

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100521\
 Data File : VX024593.D
 Acq On : 06 Oct 2021 01:01
 Operator : JC/MD
 Sample : M4028-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-2

Quant Time: Oct 06 06:52:57 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)

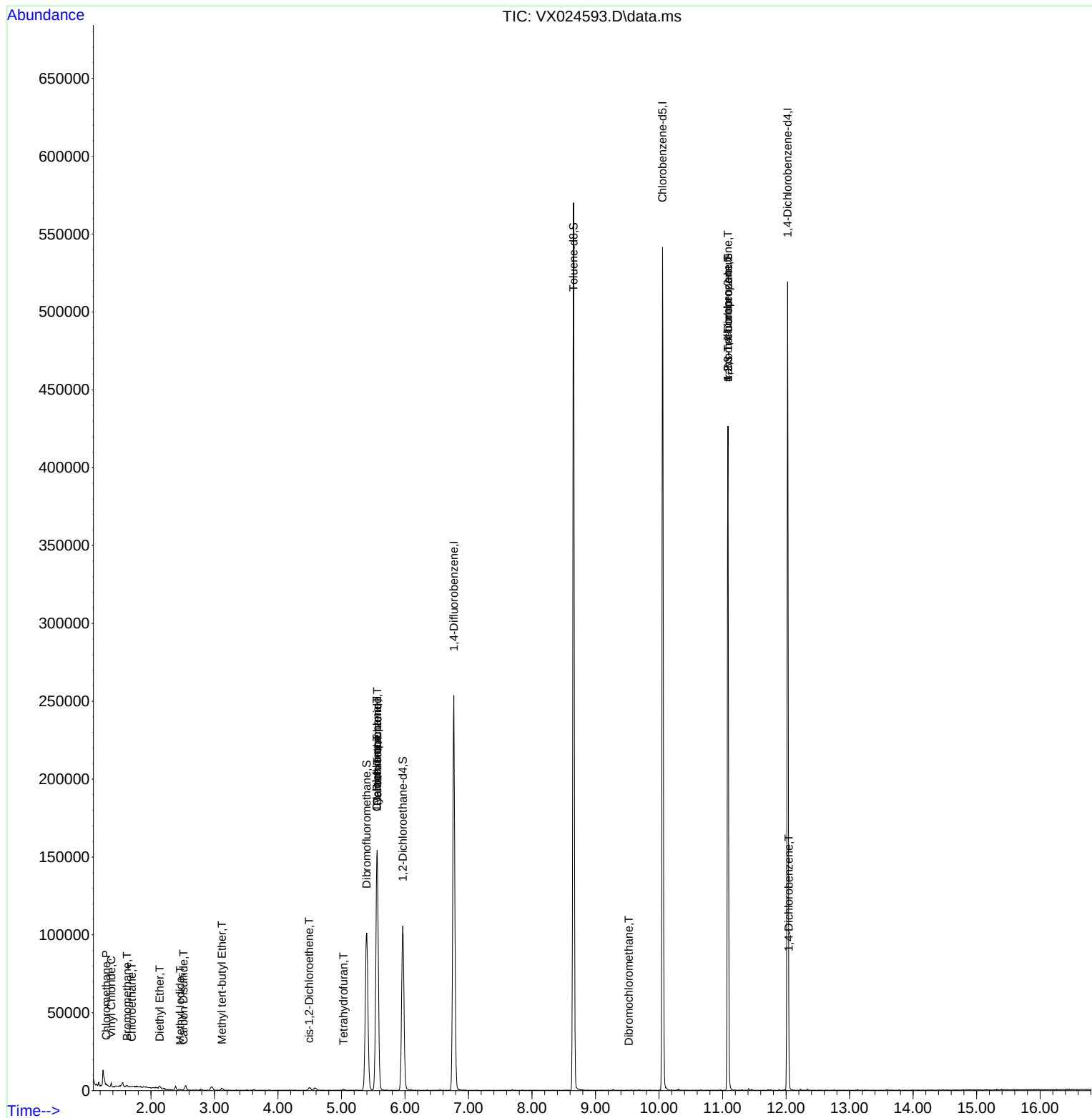
Internal Standards						
1) Pentafluorobenzene	5.562	168	139408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	238386	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	238865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107588	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	106189	54.046	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.100%
35) Dibromofluoromethane	5.397	113	89165	56.303	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	112.600%
50) Toluene-d8	8.653	98	327599	56.204	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	112.400%#
62) 4-Bromofluorobenzene	11.085	95	109158	47.631	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.260%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	339	0.256	ug/l	96
4) Vinyl Chloride	1.374	62	1372	0.992	ug/l	92
5) Bromomethane	1.624	94	408	0.438	ug/l	89
6) Chloroethane	1.697	64	230	0.507	ug/l #	85
8) Diethyl Ether	2.136	74	398	0.479	ug/l #	38
10) Methyl Iodide	2.459	142	691	0.359	ug/l	98
11) Tert butyl alcohol	2.971	59	2273	Below Cal	#	77
16) Acetone	2.386	43	2362	Below Cal		98
17) Carbon Disulfide	2.514	76	623	0.416	ug/l #	78
19) Methyl tert-butyl Ether	3.117	73	1217	0.253	ug/l	94
20) Methylene Chloride	2.788	84	253	Below Cal	#	85
27) cis-1,2-Dichloroethene	4.489	96	1099	0.648	ug/l	85
29) Tetrahydrofuran	5.032	42	248	0.288	ug/l #	27
31) Cyclohexane	5.556	56	2970	1.262	ug/l #	10
36) 1,1-Dichloropropene	5.556	75	11257	4.926	ug/l #	49
38) Carbon Tetrachloride	5.562	117	14684	5.903	ug/l #	16
60) Dibromochloromethane	9.525	129	19	1.197	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	57845	23.675	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	57845	64.664	ug/l #	12
88) 1,4-Dichlorobenzene	12.043	146	1015	0.264	ug/l #	1

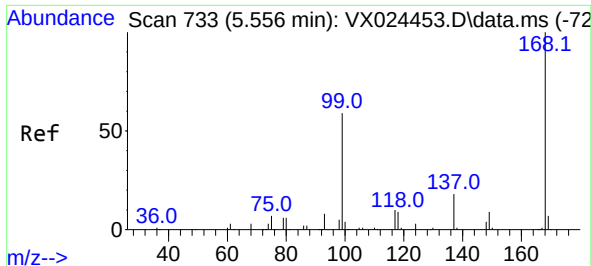
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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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

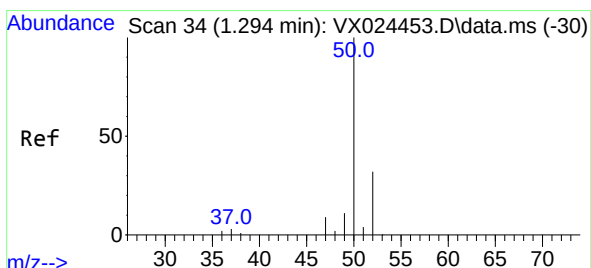
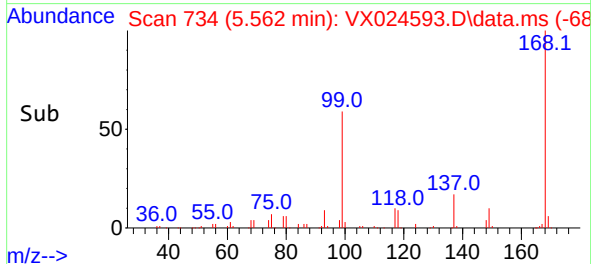
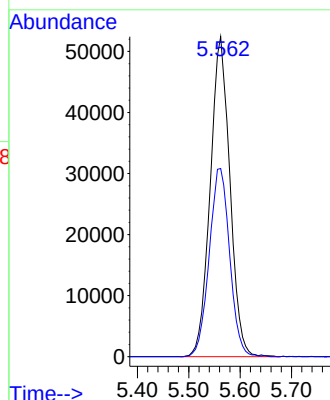
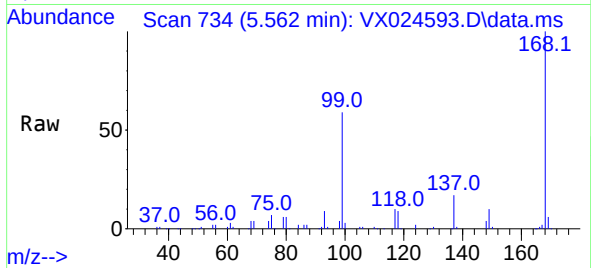




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024593.D
Acq: 06 Oct 2021 01:01

