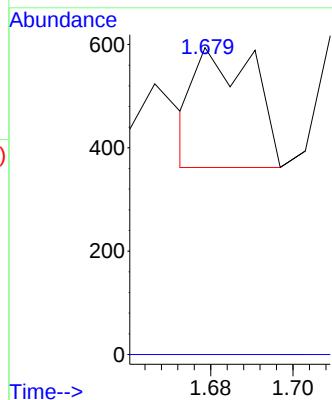
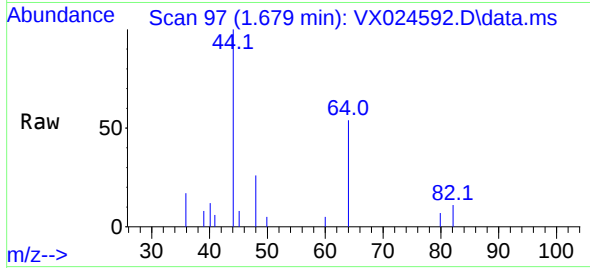




#6
Chloroethane
Concen: 0.492 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX024592.D
Acq: 06 Oct 2021 00:38

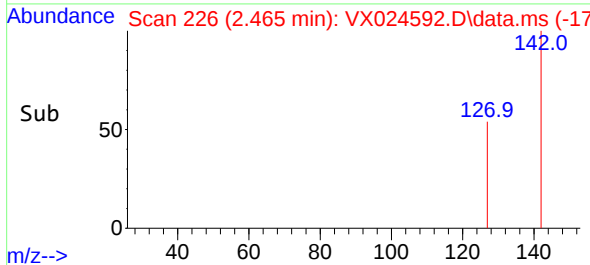
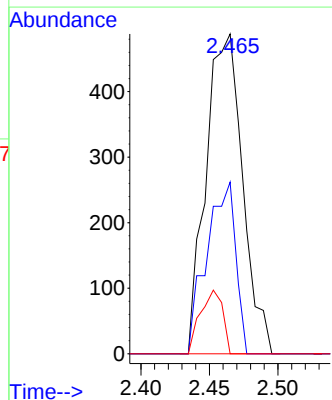
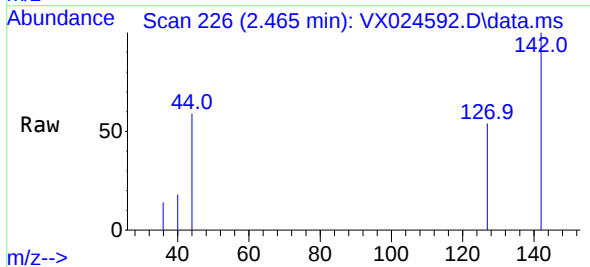
Instrument :
MSVOA_X
ClientSampled :
GW-1

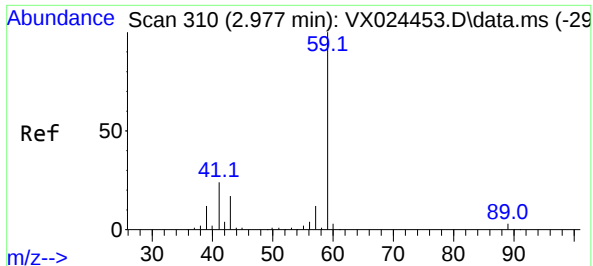
Tgt Ion: 64 Resp: 225
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.453 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024592.D
Acq: 06 Oct 2021 00:38

Tgt Ion: 142 Resp: 907
Ion Ratio Lower Upper
142 100
127 42.6 33.3 49.9
141 12.1 11.4 17.0



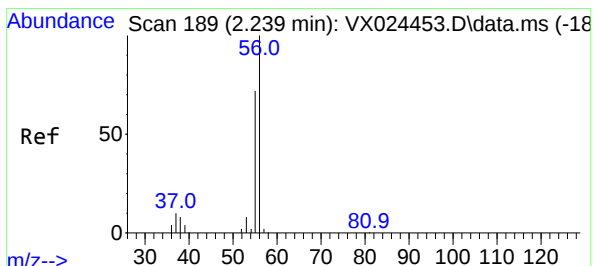
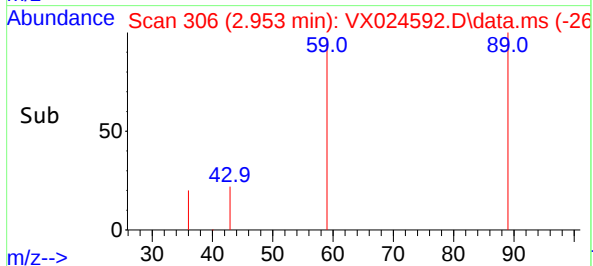
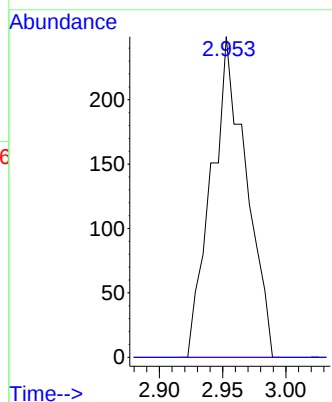
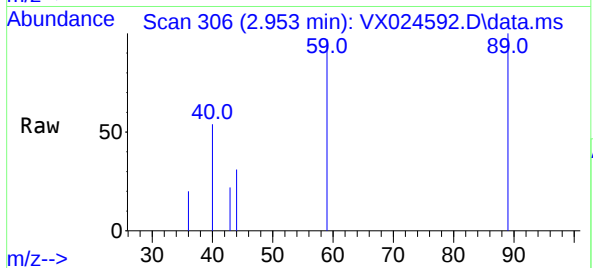


