

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090321\
 Data File : VX024092.D
 Acq On : 03 Sep 2021 09:56
 Operator : JC/MD
 Sample : VX0903WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 03 13:43:53 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)

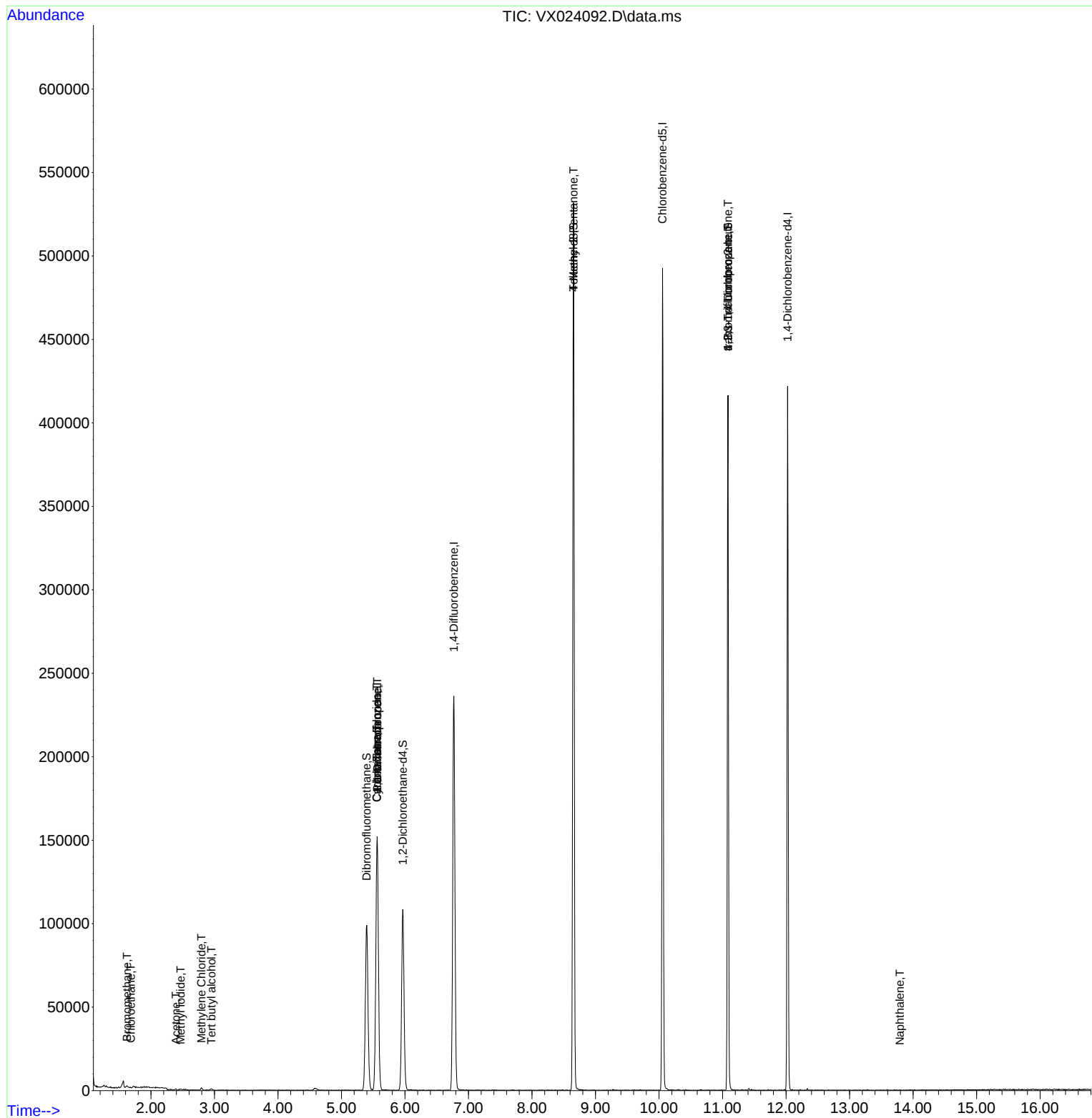
Internal Standards						
1) Pentafluorobenzene	5.562	168	141565	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	237594	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84317	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	108221	54.773	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 109.540%		
35) Dibromofluoromethane	5.397	113	83199	52.906	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 105.820%		
50) Toluene-d8	8.653	98	302886	50.605	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 101.200%		
62) 4-Bromofluorobenzene	11.085	95	103529	46.987	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 93.980%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	717	0.713	ug/l #	47
6) Chloroethane	1.685	64	124	2.306	ug/l #	43
10) Methyl Iodide	2.465	142	673	0.340	ug/l #	89
11) Tert butyl alcohol	2.953	59	500	1.251	ug/l #	73
16) Acetone	2.392	43	700	0.792	ug/l #	88
20) Methylene Chloride	2.794	84	523	0.310	ug/l #	73
31) Cyclohexane	5.556	56	3238	1.276	ug/l #	24
36) 1,1-Dichloropropene	5.562	75	11205	5.092	ug/l #	49
38) Carbon Tetrachloride	5.556	117	15067	6.567	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1459	0.534	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	56026	28.484	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	56026	83.788	ug/l #	12
95) Naphthalene	13.792	128	198	1.314	ug/l #	69

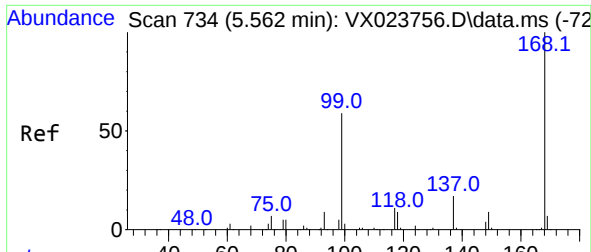
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
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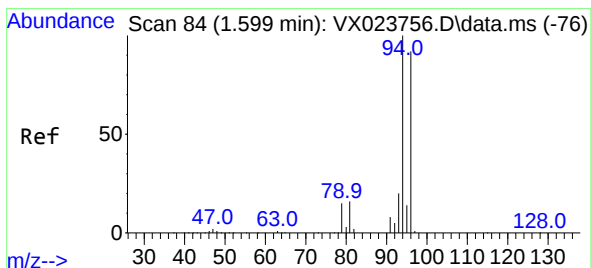
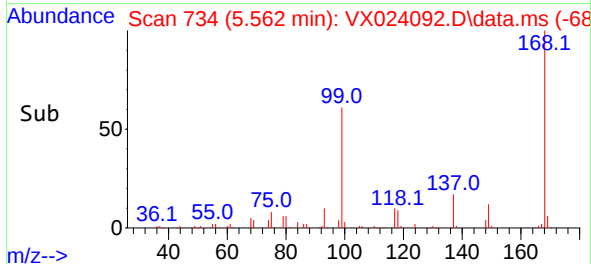
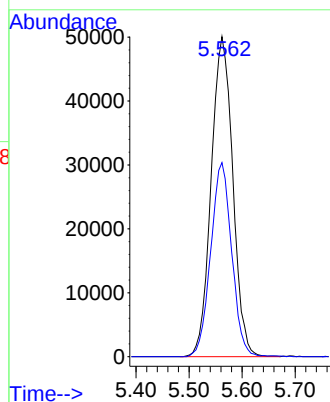
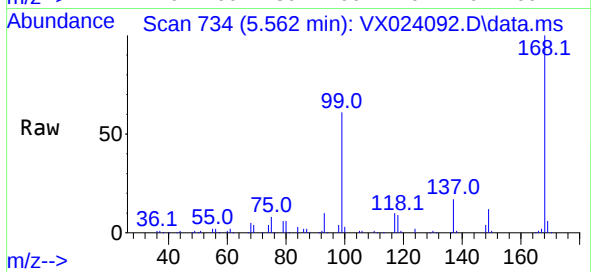




