

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062421\
 Data File : VX022894.D
 Acq On : 25 Jun 2021 02:23
 Operator : JC/MD
 Sample : I.BLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 I.BLK

Quant Time: Jun 25 05:43:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

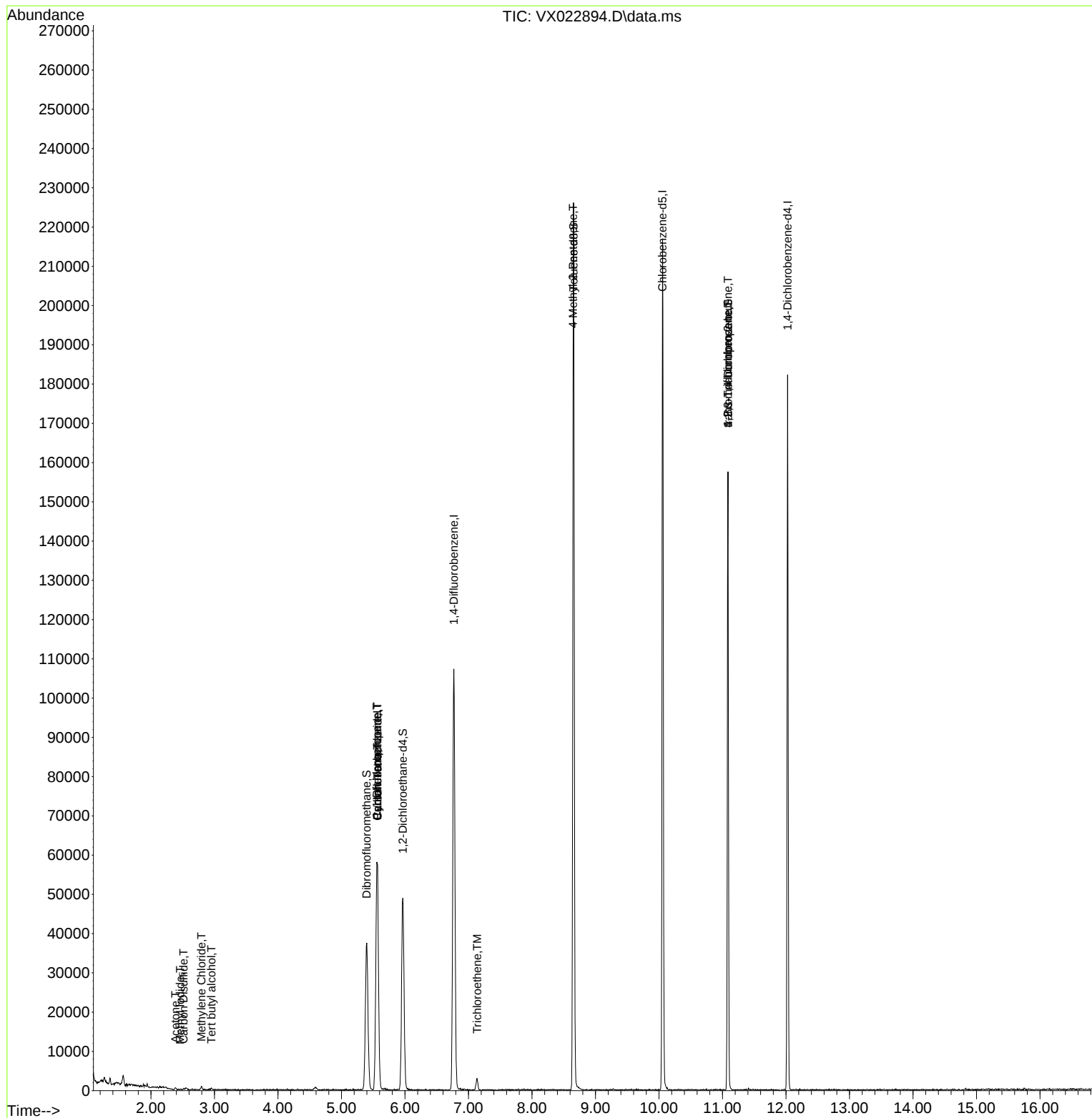
Internal Standards						
1) Pentafluorobenzene	5.562	168	49253	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	103959	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	89499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	30848	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	45726	51.16	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.32%			
35) Dibromofluoromethane	5.397	113	31586	47.85	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.70%			
50) Toluene-d8	8.653	98	126306	48.82	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.64%			
62) 4-Bromofluorobenzene	11.085	95	39860	41.28	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 82.56%#			
Target Compounds						
						Qvalue
10) Methyl Iodide	2.459	142	36	3.92	ug/l	# 42
11) Tert butyl alcohol	2.953	59	263	1.41	ug/l	# 73
16) Acetone	2.386	43	398	1.00	ug/l	# 82
17) Carbon Disulfide	2.514	76	111	3.57	ug/l	# 75
20) Methylene Chloride	2.794	84	371	0.84	ug/l	# 84
31) Cyclohexane	5.562	56	1573	1.25	ug/l	# 10
36) 1,1-Dichloropropene	5.556	75	4951	4.48	ug/l	# 48
38) Carbon Tetrachloride	5.568	117	5854	6.32	ug/l	# 16
44) Trichloroethene	7.135	130	1131	1.50	ug/l	96
51) 4-Methyl-2-Pentanone	8.647	43	766	0.60	ug/l	# 1
76) 1,2,3-Trichloropropane	11.085	75	21524	26.42	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	21524	68.57	ug/l	# 12