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX024592.D
Acq: 06 Oct 2021 00:38

Instrument :
MSVOA_X
ClientSampled :
GW-1

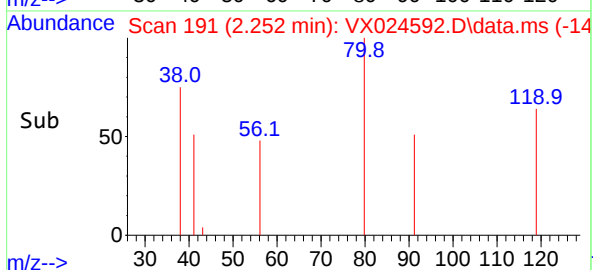
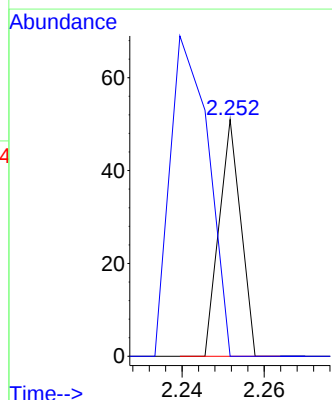
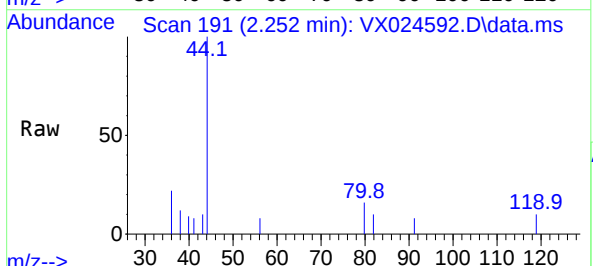
Tgt Ion: 59 Resp: 475
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

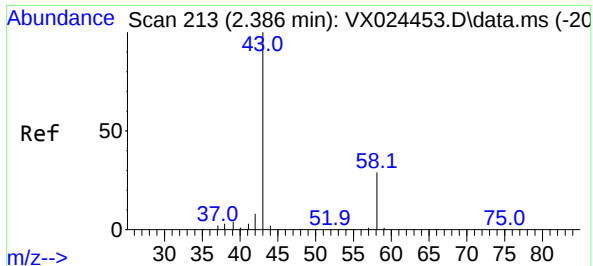


#13

Acrolein
Concen: 10.223 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.013 min
Lab File: VX024592.D
Acq: 06 Oct 2021 00:38

Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 236.8 56.4 84.6#

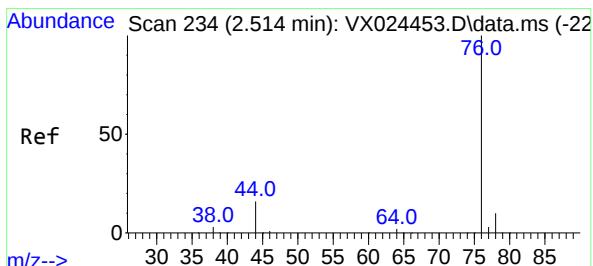
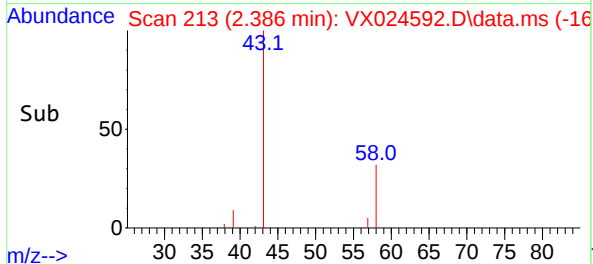
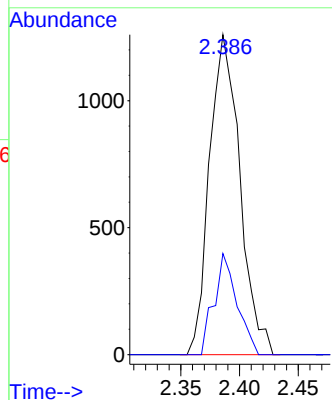
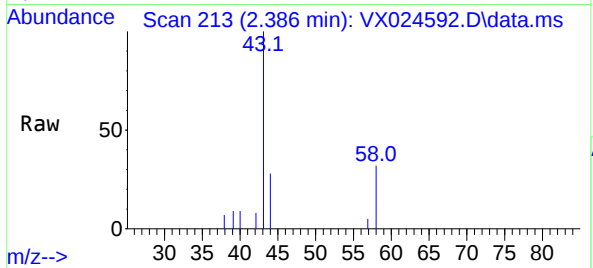




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024592.D
Acq: 06 Oct 2021 00:38