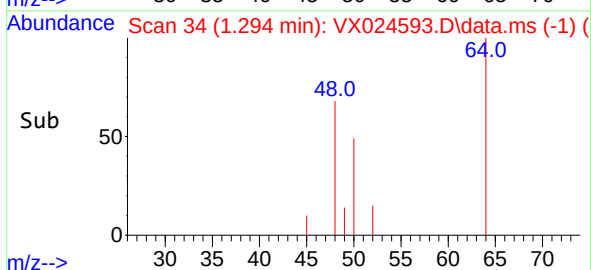
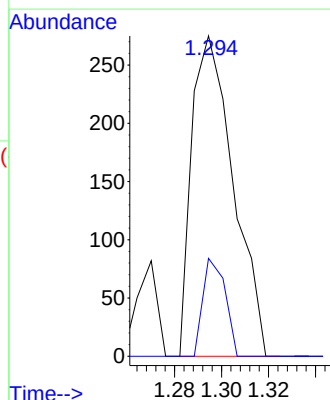
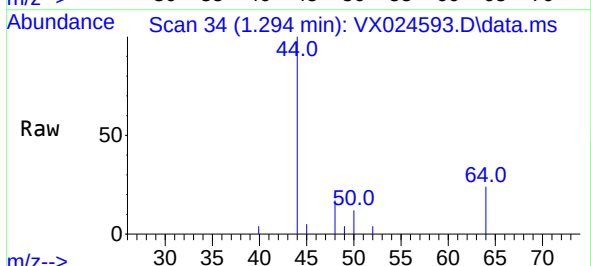
Instrument :
MSVOA_X
ClientSampled :
GW-2

Tgt Ion:168 Resp: 139408
Ion Ratio Lower Upper
168 100
99 58.8 45.8 68.6

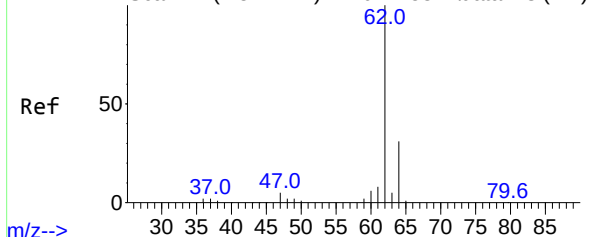


#3
Chloromethane
Concen: 0.256 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024593.D
Acq: 06 Oct 2021 01:01

Tgt Ion: 50 Resp: 339
Ion Ratio Lower Upper
50 100
52 30.5 26.4 39.6



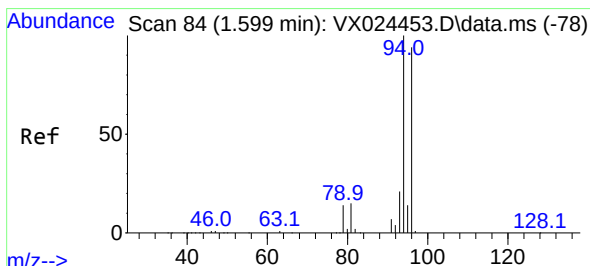
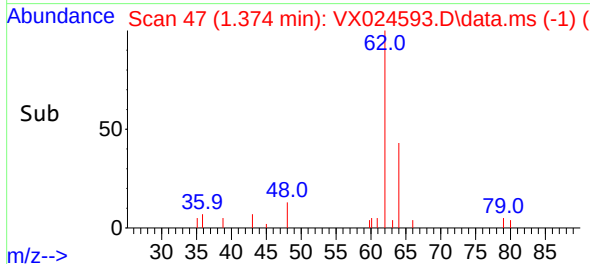
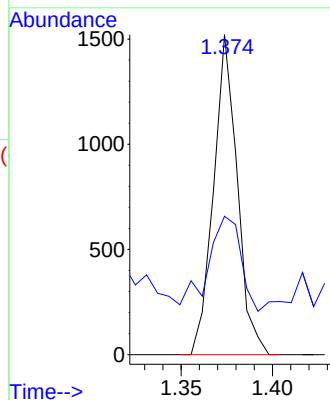
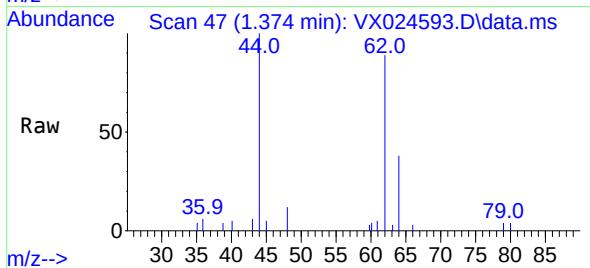
Abundance Scan 47 (1.374 min): VX024453.D\data.ms (-42)



#4
Vinyl Chloride
Concen: 0.992 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX024593.D
Acq: 06 Oct 2021 01:01

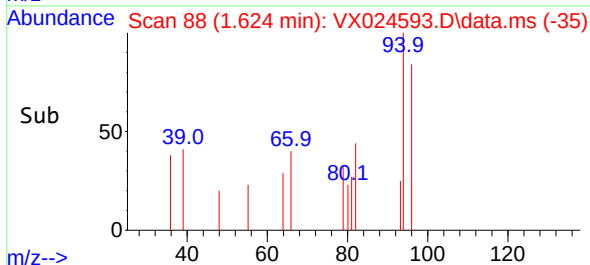
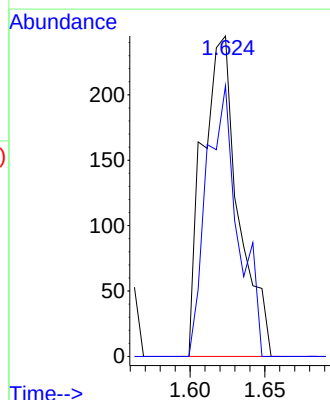
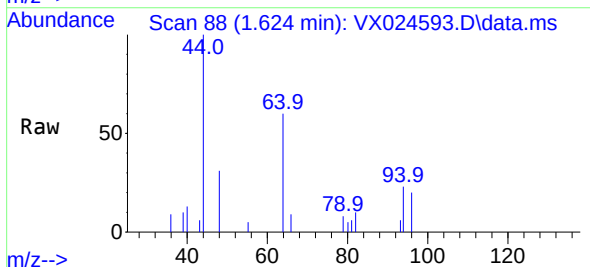
Instrument :
MSVOA_X
ClientSampled :
GW-2

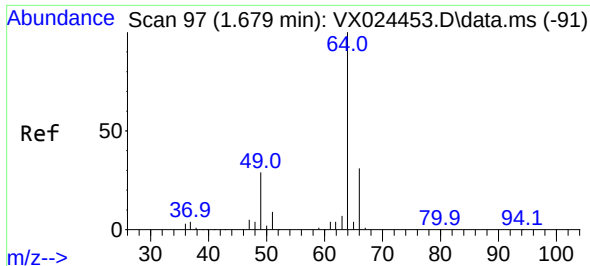
Tgt Ion: 62 Resp: 1372
Ion Ratio Lower Upper
62 100
64 27.7 25.7 38.5



#5
Bromomethane
Concen: 0.438 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX024593.D
Acq: 06 Oct 2021 01:01

Tgt Ion: 94 Resp: 408
Ion Ratio Lower Upper
94 100
96 84.5 76.4 114.6

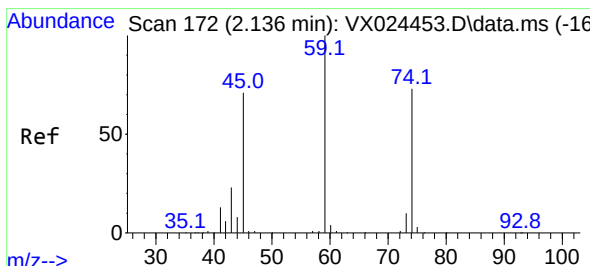
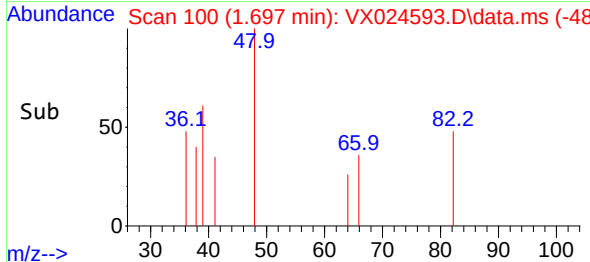
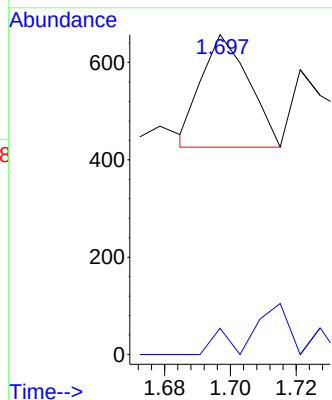
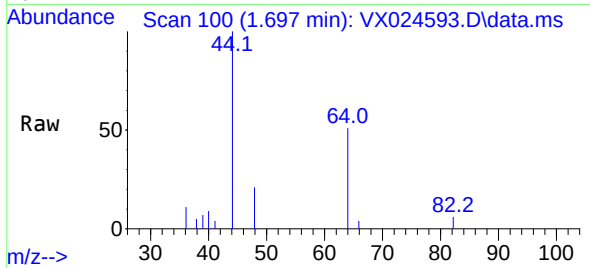