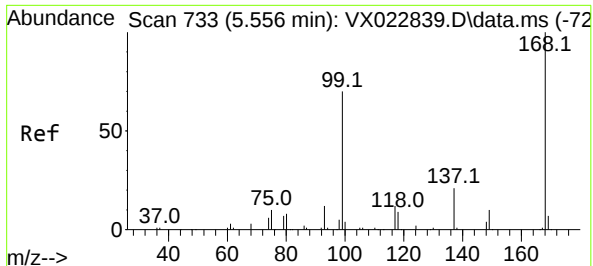
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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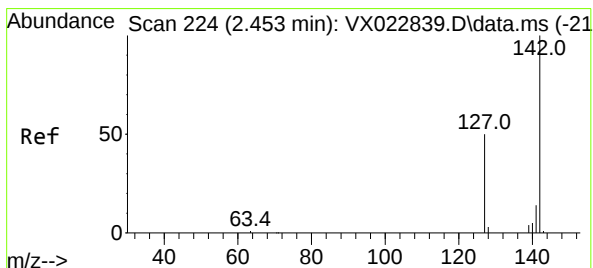
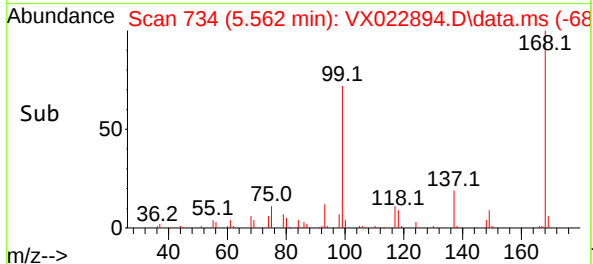
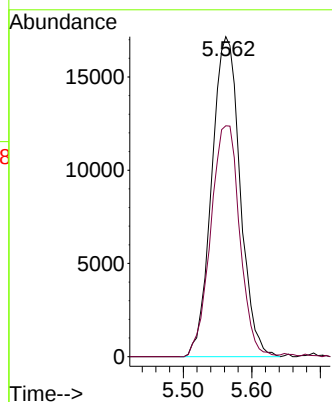
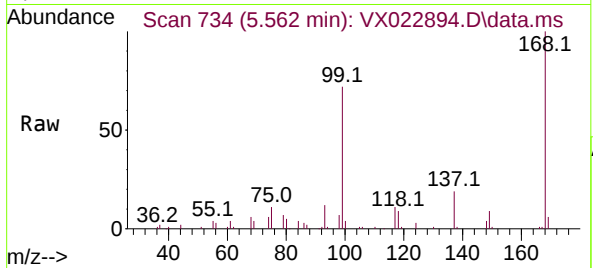




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022894.D
Acq: 25 Jun 2021 02:23