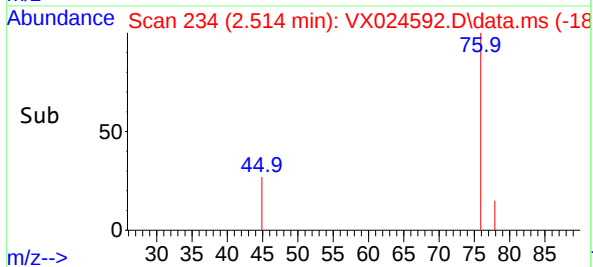
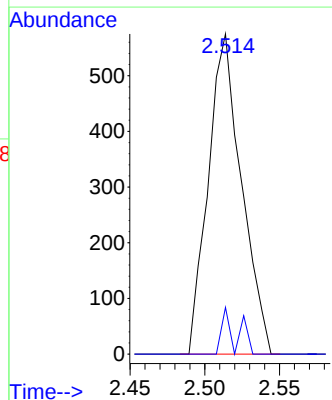
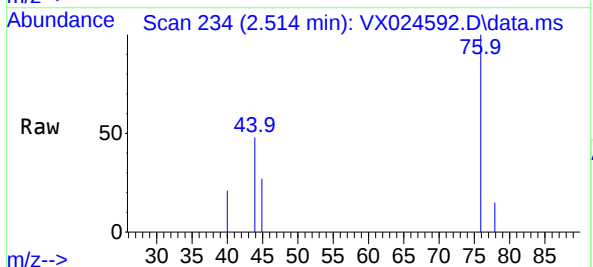
Instrument :
MSVOA_X
ClientSampleId :
GW-1

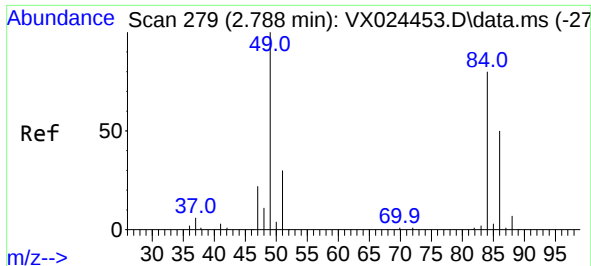
Tgt Ion: 43 Resp: 2270
Ion Ratio Lower Upper
43 100
58 31.6 27.8 41.8



#17
Carbon Disulfide
Concen: 0.486 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024592.D
Acq: 06 Oct 2021 00:38

Tgt Ion: 76 Resp: 890
Ion Ratio Lower Upper
76 100
78 14.6 7.2 10.8#



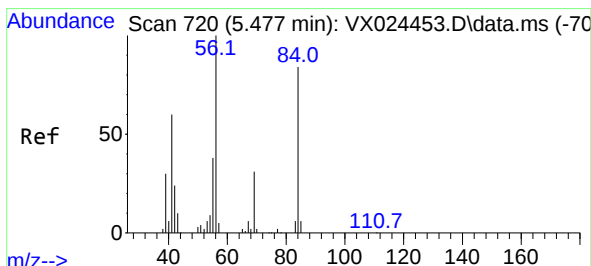
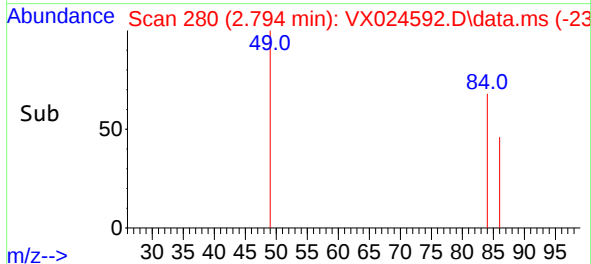
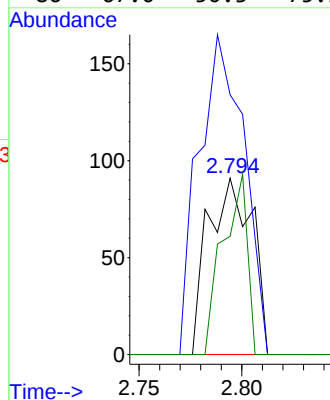
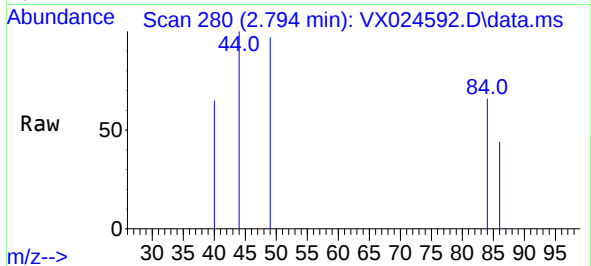


#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX024592.D
Acq: 06 Oct 2021 00:38

Instrument :
MSVOA_X
ClientSampled :
GW-1

Tgt Ion: 84 Resp: 136

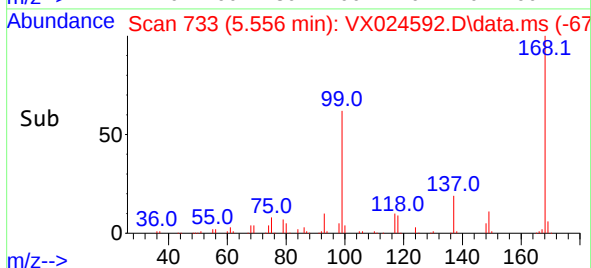
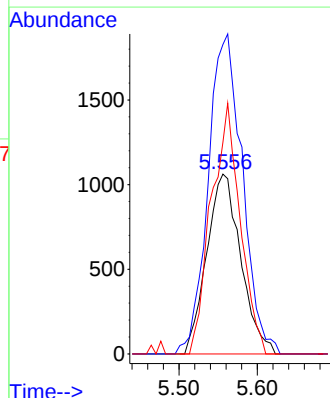
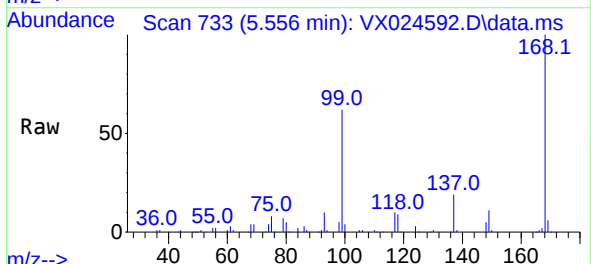
Ion	Ratio	Lower	Upper
84	100		
49	147.3	88.6	132.8#
51	0.0	27.0	40.6#
86	67.0	50.3	75.5