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024092.D
Acq: 03 Sep 2021 09:56

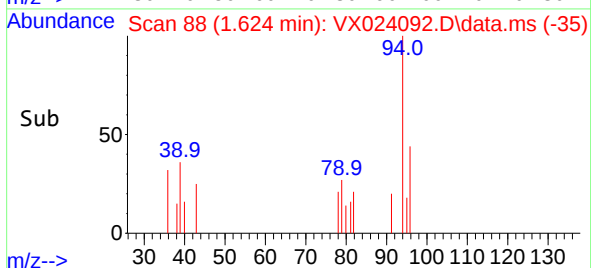
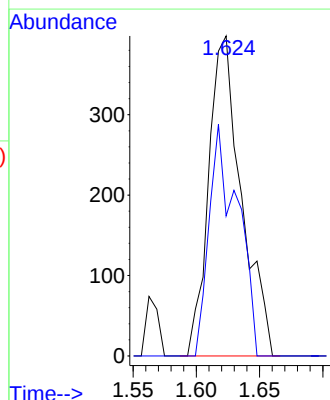
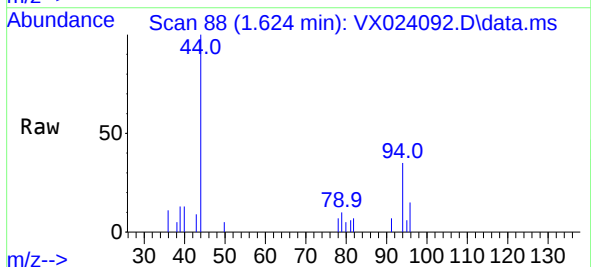
Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:168 Resp: 141565
Ion Ratio Lower Upper
168 100
99 60.7 45.8 68.6

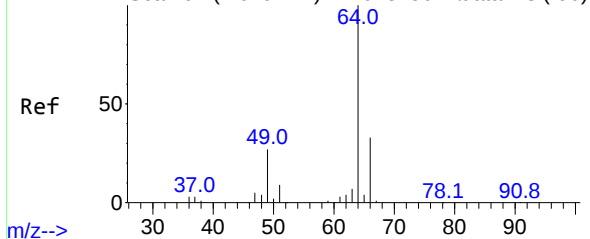


#5
Bromomethane
Concen: 0.713 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX024092.D
Acq: 03 Sep 2021 09:56

Tgt Ion: 94 Resp: 717
Ion Ratio Lower Upper
94 100
96 43.7 76.4 114.6#



Abundance Scan 97 (1.679 min): VX023756.D\data.ms (-90)

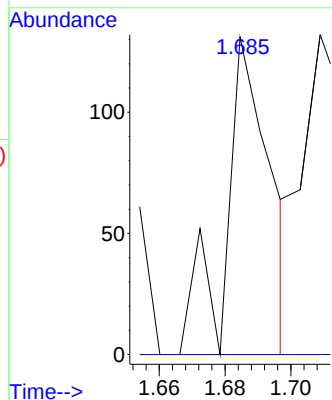
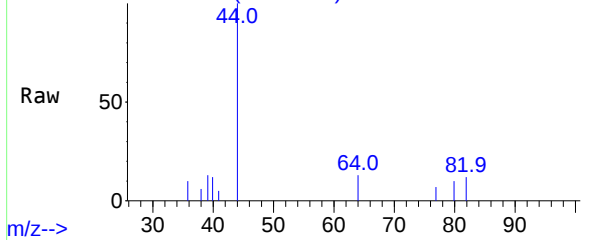


#6
Chloroethane
Concen: 2.306 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX024092.D
Acq: 03 Sep 2021 09:56

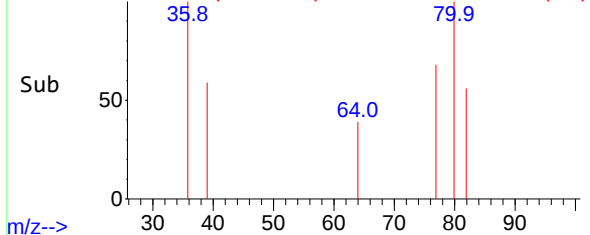
Tgt Ion: 64 Resp: 124
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

Instrument :
MSVOA_X
ClientSampled :

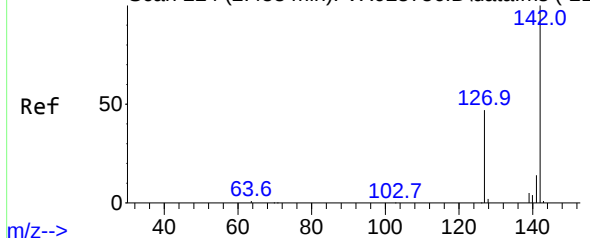
Abundance Scan 98 (1.685 min): VX024092.D\data.ms



Abundance Scan 98 (1.685 min): VX024092.D\data.ms (-48)



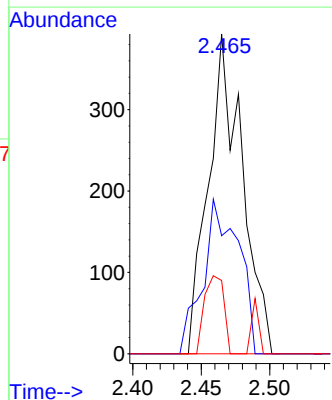
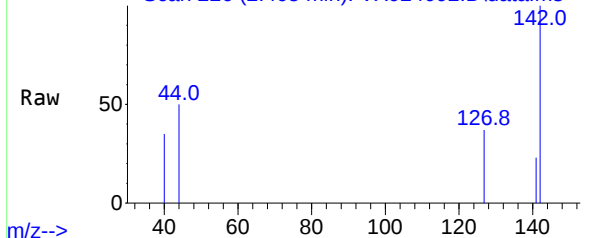
Abundance Scan 224 (2.453 min): VX023756.D\data.ms (-21)