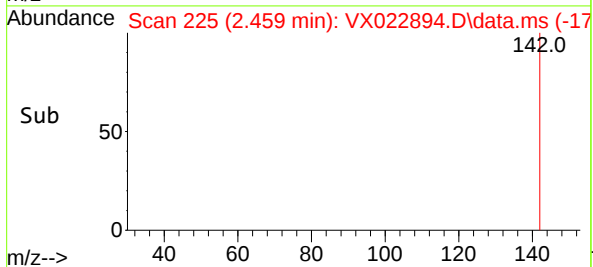
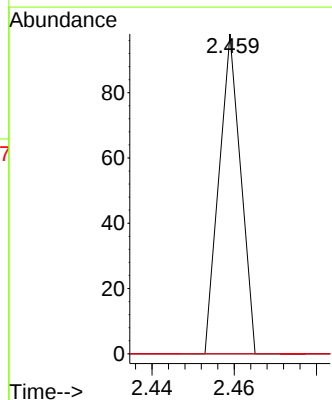
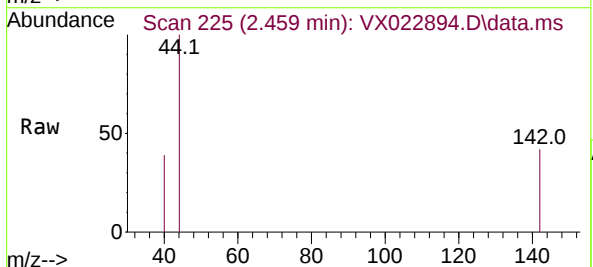
Instrument :
MSVOA_X
ClientSampled :
I.BLK

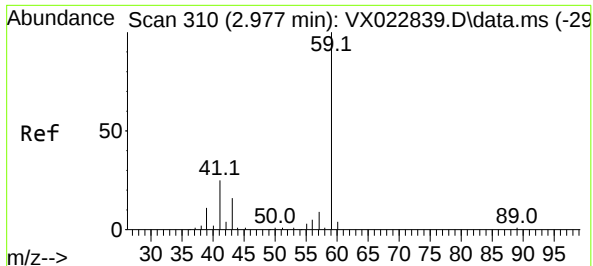
Tgt Ion:168 Resp: 49253
Ion Ratio Lower Upper
168 100
99 72.2 45.8 68.6#



#10
Methyl Iodide
Concen: 3.92 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022894.D
Acq: 25 Jun 2021 02:23

Tgt Ion:142 Resp: 36
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



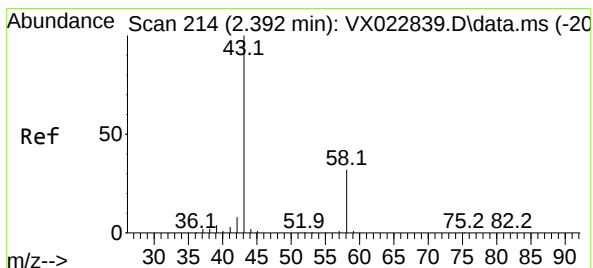
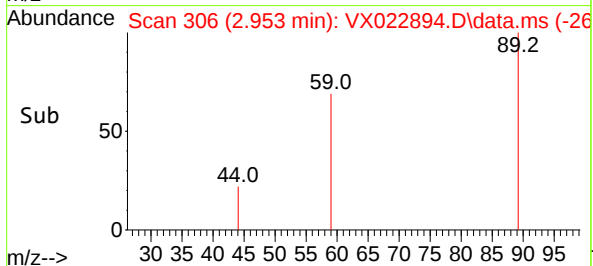
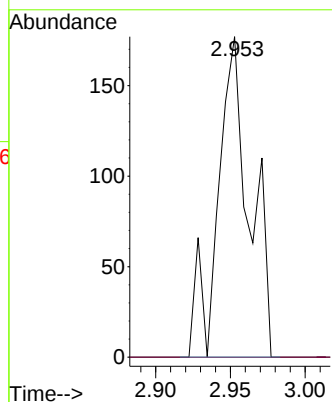
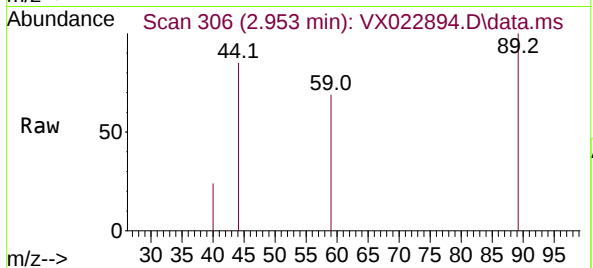