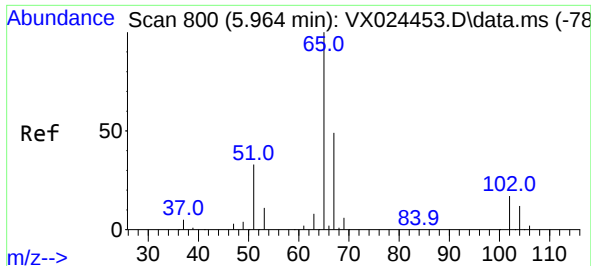


#31
Cyclohexane
Concen: 1.314 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024592.D
Acq: 06 Oct 2021 00:38

Tgt Ion: 56 Resp: 3213

Ion	Ratio	Lower	Upper
56	100		
69	172.1	25.3	37.9#
84	117.7	71.4	107.0#



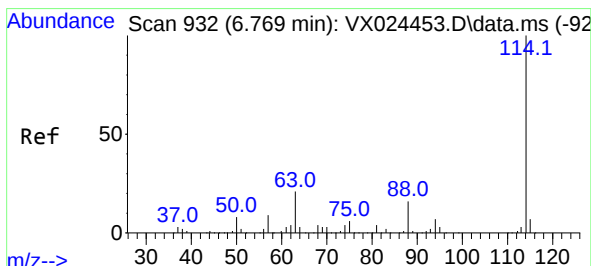
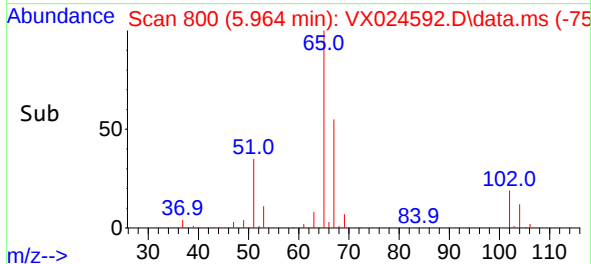
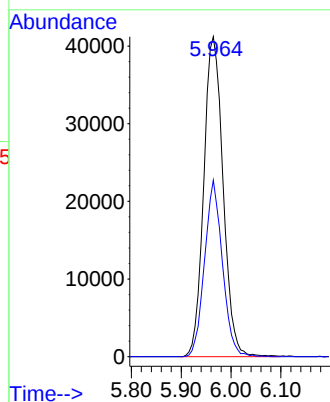
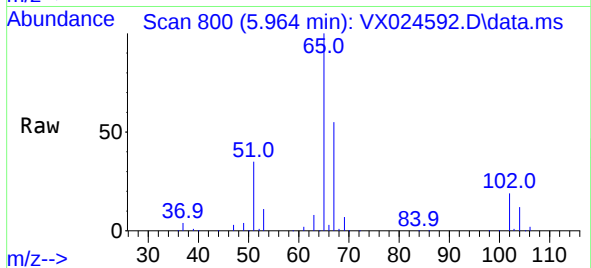


#33

1,2-Dichloroethane-d4
Concen: 54.300 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024592.D
Acq: 06 Oct 2021 00:38

Instrument :
MSVOA_X
ClientSampled :
GW-1

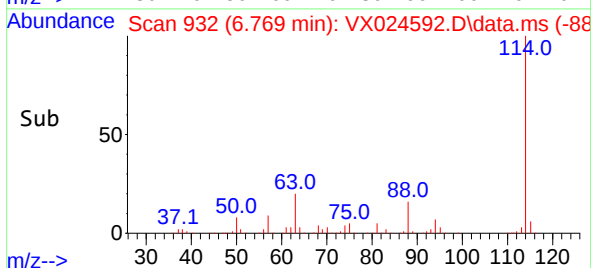
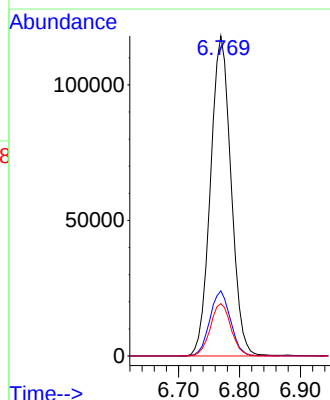
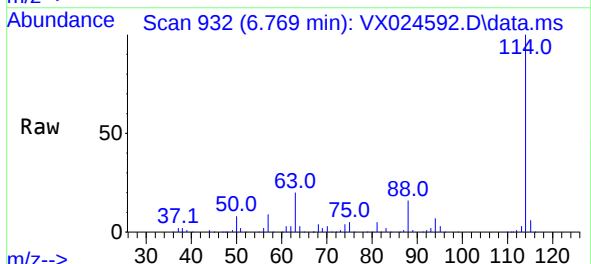
Tgt Ion: 65 Resp: 110892
Ion Ratio Lower Upper
65 100
67 51.0 0.0 105.4