#6
Chloroethane
Concen: 0.507 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.018 min
Lab File: VX024593.D
Acq: 06 Oct 2021 01:01

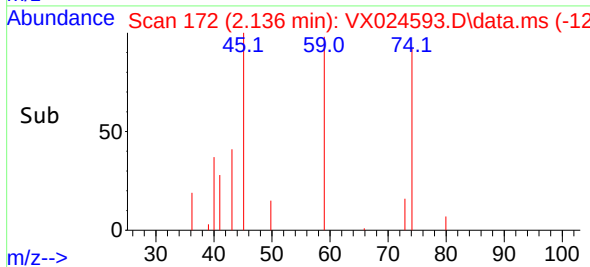
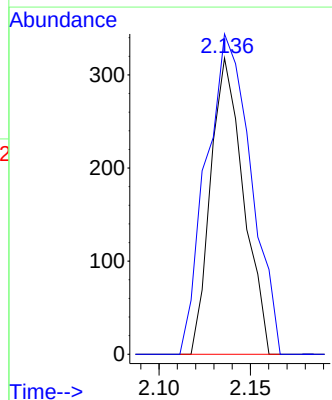
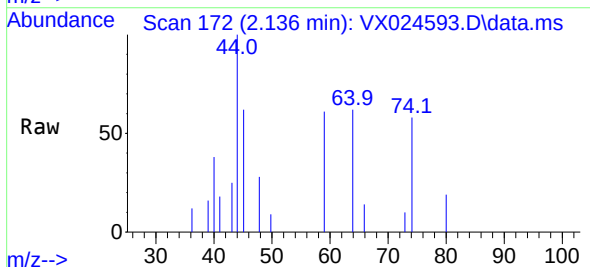
Instrument :
MSVOA_X
ClientSampled :
GW-2

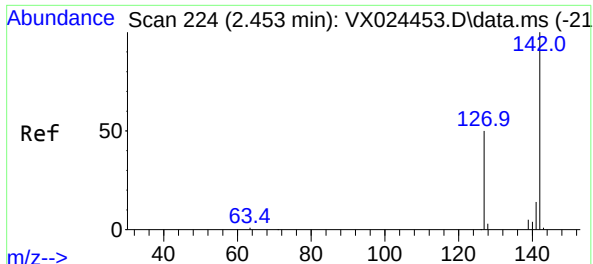
Tgt Ion: 64 Resp: 230
Ion Ratio Lower Upper
64 100
66 23.4 25.4 38.0#



#8
Diethyl Ether
Concen: 0.479 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX024593.D
Acq: 06 Oct 2021 01:01

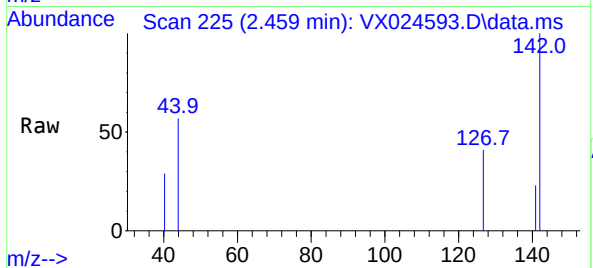
Tgt Ion: 74 Resp: 398
Ion Ratio Lower Upper
74 100
45 147.0 44.5 133.5#



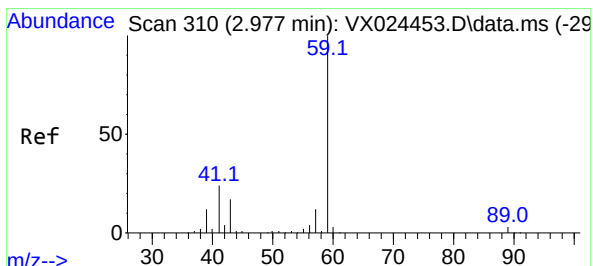
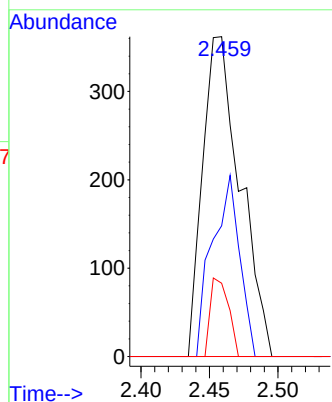
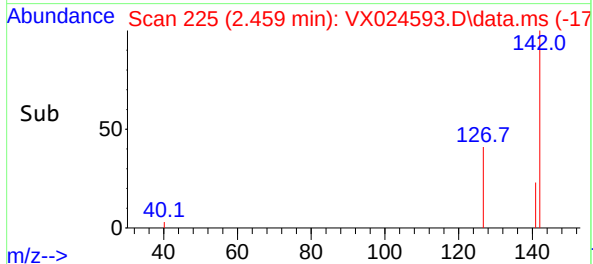


#10
Methyl Iodide
Concen: 0.359 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024593.D
Acq: 06 Oct 2021 01:01

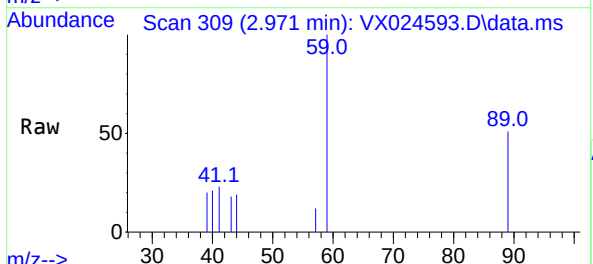
Instrument :
MSVOA_X
ClientSampled :
GW-2



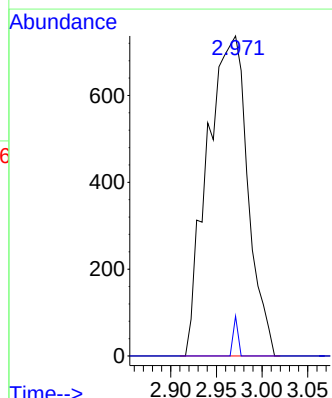
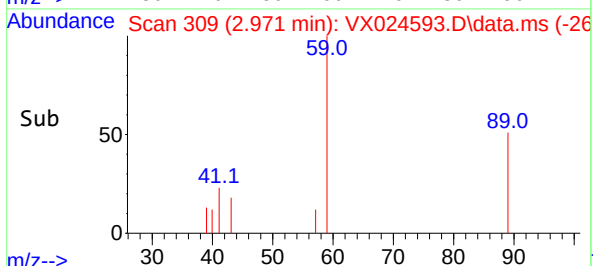
Tgt Ion:142 Resp: 691
Ion Ratio Lower Upper
142 100
127 41.2 33.3 49.9
141 11.9 11.4 17.0

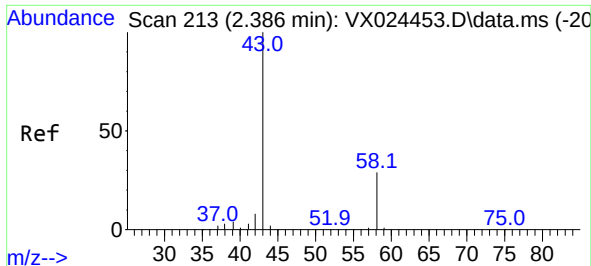


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX024593.D
Acq: 06 Oct 2021 01:01