#11

Tert butyl alcohol
Concen: 1.41 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX022894.D
Acq: 25 Jun 2021 02:23

Instrument :
MSVOA_X
ClientSampled :
I.BLK

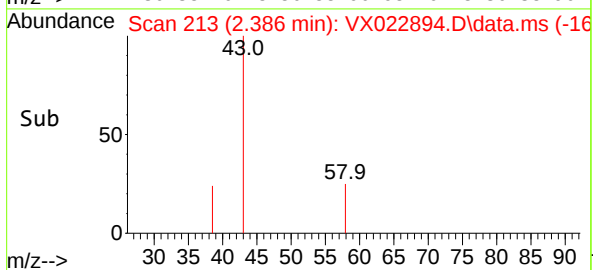
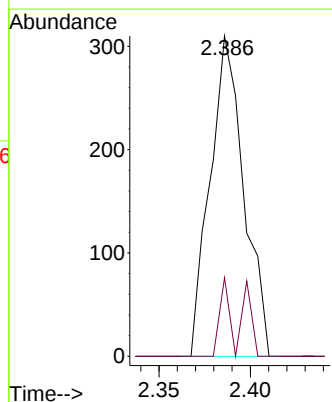
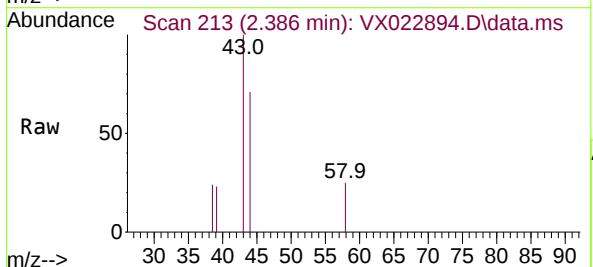
Tgt Ion: 59 Resp: 263
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

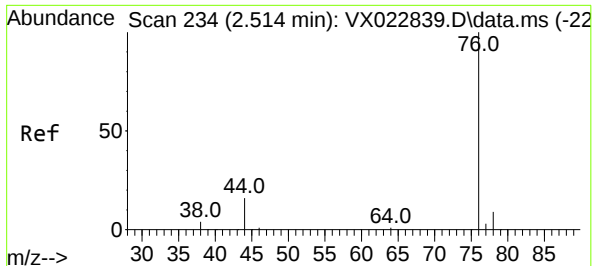


#16

Acetone
Concen: 1.00 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022894.D
Acq: 25 Jun 2021 02:23