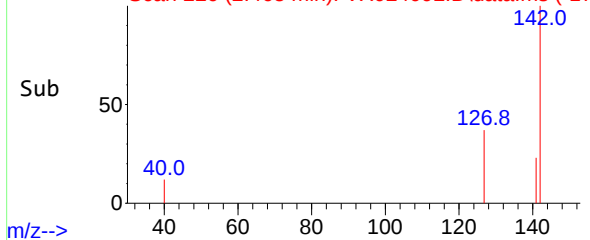
#10
Methyl Iodide
Concen: 0.340 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024092.D
Acq: 03 Sep 2021 09:56

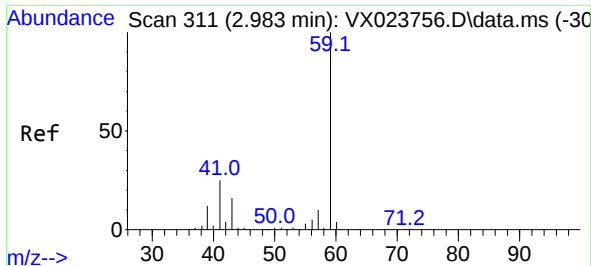
Tgt Ion: 142 Resp: 673
Ion Ratio Lower Upper
142 100
127 51.0 33.3 49.9#
141 14.1 11.4 17.0

Abundance Scan 226 (2.465 min): VX024092.D\data.ms



Abundance Scan 226 (2.465 min): VX024092.D\data.ms (-17)



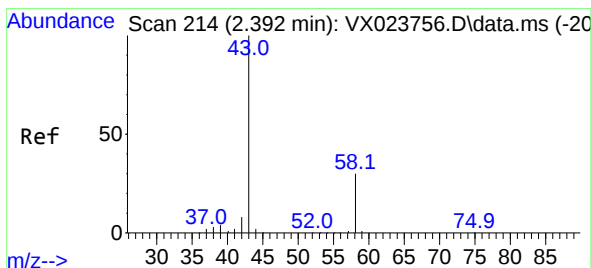
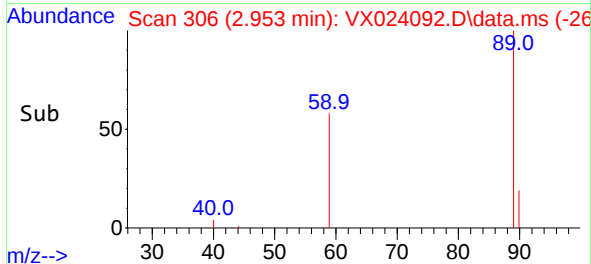
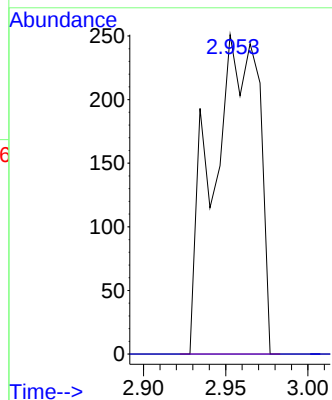
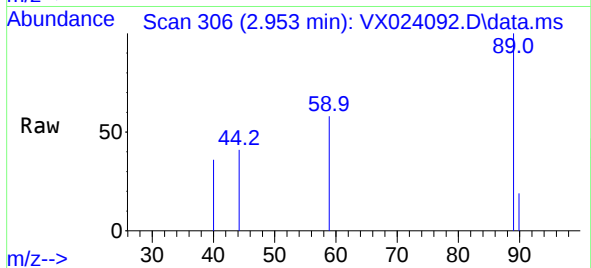


#11

Tert butyl alcohol
Concen: 1.251 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX024092.D
Acq: 03 Sep 2021 09:56

Instrument :
MSVOA_X
ClientSampled :

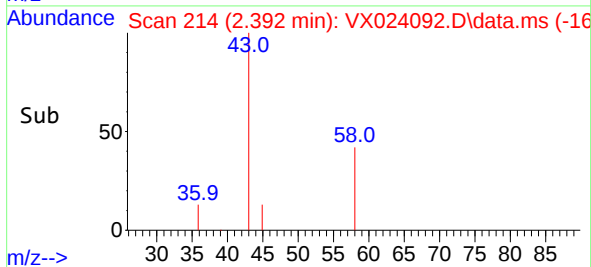
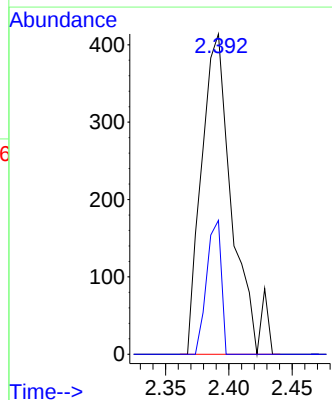
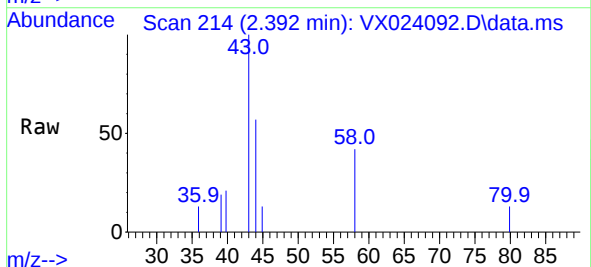
Tgt Ion: 59 Resp: 500
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

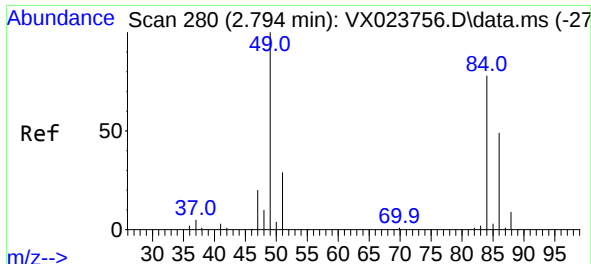


#16

Acetone
Concen: 0.792 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024092.D
Acq: 03 Sep 2021 09:56