Tgt Ion: 59 Resp: 2273
Ion Ratio Lower Upper
59 100
57 1.5 7.8 11.8#

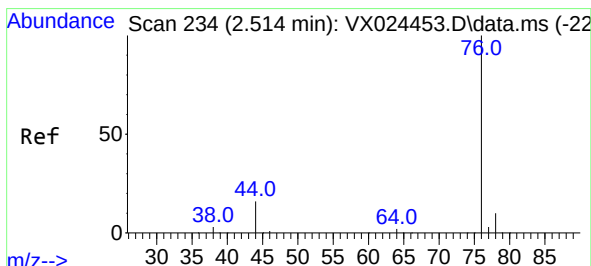
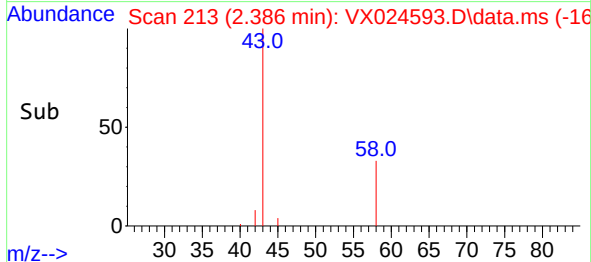
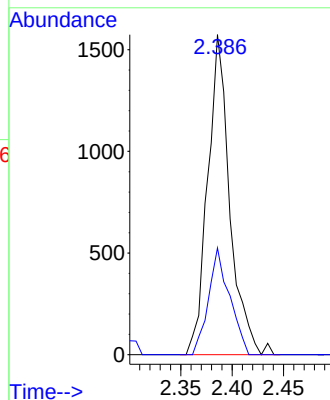
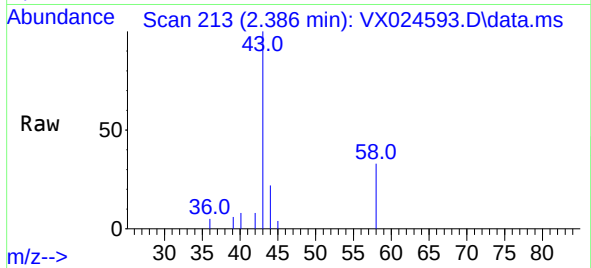




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024593.D
Acq: 06 Oct 2021 01:01

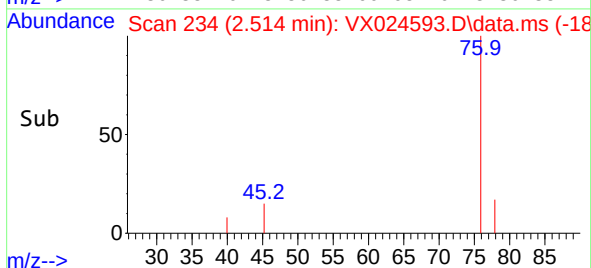
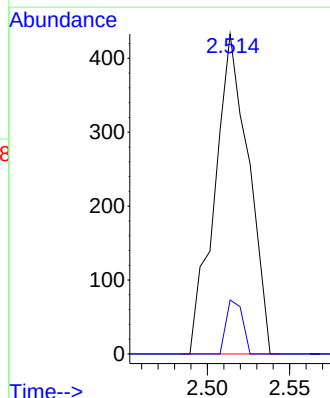
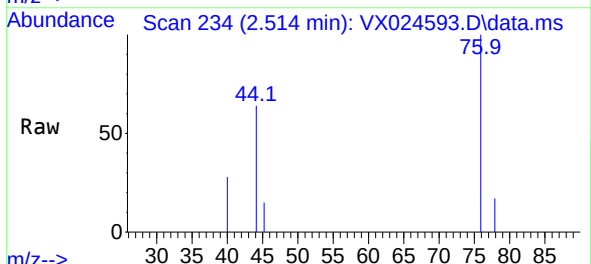
Instrument :
MSVOA_X
ClientSampled :
GW-2

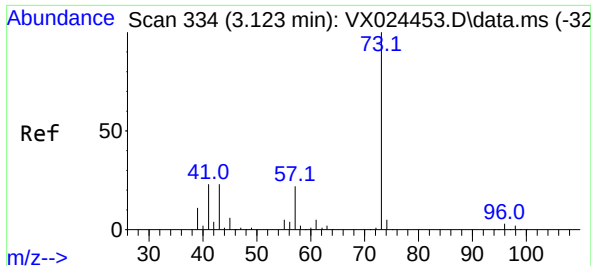
Tgt Ion: 43 Resp: 2362
Ion Ratio Lower Upper
43 100
58 33.4 27.8 41.8



#17
Carbon Disulfide
Concen: 0.416 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024593.D
Acq: 06 Oct 2021 01:01

Tgt Ion: 76 Resp: 623
Ion Ratio Lower Upper
76 100
78 16.9 7.2 10.8#

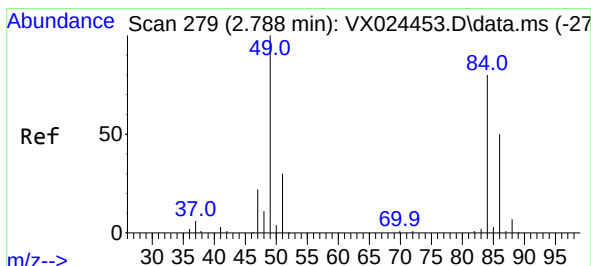
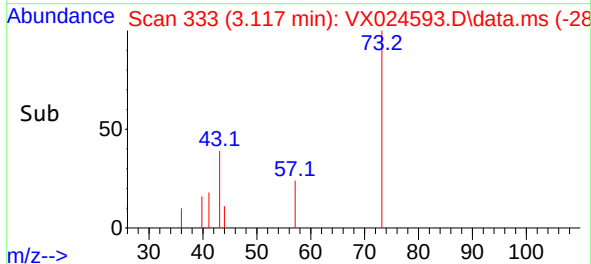
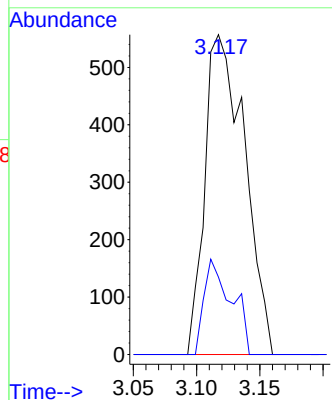
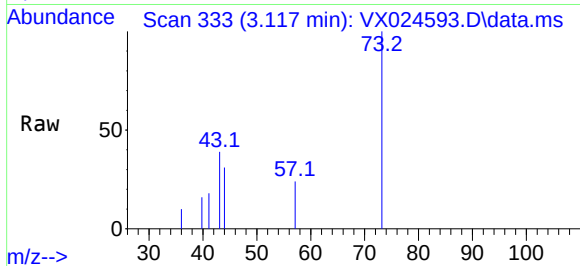




#19
Methyl tert-butyl Ether
Concen: 0.253 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.006 min
Lab File: VX024593.D
Acq: 06 Oct 2021 01:01

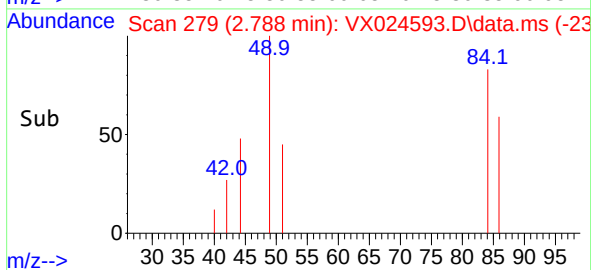
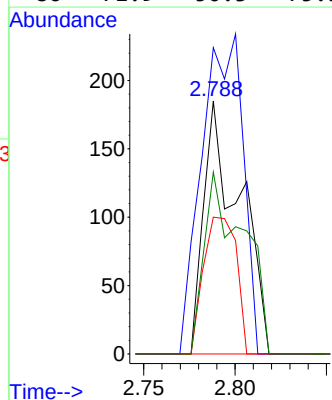
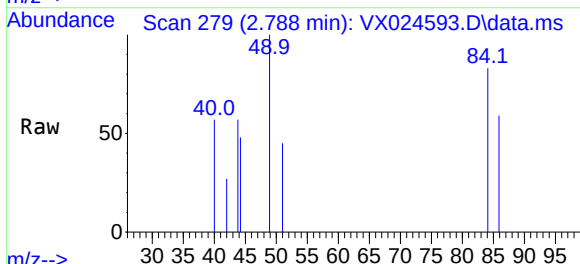
Instrument :
MSVOA_X
ClientSampled :
GW-2

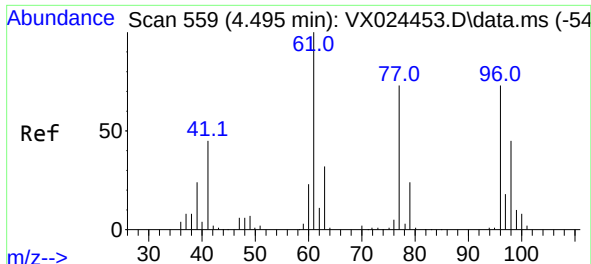
Tgt Ion: 73 Resp: 1217
Ion Ratio Lower Upper
73 100
57 24.2 17.1 25.7



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX024593.D
Acq: 06 Oct 2021 01:01

Tgt Ion: 84 Resp: 253
Ion Ratio Lower Upper
84 100
49 121.1 88.6 132.8
51 54.1 27.0 40.6#
86 71.9 50.3 75.5