Tgt Ion: 43 Resp: 398
Ion Ratio Lower Upper
43 100
58 24.5 27.8 41.8#

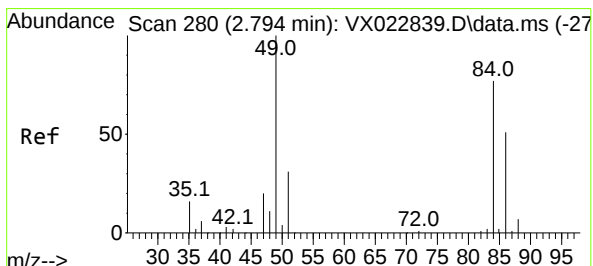
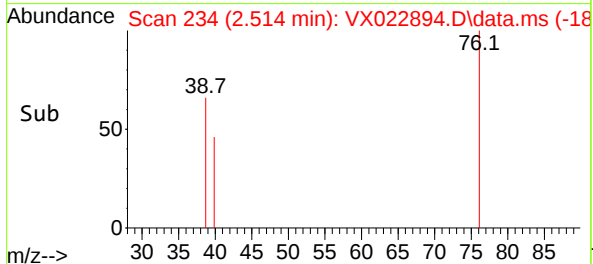
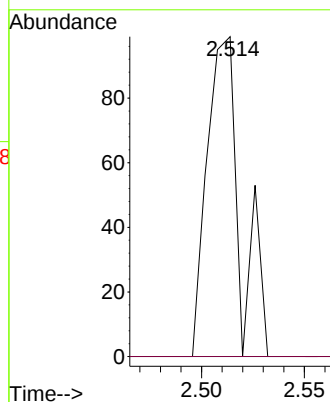
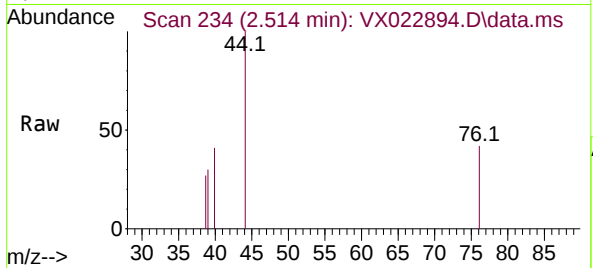




#17
Carbon Disulfide
Concen: 3.57 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022894.D
Acq: 25 Jun 2021 02:23

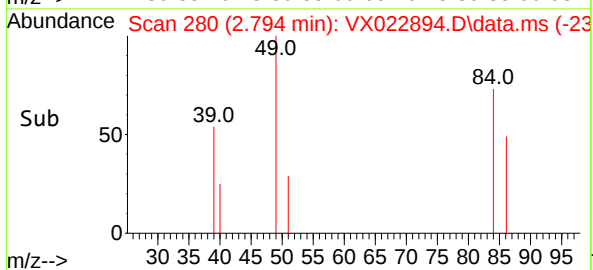
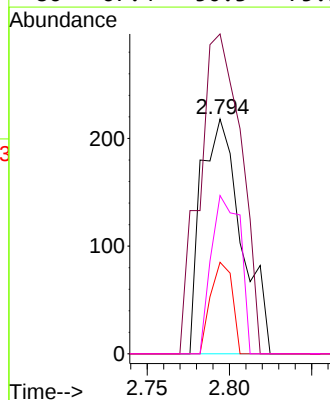
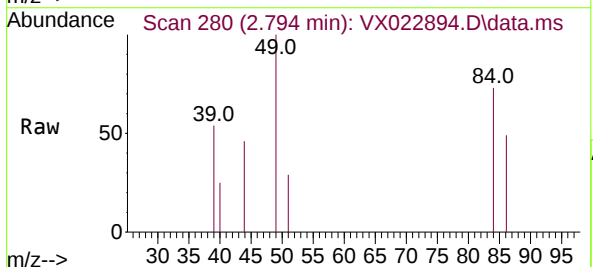
Instrument :
MSVOA_X
ClientSampled :
I.BLK

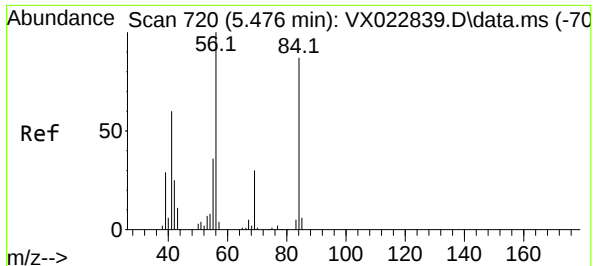
Tgt Ion: 76 Resp: 111
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.84 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022894.D
Acq: 25 Jun 2021 02:23

Tgt Ion: 84 Resp: 371
Ion Ratio Lower Upper
84 100
49 136.2 88.6 132.8#
51 39.0 27.0 40.6
86 67.4 50.3 75.5