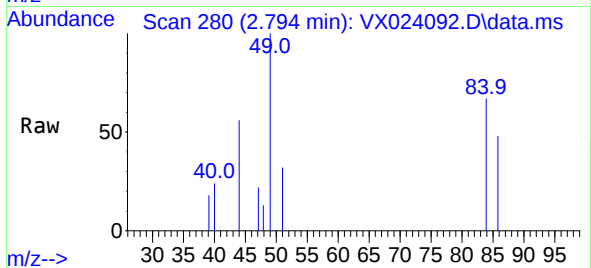
Tgt Ion: 43 Resp: 700
Ion Ratio Lower Upper
43 100
58 41.8 27.8 41.8#





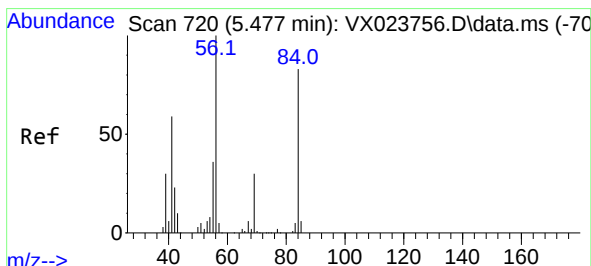
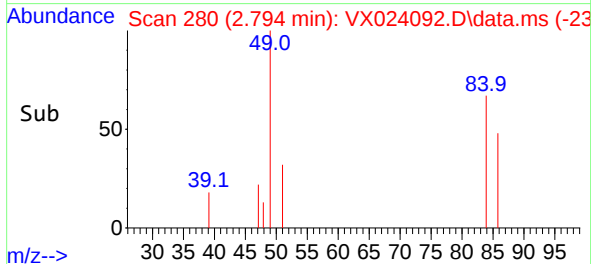
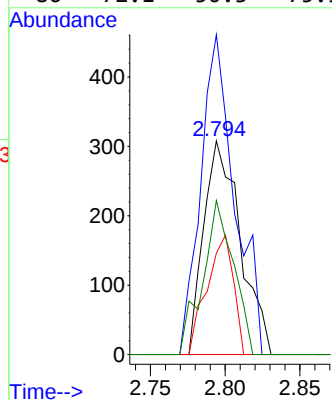
#20
Methylene Chloride
Concen: 0.310 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX024092.D
Acq: 03 Sep 2021 09:56

Instrument :
MSVOA_X
ClientSampled :

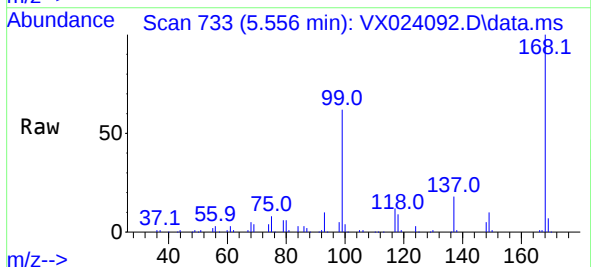


Tgt Ion: 84 Resp: 523

Ion	Ratio	Lower	Upper
84	100		
49	149.7	88.6	132.8#
51	47.4	27.0	40.6#
86	72.1	50.3	75.5

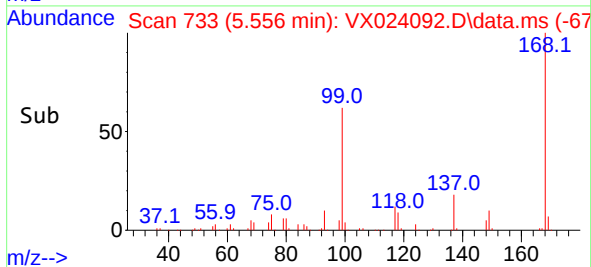
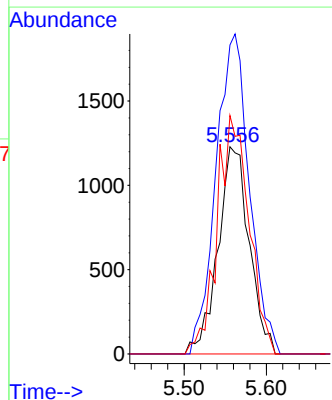


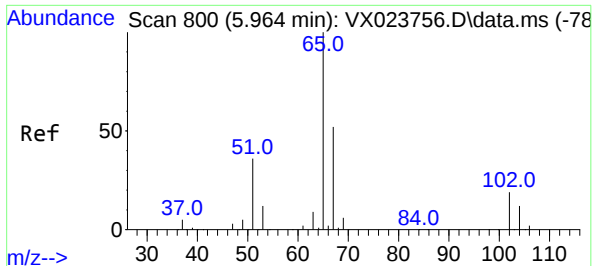
#31
Cyclohexane
Concen: 1.276 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024092.D
Acq: 03 Sep 2021 09:56



Tgt Ion: 56 Resp: 3238

Ion	Ratio	Lower	Upper
56	100		
69	149.1	25.3	37.9#
84	115.1	71.4	107.0#

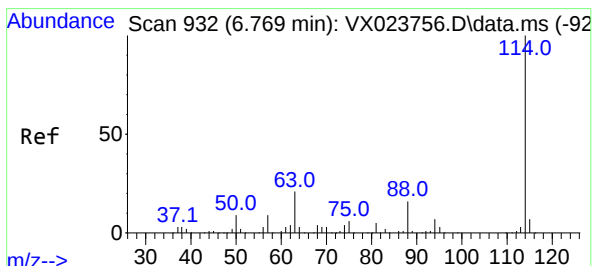
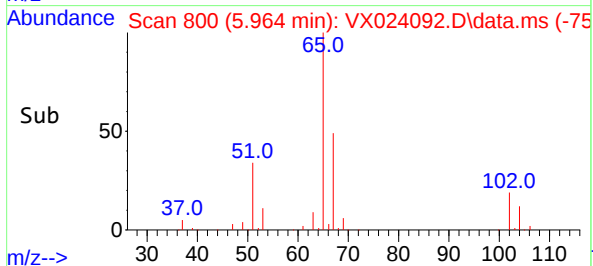
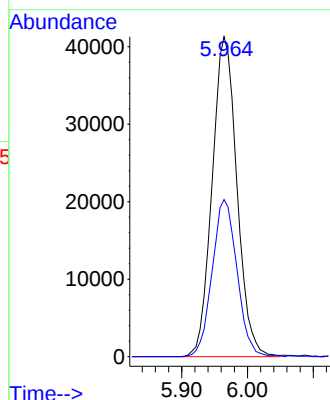
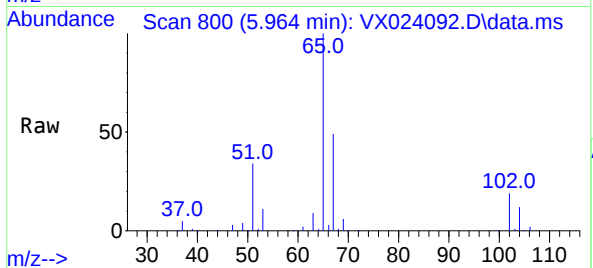