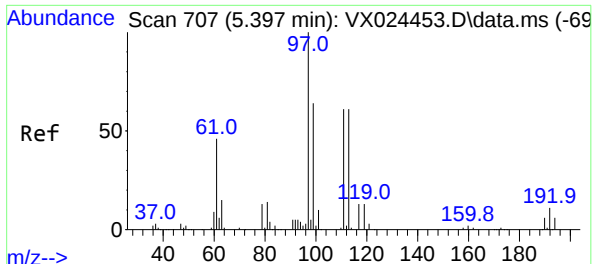


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024592.D
Acq: 06 Oct 2021 00:38

Tgt Ion: 114 Resp: 276596
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 16.4 0.0 32.8



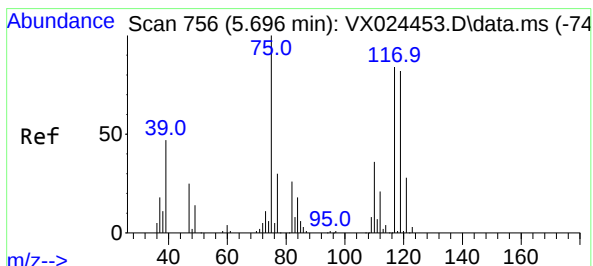
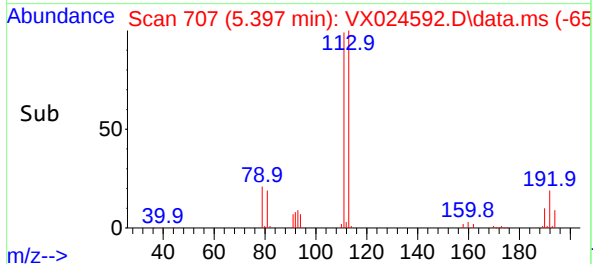
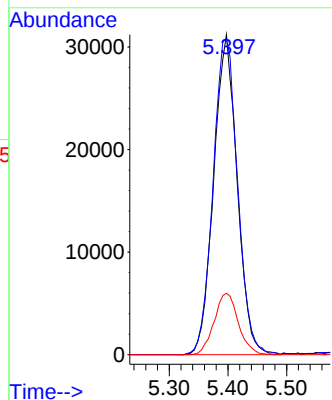
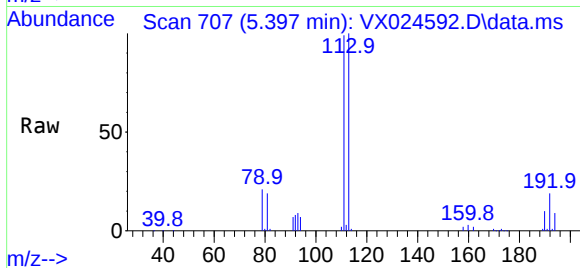


#35
Dibromofluoromethane
Concen: 46.960 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024592.D
Acq: 06 Oct 2021 00:38

Instrument :
MSVOA_X
ClientSampled :
GW-1

Tgt Ion:113 Resp: 86288

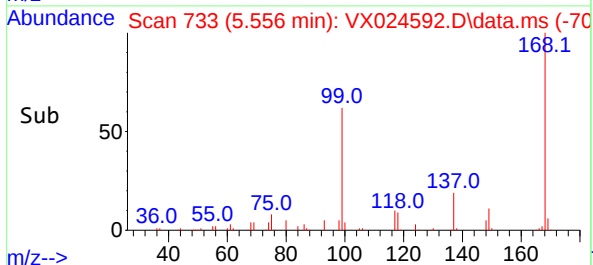
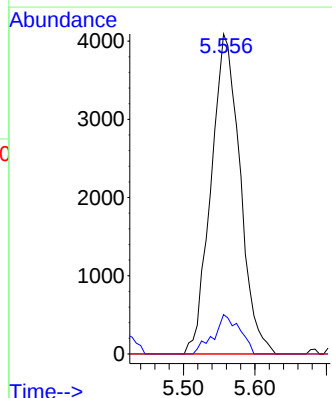
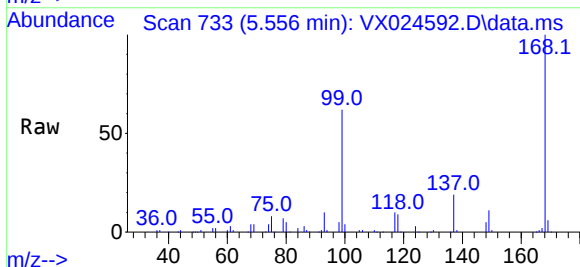
Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.9	122.9
192	19.8	16.7	25.1

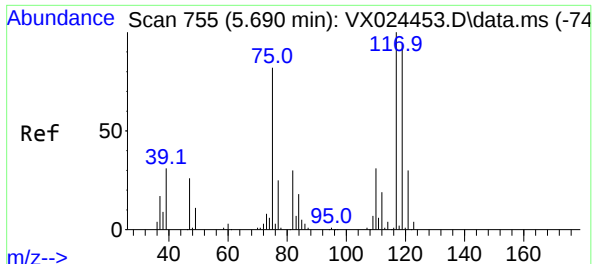


#36
1,1-Dichloropropene
Concen: 4.351 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX024592.D
Acq: 06 Oct 2021 00:38