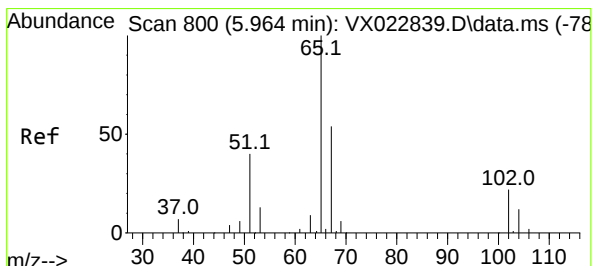
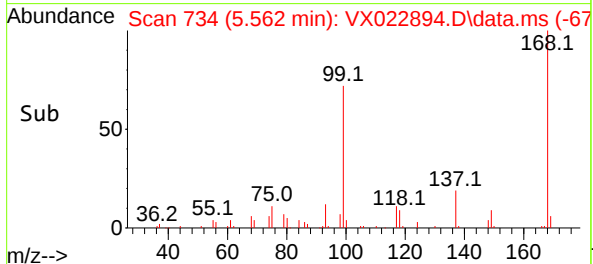
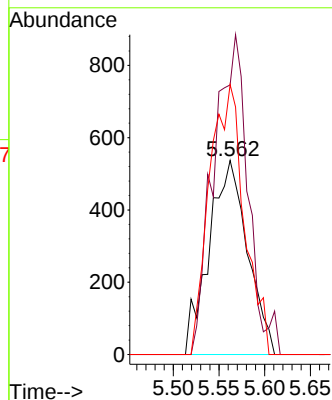
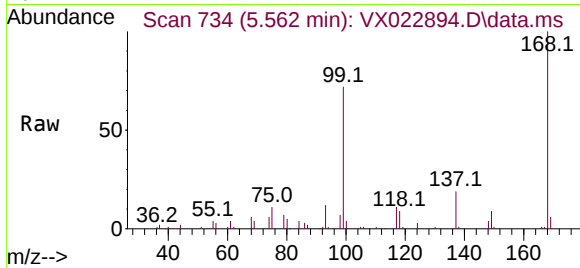




#31
Cyclohexane
Concen: 1.25 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.086 min
Lab File: VX022894.D
Acq: 25 Jun 2021 02:23

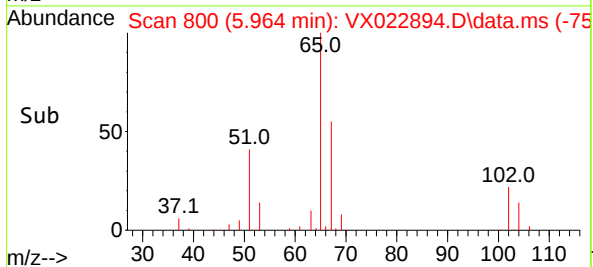
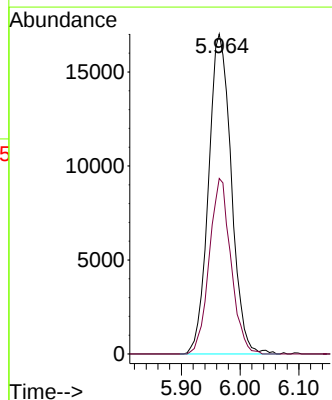
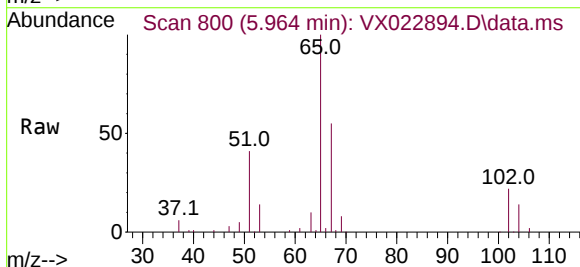
Instrument :
MSVOA_X
ClientSampled :
I.BLK

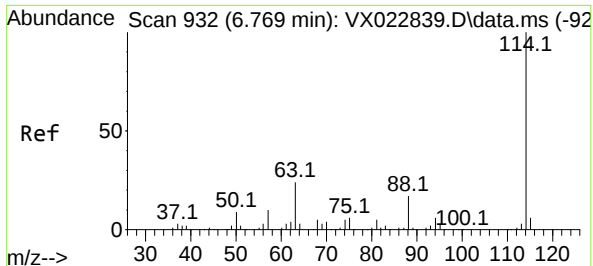
Tgt Ion: 56 Resp: 1573
Ion Ratio Lower Upper
56 100
69 138.9 25.3 37.9#
84 139.1 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 51.16 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022894.D
Acq: 25 Jun 2021 02:23