#33
1,2-Dichloroethane-d4
Concen: 54.773 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024092.D
Acq: 03 Sep 2021 09:56

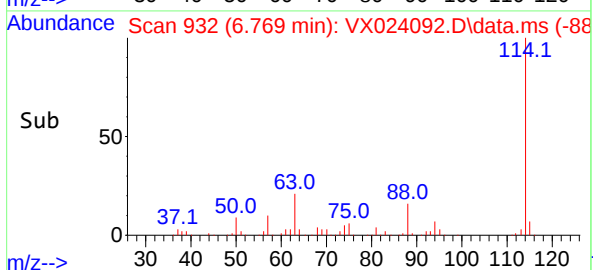
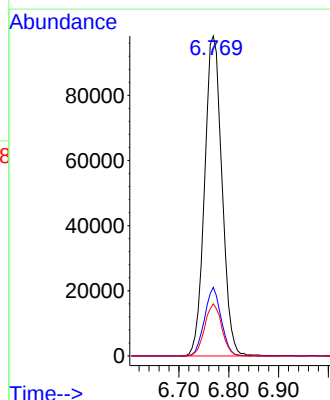
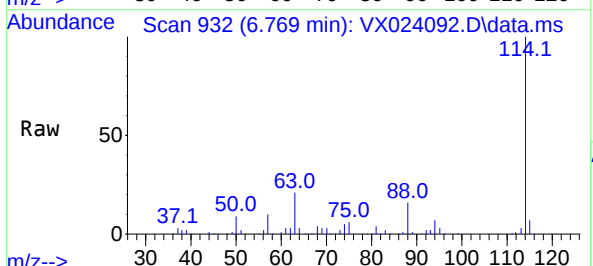
Instrument :
MSVOA_X
ClientSampled :

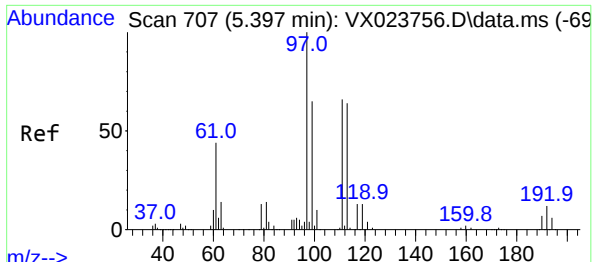
Tgt Ion: 65 Resp: 108221
Ion Ratio Lower Upper
65 100
67 49.3 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024092.D
Acq: 03 Sep 2021 09:56

Tgt Ion: 114 Resp: 237594
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.8
88 16.3 0.0 32.8

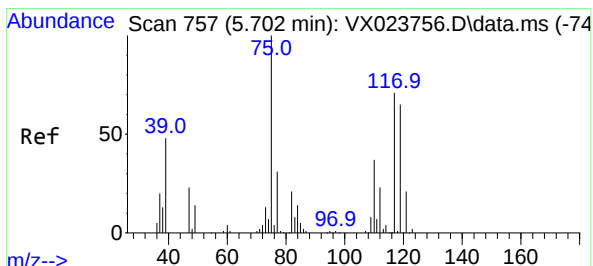
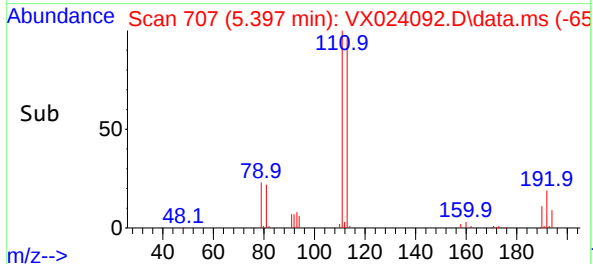
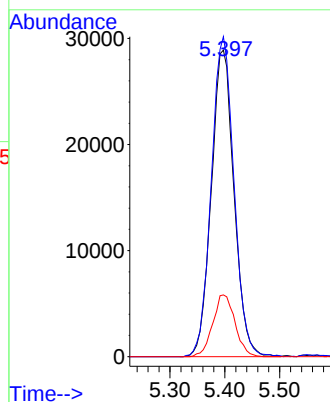
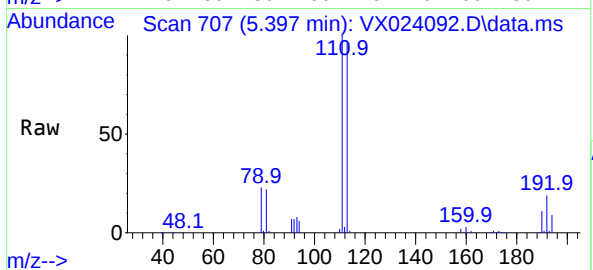




#35
Dibromofluoromethane
Concen: 52.906 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024092.D
Acq: 03 Sep 2021 09:56

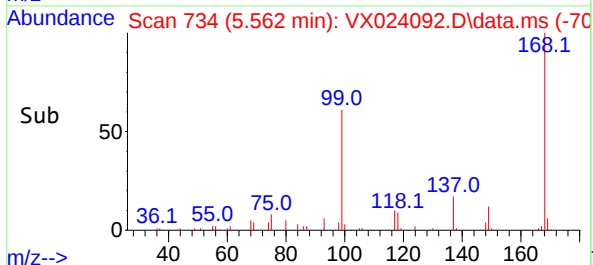
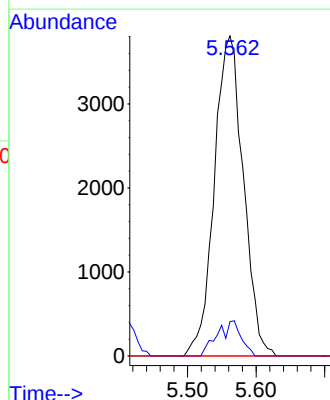
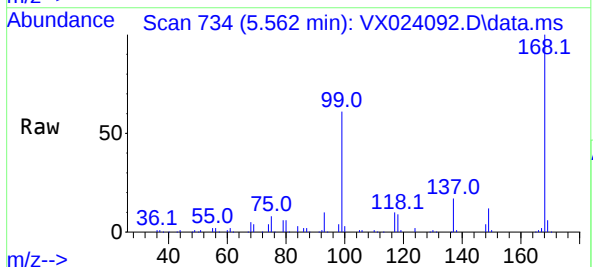
Instrument :
MSVOA_X
ClientSampled :