Tgt Ion: 75 Resp: 11537

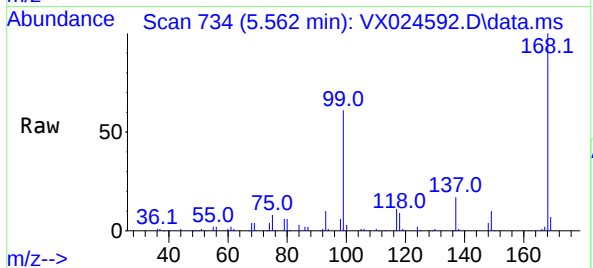
Ion	Ratio	Lower	Upper
75	100		
110	11.0	18.1	54.4#
77	0.0	25.3	37.9#



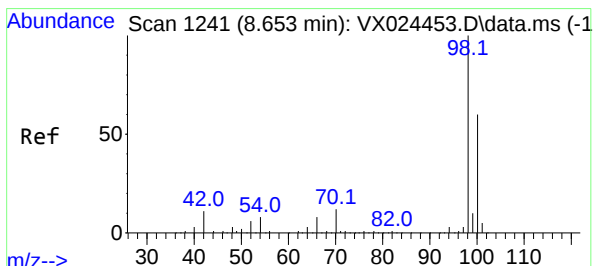
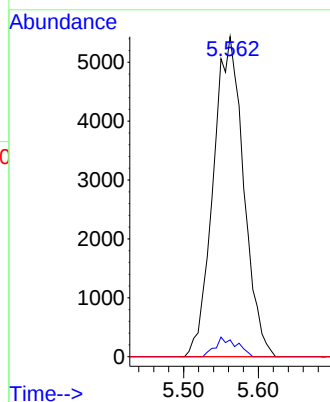
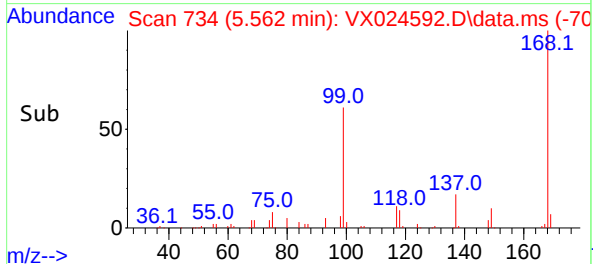


#38
Carbon Tetrachloride
Concen: 5.329 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024592.D
Acq: 06 Oct 2021 00:38

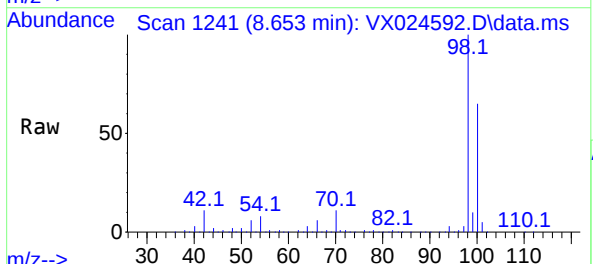
Instrument :
MSVOA_X
ClientSampled :
GW-1



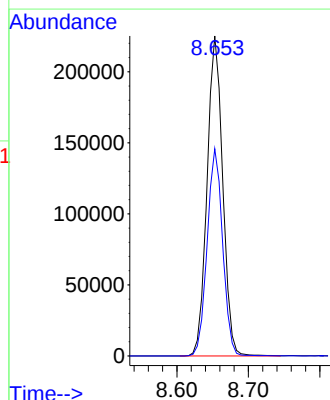
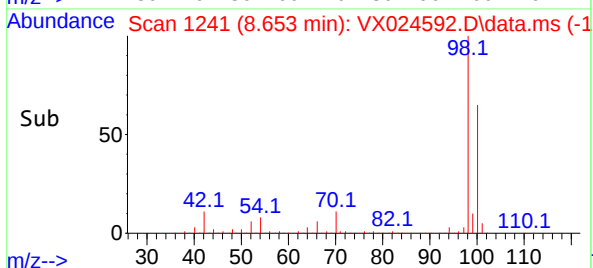
Tgt Ion:117 Resp: 15382
Ion Ratio Lower Upper
117 100
119 5.3 76.2 114.2#
121 0.0 24.8 37.2#

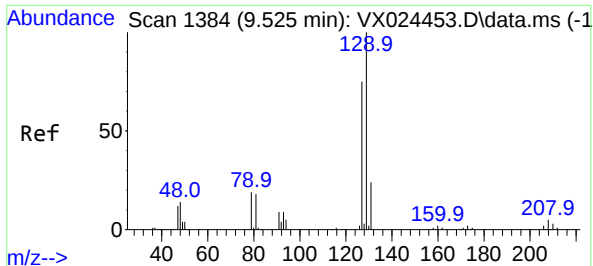


#50
Toluene-d8
Concen: 50.647 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024592.D
Acq: 06 Oct 2021 00:38