Tgt Ion: 65 Resp: 45726
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.4

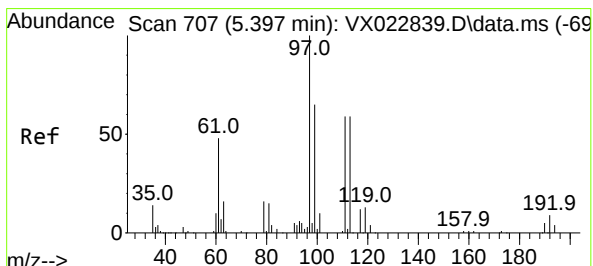
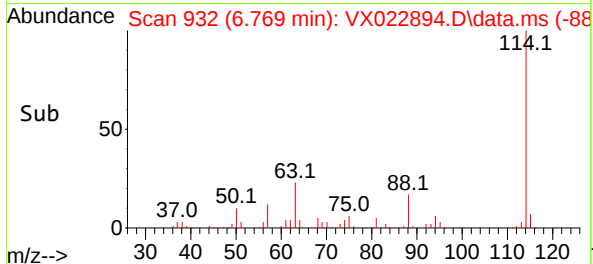
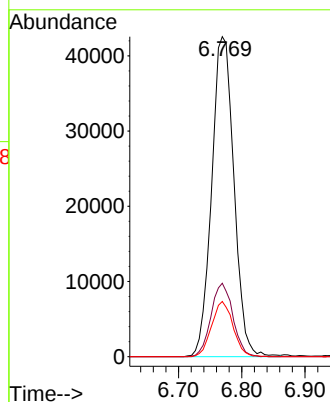
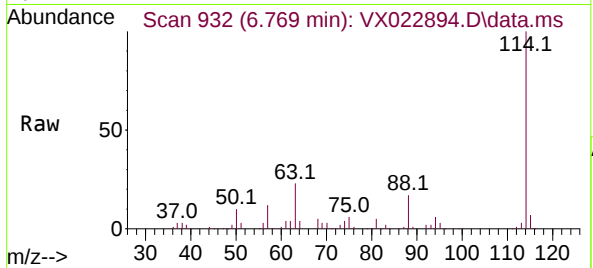




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022894.D
Acq: 25 Jun 2021 02:23

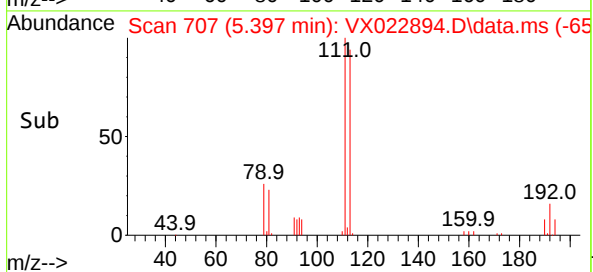
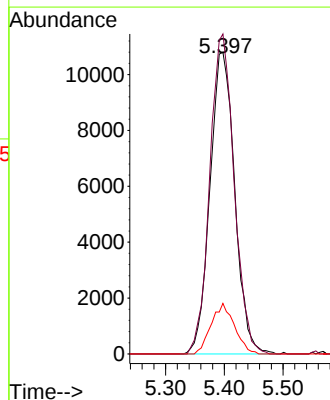
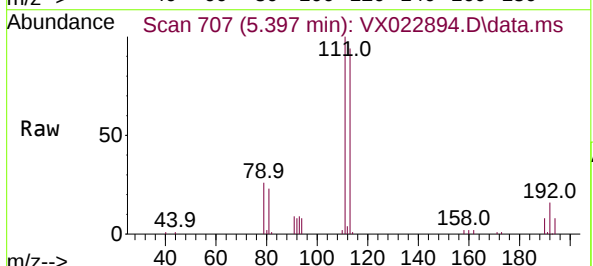
Instrument :
MSVOA_X
ClientSampled :
I.BLK