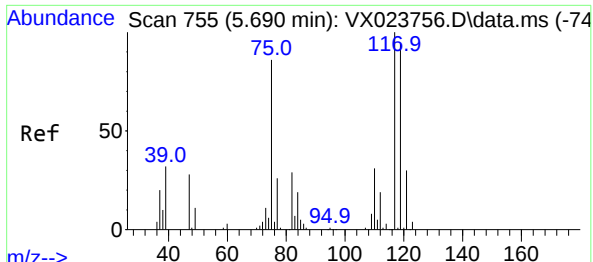
Tgt Ion:113 Resp: 83199
Ion Ratio Lower Upper
113 100
111 104.1 81.9 122.9
192 19.7 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.092 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024092.D
Acq: 03 Sep 2021 09:56

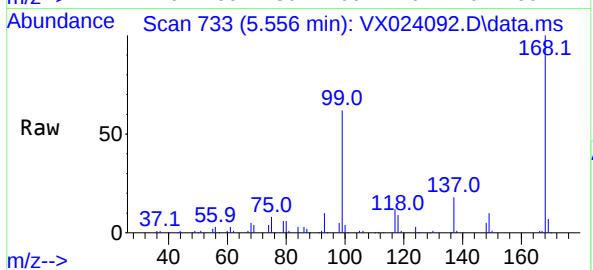
Tgt Ion: 75 Resp: 11205
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.4#
77 0.0 25.3 37.9#



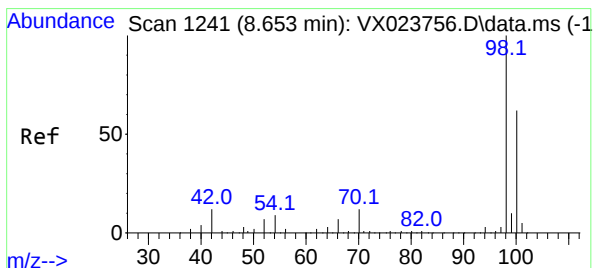
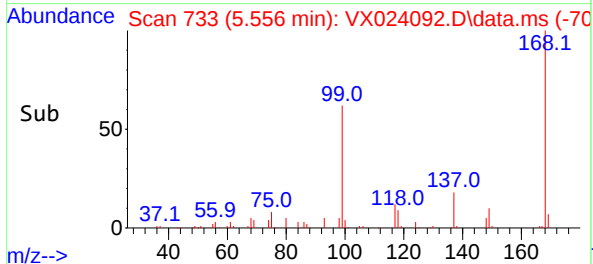
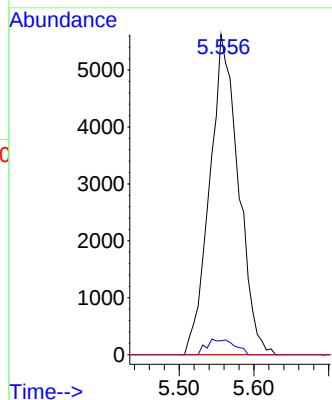


#38
Carbon Tetrachloride
Concen: 6.567 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024092.D
Acq: 03 Sep 2021 09:56

Instrument :
MSVOA_X
ClientSampled :

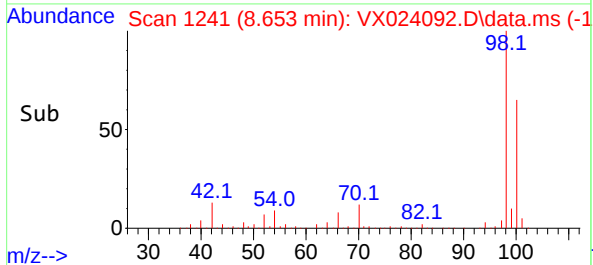
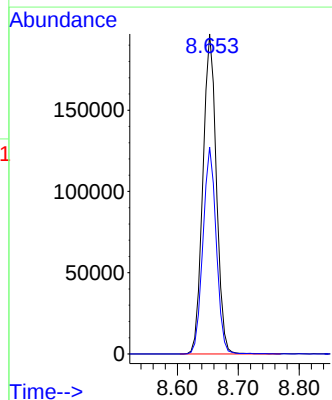
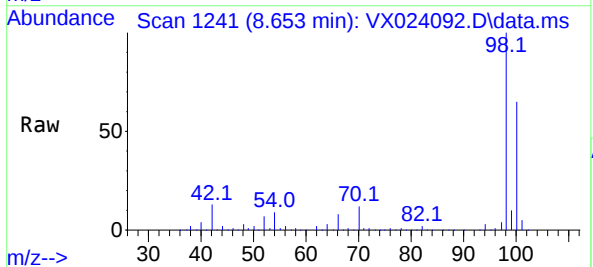


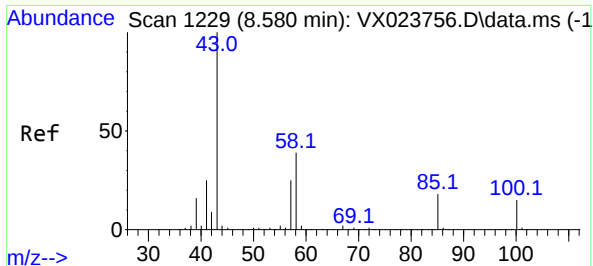
Tgt Ion:117 Resp: 15067
Ion Ratio Lower Upper
117 100
119 4.3 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.605 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024092.D
Acq: 03 Sep 2021 09:56

Tgt Ion: 98 Resp: 302886
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9

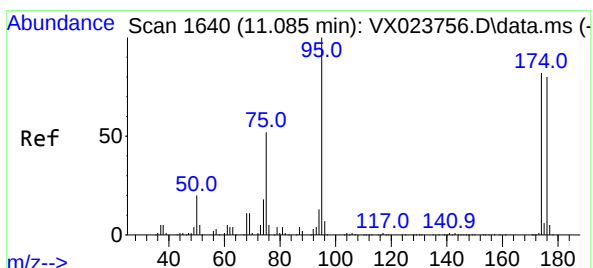
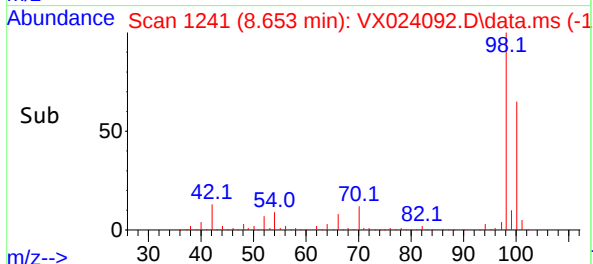
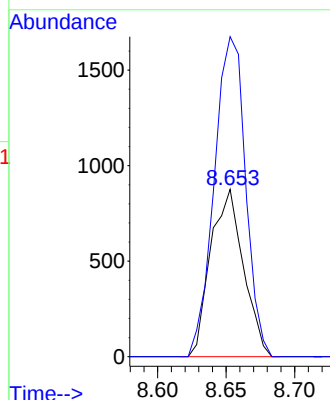
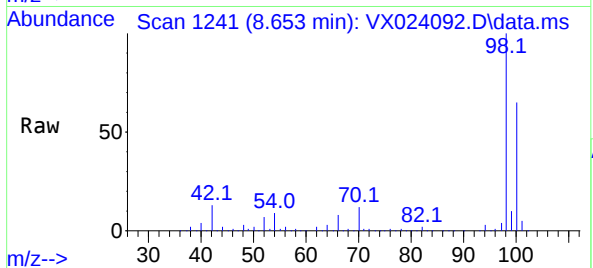