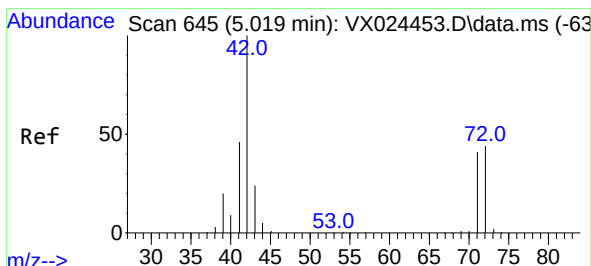
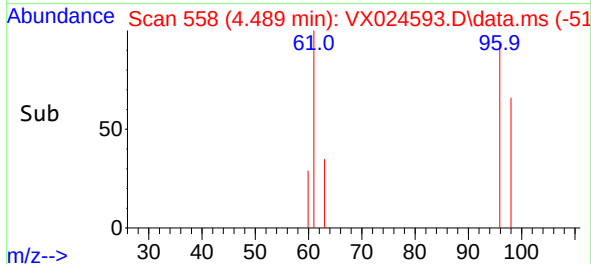
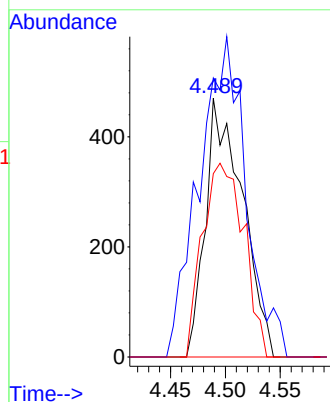
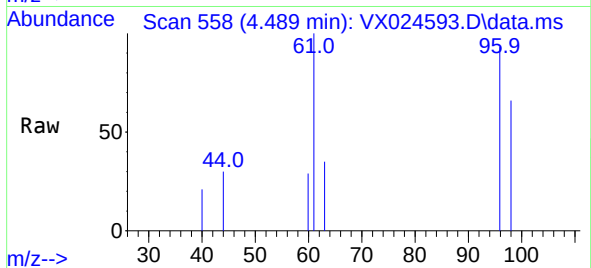


#27
cis-1,2-Dichloroethene
Concen: 0.648 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX024593.D
Acq: 06 Oct 2021 01:01

Instrument :
MSVOA_X
ClientSampled :
GW-2

Tgt Ion: 96 Resp: 1099

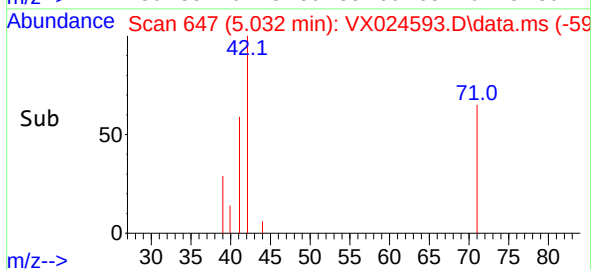
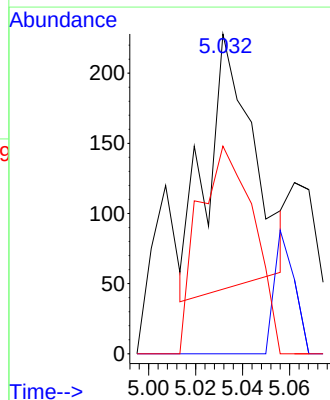
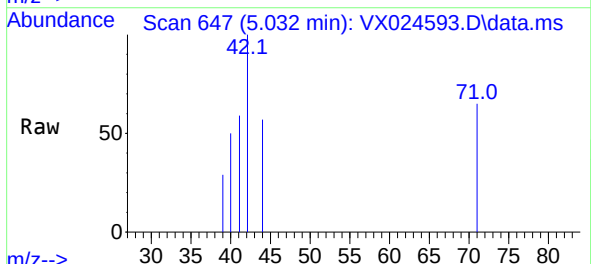
Ion	Ratio	Lower	Upper
96	100		
61	156.5	0.0	285.6
98	83.9	0.0	129.6

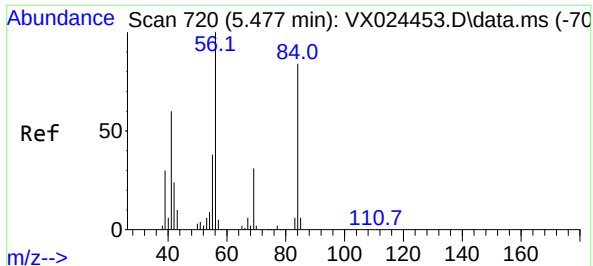


#29
Tetrahydrofuran
Concen: 0.288 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.013 min
Lab File: VX024593.D
Acq: 06 Oct 2021 01:01

Tgt Ion: 42 Resp: 248

Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	97.2	38.4	57.6#

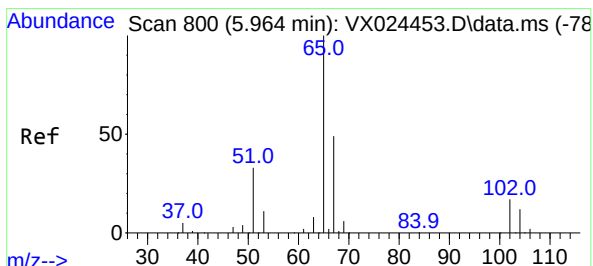
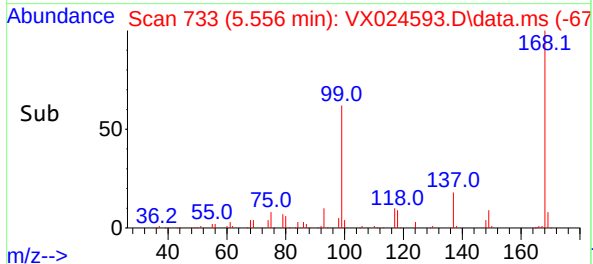
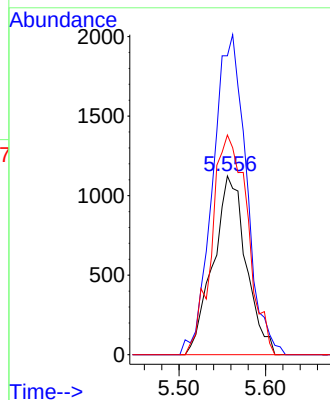
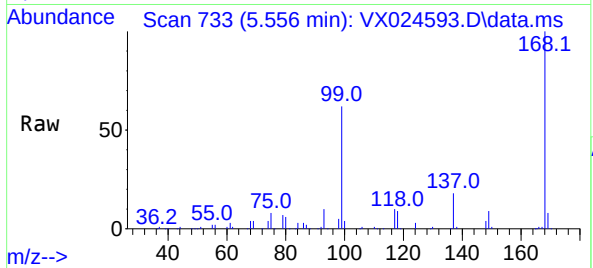




#31
Cyclohexane
Concen: 1.262 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024593.D
Acq: 06 Oct 2021 01:01

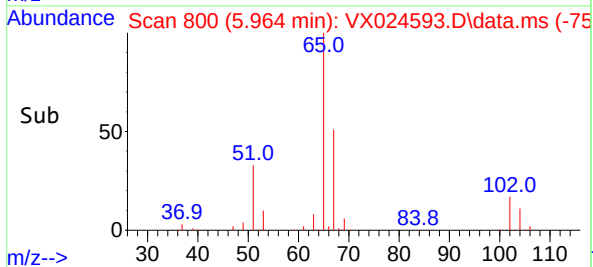
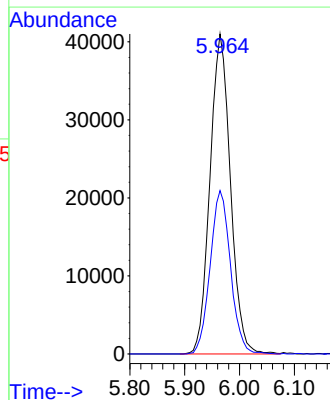
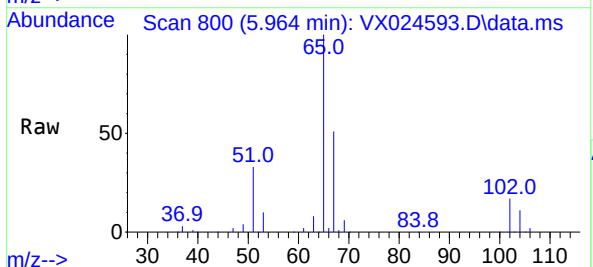
Instrument :
MSVOA_X
ClientSampled :
GW-2