Tgt Ion: 98 Resp: 342527
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9

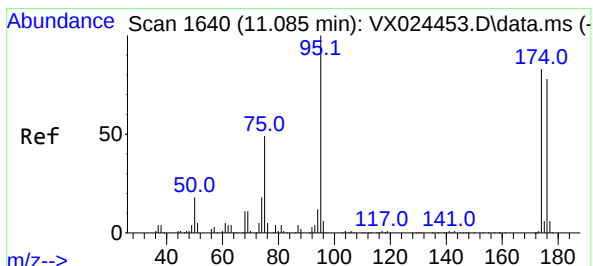
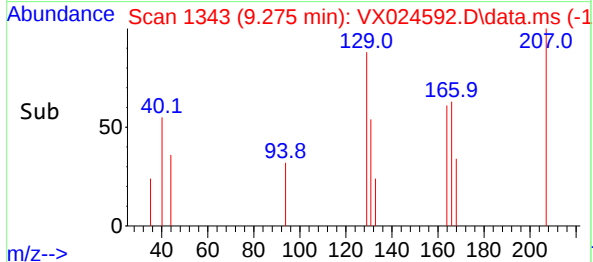
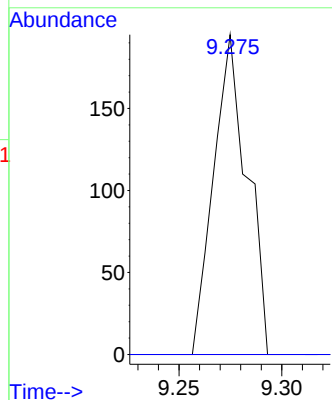
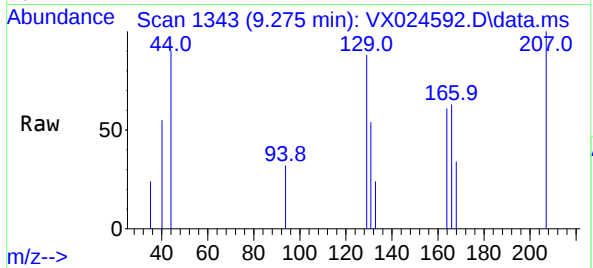




#60
Dibromochloromethane
Concen: 1.281 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX024592.D
Acq: 06 Oct 2021 00:38

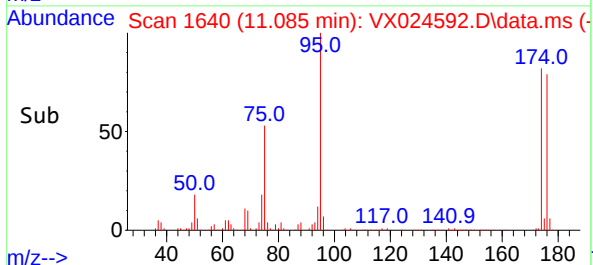
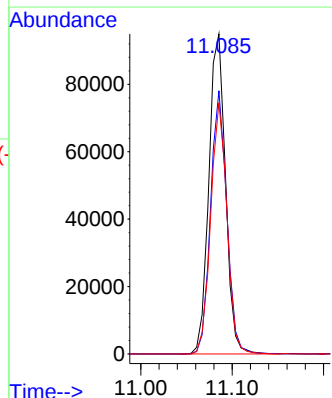
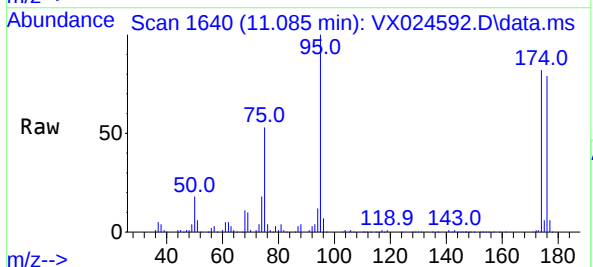
Instrument :
MSVOA_X
ClientSampled :
GW-1

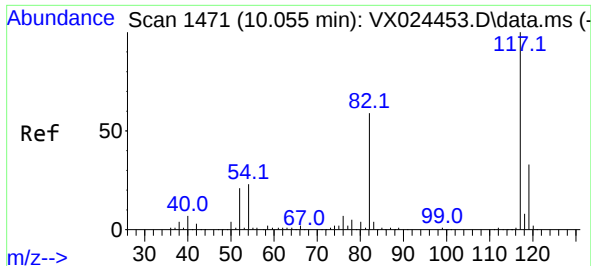
Tgt Ion:129 Resp: 221
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 45.025 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024592.D
Acq: 06 Oct 2021 00:38

Tgt Ion: 95 Resp: 119725
Ion Ratio Lower Upper
95 100
174 80.2 0.0 154.6
176 76.8 0.0 155.8

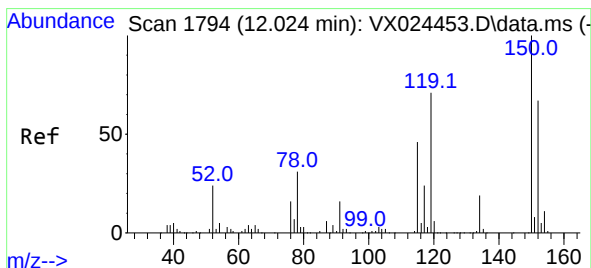
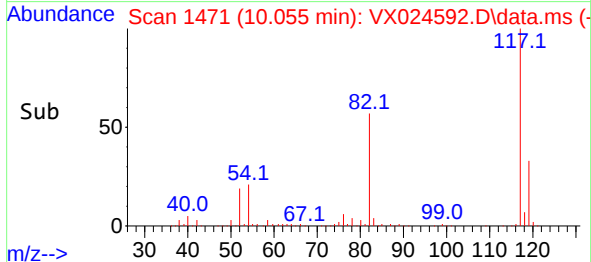
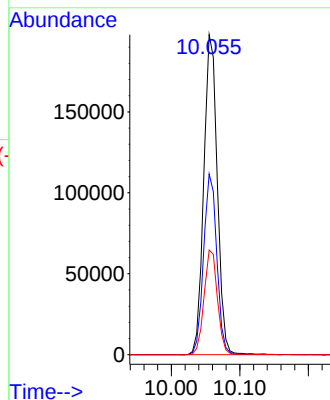
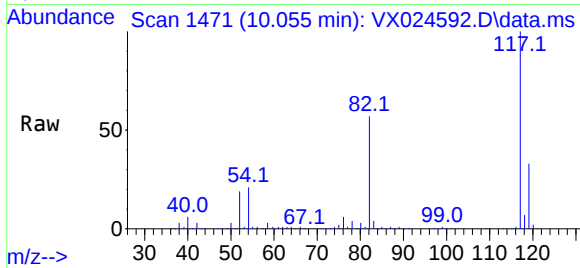