#51
4-Methyl-2-Pentanone
Concen: 0.534 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024092.D
Acq: 03 Sep 2021 09:56

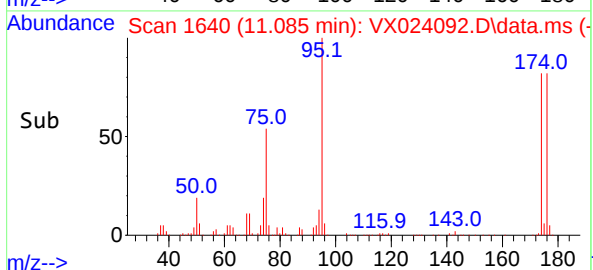
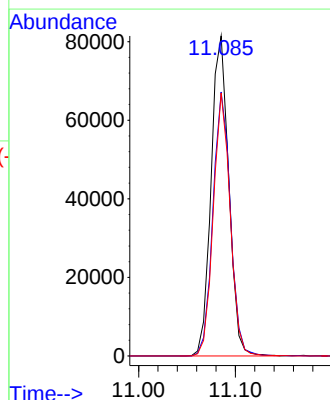
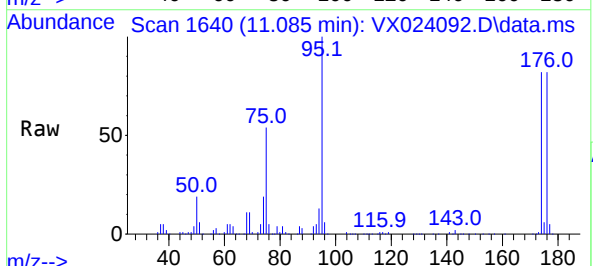
Instrument :
MSVOA_X
ClientSampled :

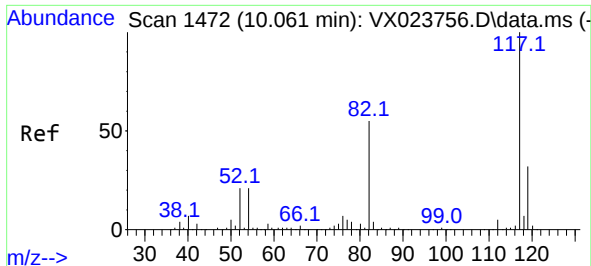
Tgt Ion: 43 Resp: 1459
Ion Ratio Lower Upper
43 100
58 182.8 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 46.987 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024092.D
Acq: 03 Sep 2021 09:56

Tgt Ion: 95 Resp: 103529
Ion Ratio Lower Upper
95 100
174 81.5 0.0 154.6
176 78.5 0.0 155.8

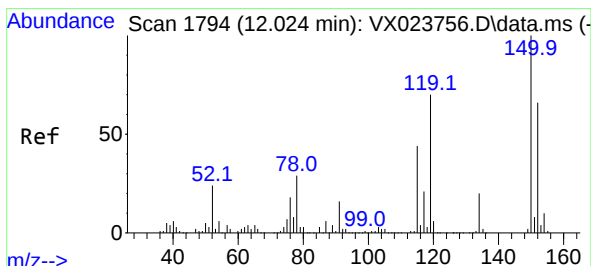
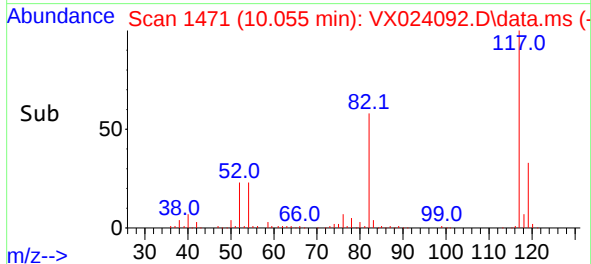
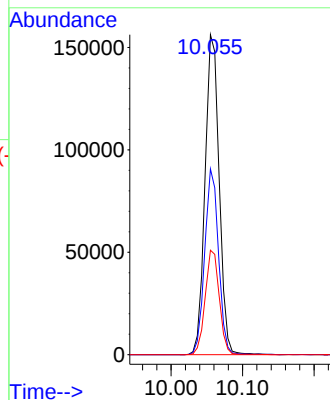
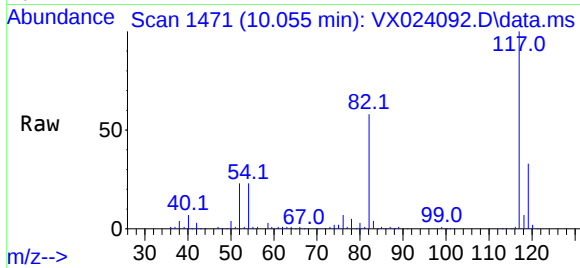




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024092.D
Acq: 03 Sep 2021 09:56

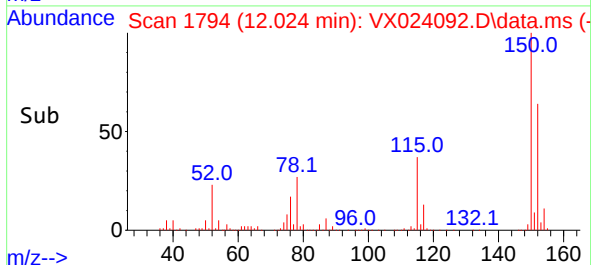
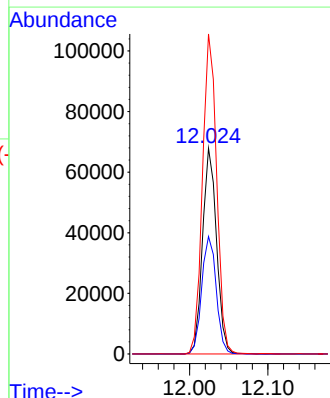
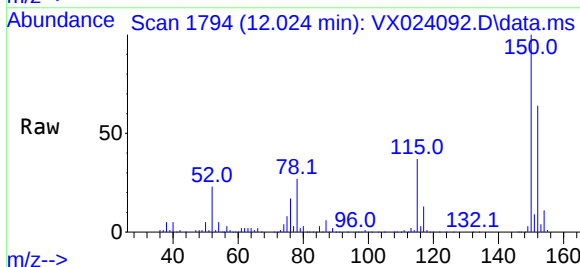
Instrument :
MSVOA_X
ClientSampled :