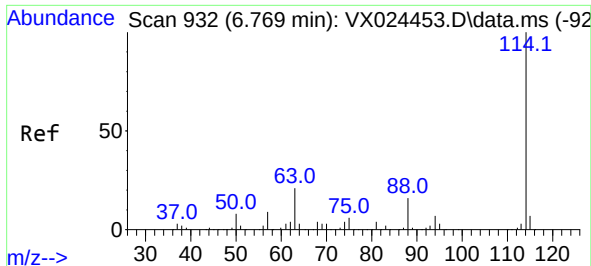
Tgt Ion: 56 Resp: 2970
Ion Ratio Lower Upper
56 100
69 167.2 25.3 37.9#
84 122.9 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 54.046 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024593.D
Acq: 06 Oct 2021 01:01

Tgt Ion: 65 Resp: 106189
Ion Ratio Lower Upper
65 100
67 50.9 0.0 105.4

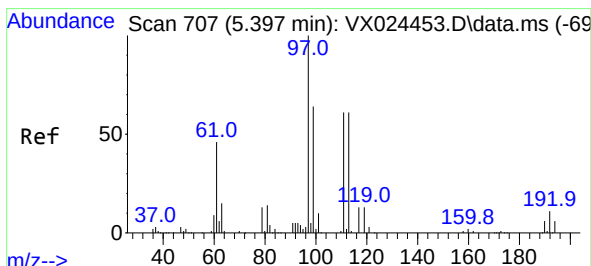
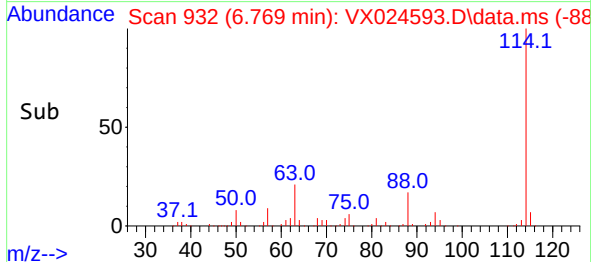
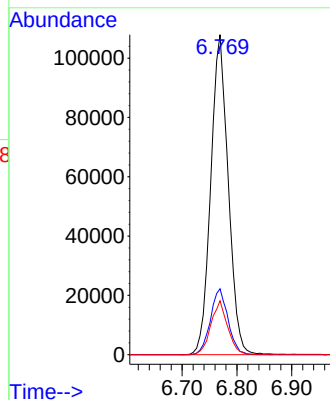
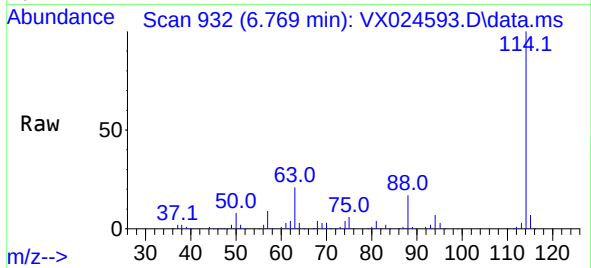




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024593.D
Acq: 06 Oct 2021 01:01

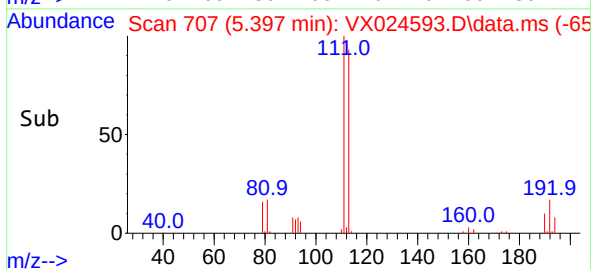
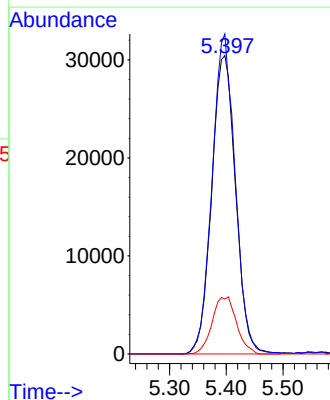
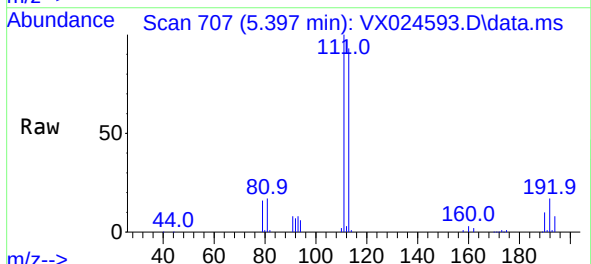
Instrument :
MSVOA_X
ClientSampled :
GW-2

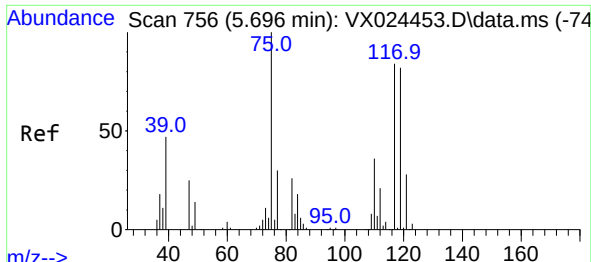
Tgt Ion:114 Resp: 238386
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 16.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 56.303 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024593.D
Acq: 06 Oct 2021 01:01

Tgt Ion:113 Resp: 89165
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 19.5 16.7 25.1

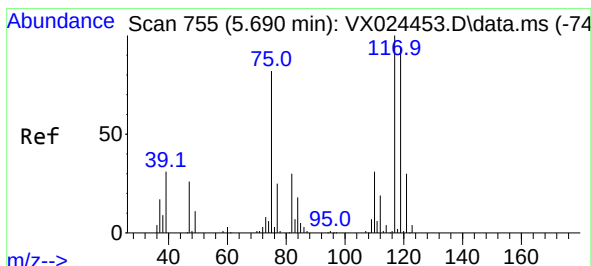
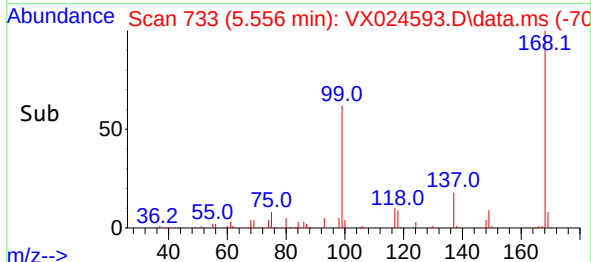
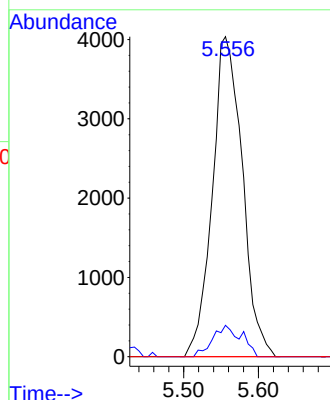
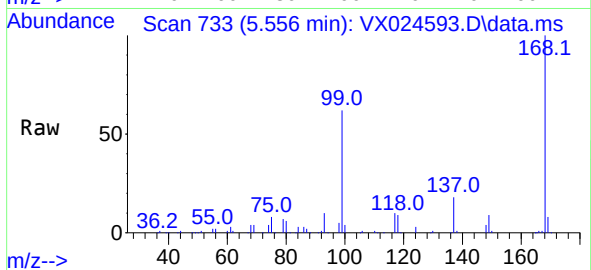




#36
1,1-Dichloropropene
Concen: 4.926 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX024593.D
Acq: 06 Oct 2021 01:01

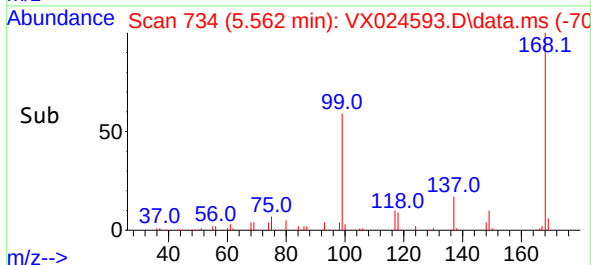
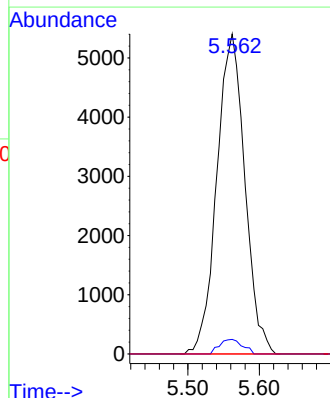
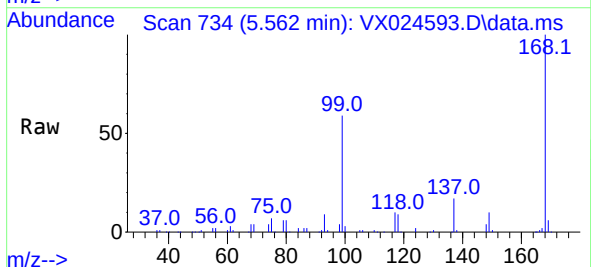
Instrument :
MSVOA_X
ClientSampled :
GW-2