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024592.D
Acq: 06 Oct 2021 00:38

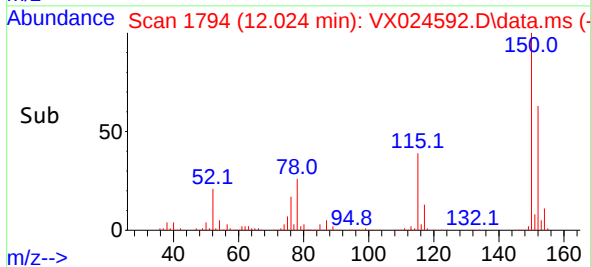
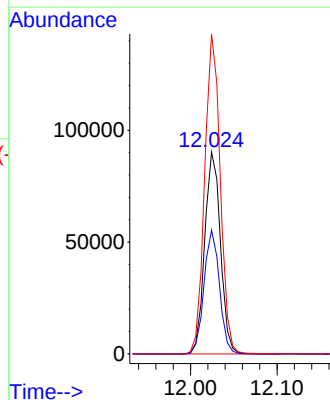
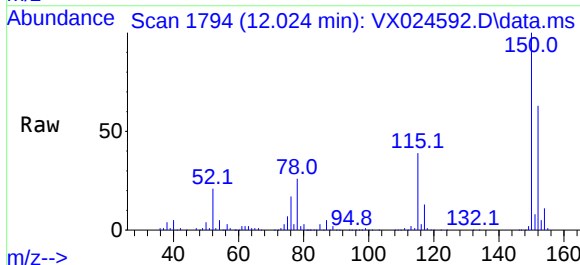
Instrument :
MSVOA_X
ClientSampled :
GW-1

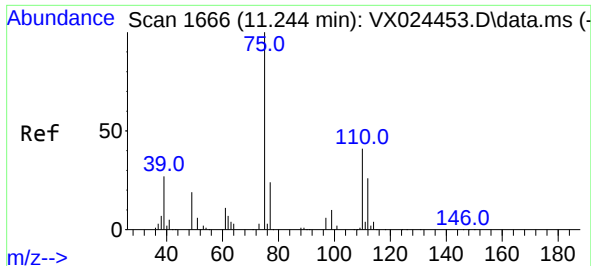
Tgt Ion:117 Resp: 271685
Ion Ratio Lower Upper
117 100
82 56.5 47.4 71.2
119 32.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024592.D
Acq: 06 Oct 2021 00:38

Tgt Ion:152 Resp: 113862
Ion Ratio Lower Upper
152 100
115 60.3 41.1 123.3
150 156.9 0.0 349.0

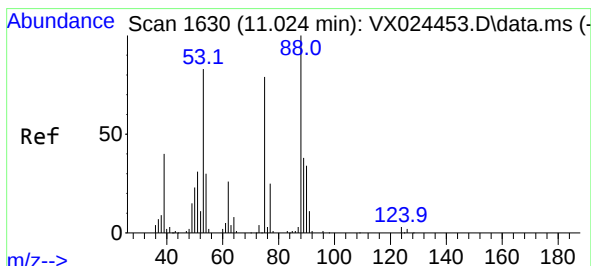
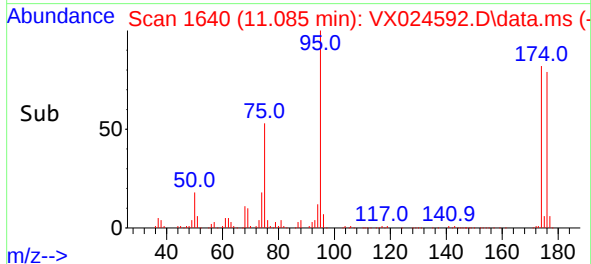
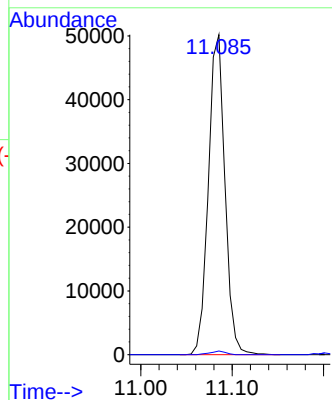
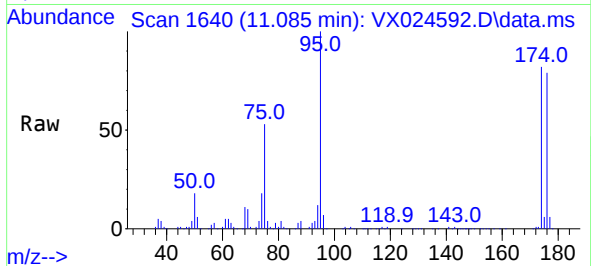




#76
1,2,3-Trichloropropane
Concen: 24.359 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024592.D
Acq: 06 Oct 2021 00:38

Instrument :
MSVOA_X
ClientSampled :
GW-1

Tgt Ion: 75 Resp: 62987
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.477 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024592.D
Acq: 06 Oct 2021 00:38

Tgt Ion: 75 Resp: 62987
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