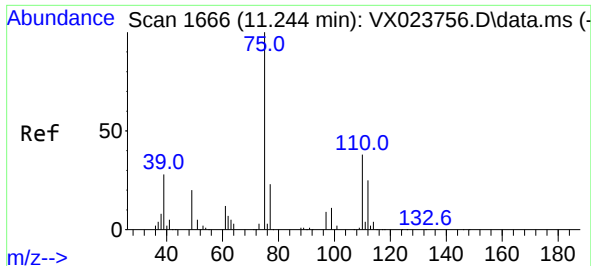
Tgt Ion:117 Resp: 215048
Ion Ratio Lower Upper
117 100
82 58.1 47.4 71.2
119 32.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024092.D
Acq: 03 Sep 2021 09:56

Tgt Ion:152 Resp: 84317
Ion Ratio Lower Upper
152 100
115 59.1 41.1 123.3
150 157.1 0.0 349.0

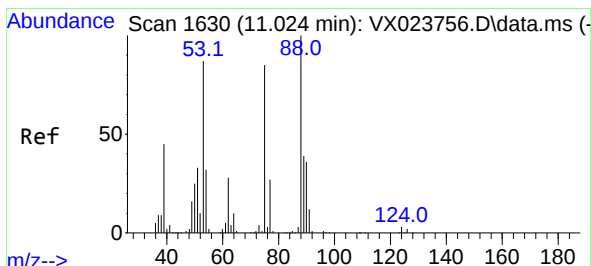
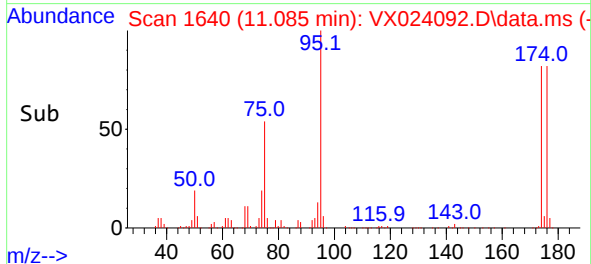
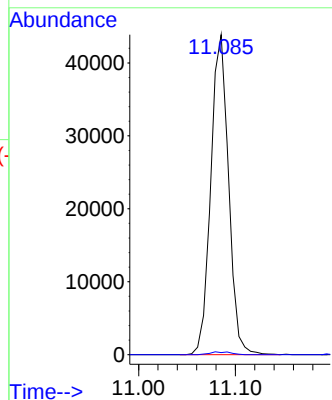
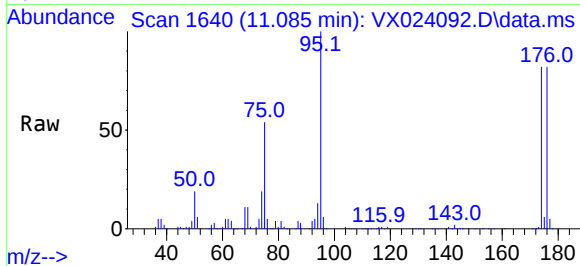




#76
1,2,3-Trichloropropane
Concen: 28.484 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024092.D
Acq: 03 Sep 2021 09:56

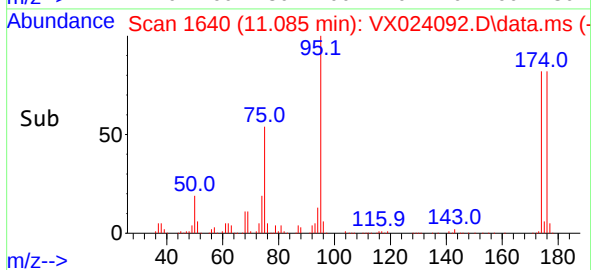
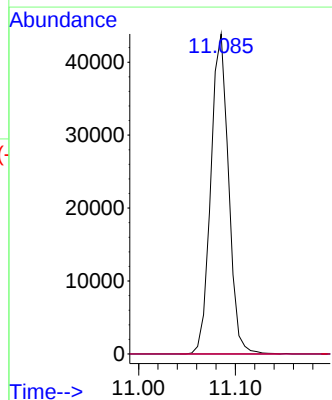
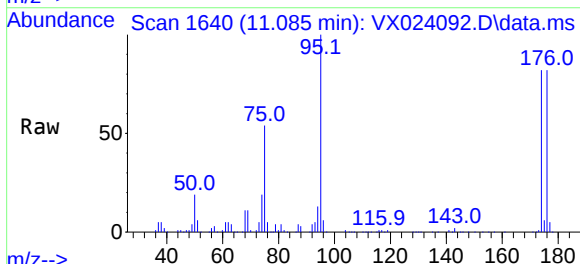
Instrument :
MSVOA_X
ClientSampled :

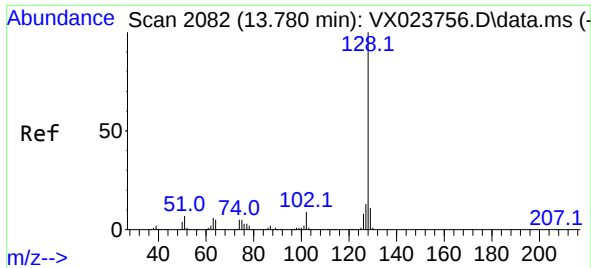
Tgt Ion: 75 Resp: 56026
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.788 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024092.D
Acq: 03 Sep 2021 09:56

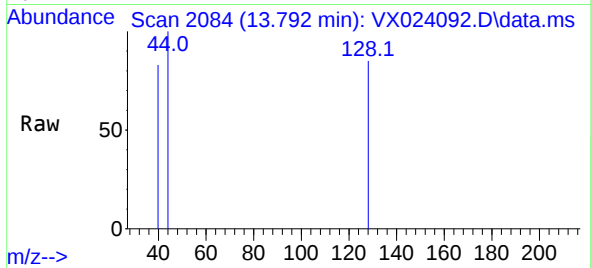
Tgt Ion: 75 Resp: 56026
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.314 ug/l
RT: 13.792 min Scan# 2084
Delta R.T. 0.012 min
Lab File: VX024092.D
Acq: 03 Sep 2021 09:56

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 198
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