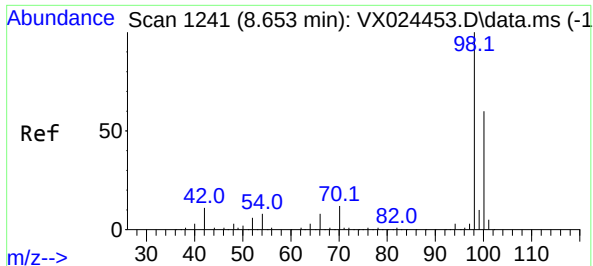
Tgt Ion: 75 Resp: 11257
Ion Ratio Lower Upper
75 100
110 9.4 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.903 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024593.D
Acq: 06 Oct 2021 01:01

Tgt Ion: 117 Resp: 14684
Ion Ratio Lower Upper
117 100
119 4.6 76.2 114.2#
121 0.0 24.8 37.2#

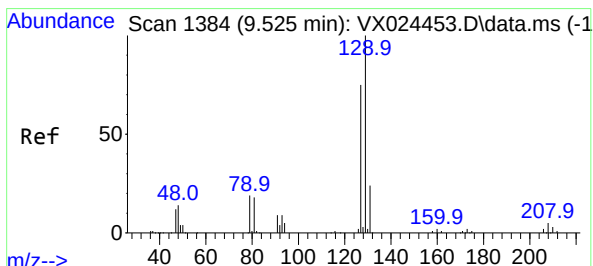
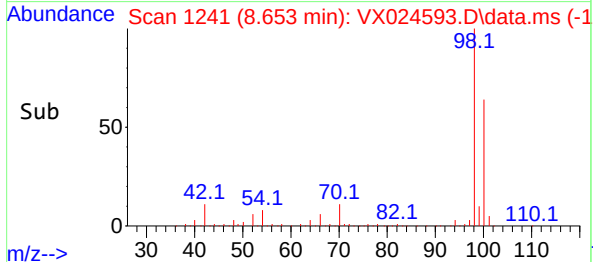
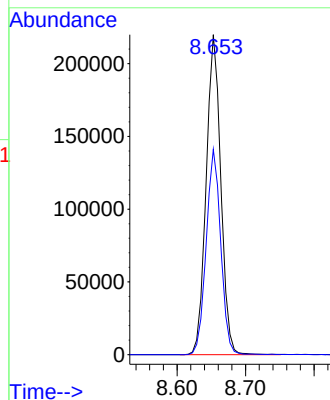
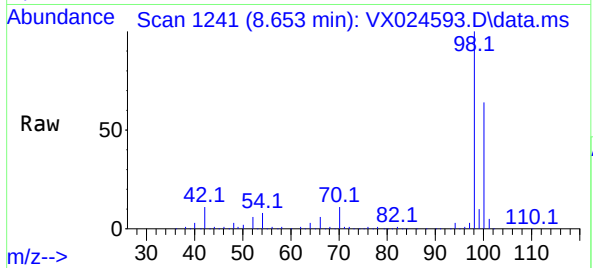




#50
Toluene-d8
Concen: 56.204 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024593.D
Acq: 06 Oct 2021 01:01

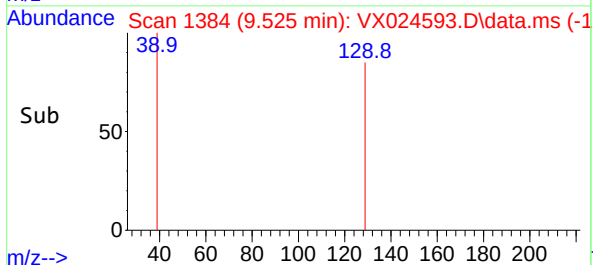
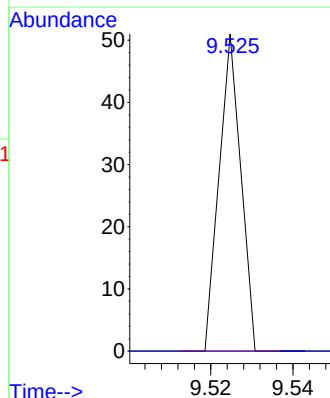
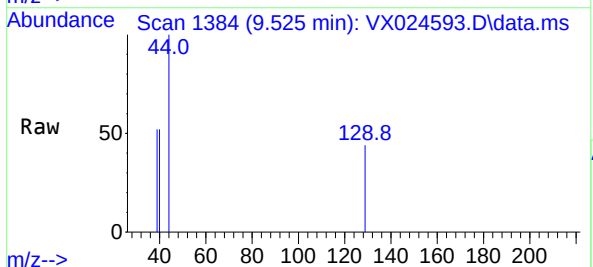
Instrument :
MSVOA_X
ClientSampled :
GW-2

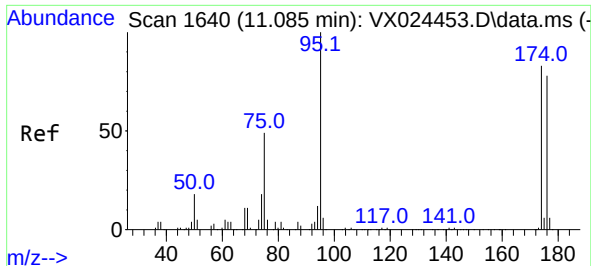
Tgt Ion: 98 Resp: 327599
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9



#60
Dibromochloromethane
Concen: 1.197 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX024593.D
Acq: 06 Oct 2021 01:01

Tgt Ion: 129 Resp: 19
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

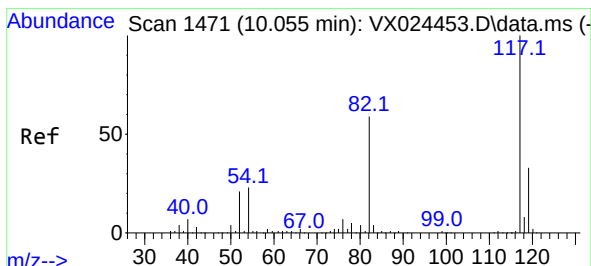
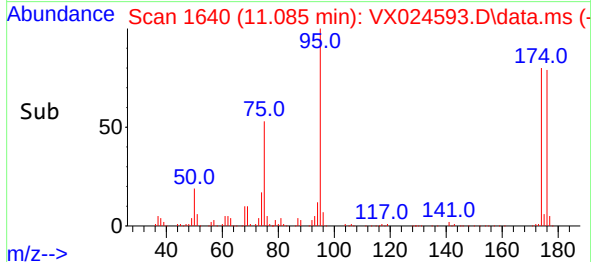
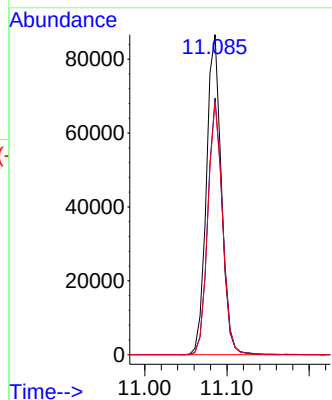
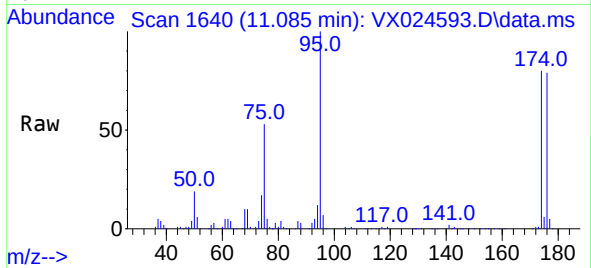




#62
4-Bromofluorobenzene
Concen: 47.631 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024593.D
Acq: 06 Oct 2021 01:01

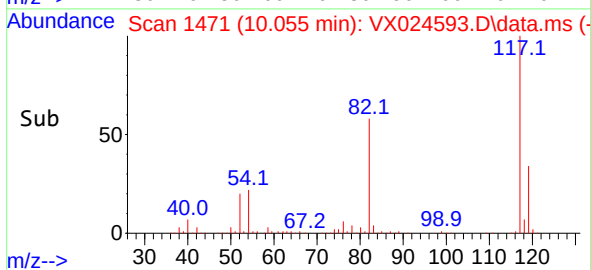
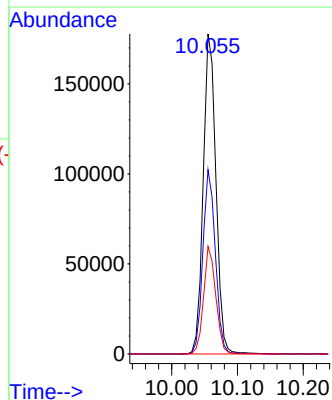
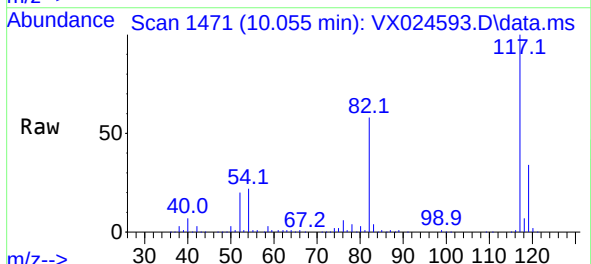
Instrument :
MSVOA_X
ClientSampled :
GW-2

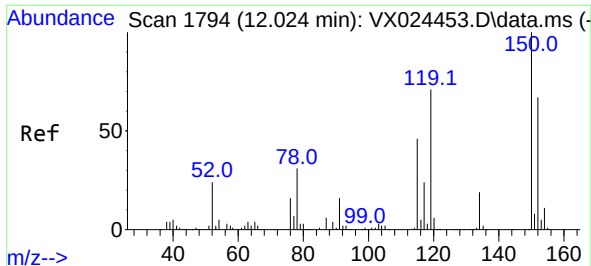
Tgt Ion: 95 Resp: 109158
Ion Ratio Lower Upper
95 100
174 78.7 0.0 154.6
176 77.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024593.D
Acq: 06 Oct 2021 01:01

Tgt Ion: 117 Resp: 238865
Ion Ratio Lower Upper
117 100
82 57.6 47.4 71.2
119 33.6 26.6 39.8

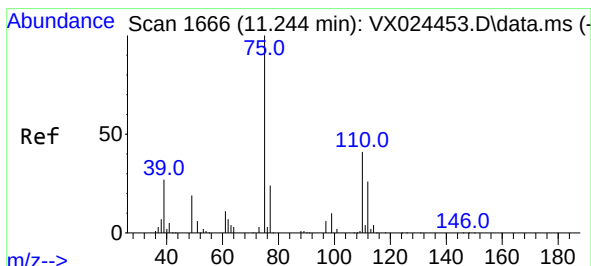
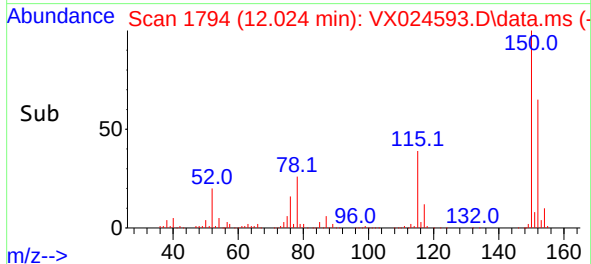
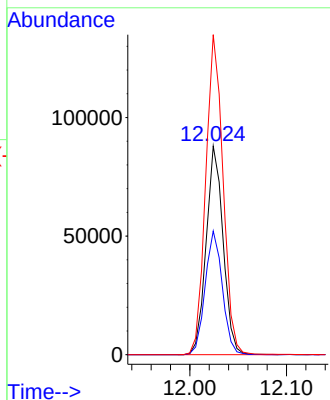
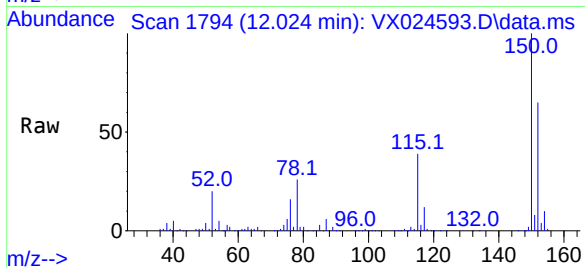




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024593.D
Acq: 06 Oct 2021 01:01

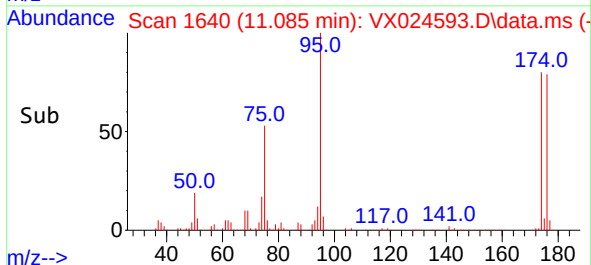
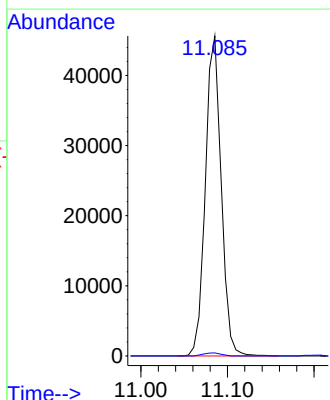
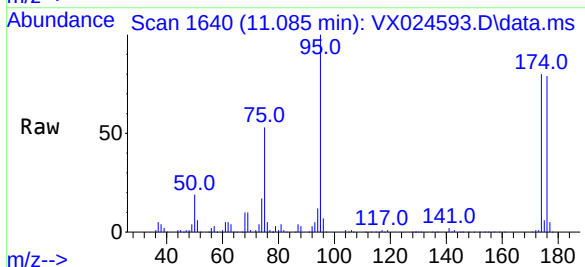
Instrument :
MSVOA_X
ClientSampled :
GW-2

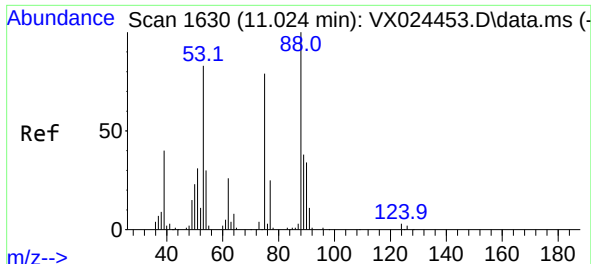
Tgt Ion:152 Resp: 107588
Ion Ratio Lower Upper
152 100
115 60.0 41.1 123.3
150 156.5 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 23.675 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024593.D
Acq: 06 Oct 2021 01:01

Tgt Ion: 75 Resp: 57845
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#

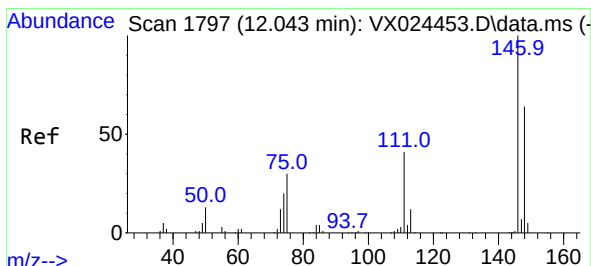
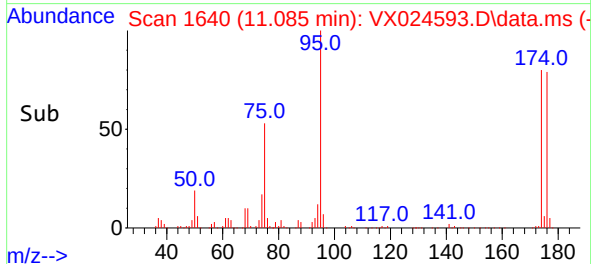
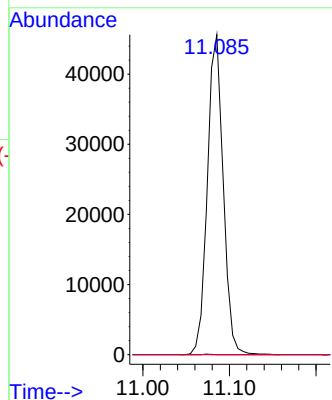
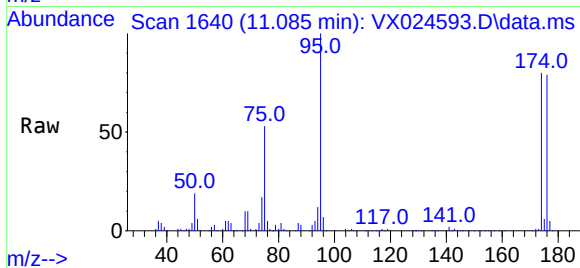




#81
trans-1,4-Dichloro-2-butene
Concen: 64.664 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024593.D
Acq: 06 Oct 2021 01:01

Instrument :
MSVOA_X
ClientSampleId :
GW-2

Tgt Ion: 75 Resp: 57845
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#88
1,4-Dichlorobenzene
Concen: 0.264 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX024593.D
Acq: 06 Oct 2021 01:01

Tgt Ion:146 Resp: 1015
Ion Ratio Lower Upper
146 100
111 187.8 19.6 58.8#
148 72.5 31.6 95.0