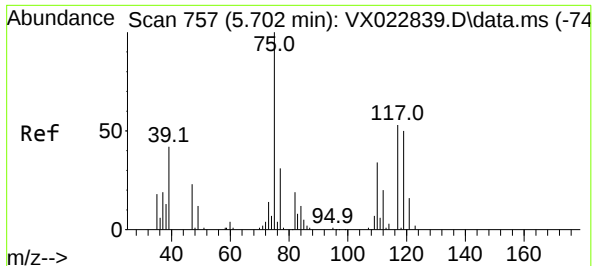
Tgt Ion:114 Resp: 103959
Ion Ratio Lower Upper
114 100
63 23.0 0.0 40.8
88 17.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.85 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX022894.D
Acq: 25 Jun 2021 02:23

Tgt Ion:113 Resp: 31586
Ion Ratio Lower Upper
113 100
111 104.2 81.9 122.9
192 15.8 16.7 25.1#

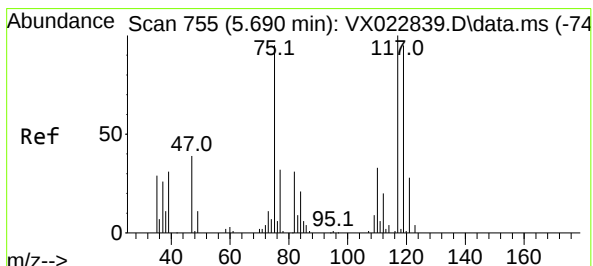
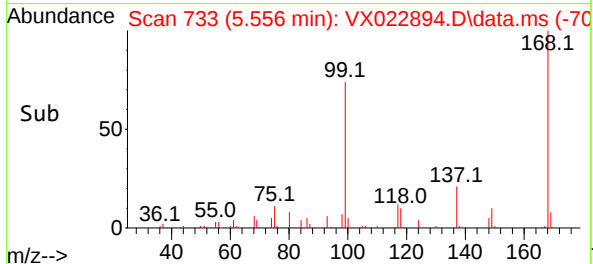
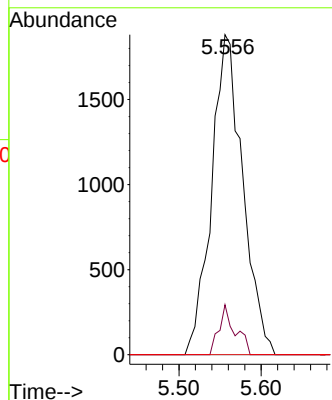
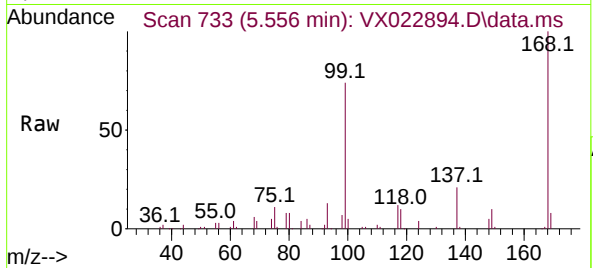




#36
1,1-Dichloropropene
Concen: 4.48 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022894.D
Acq: 25 Jun 2021 02:23

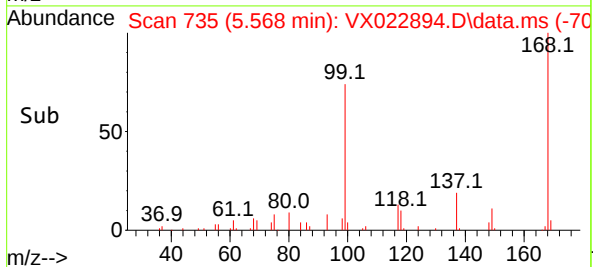
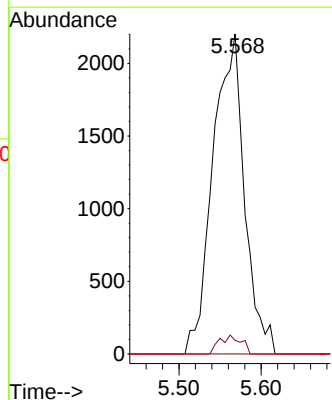
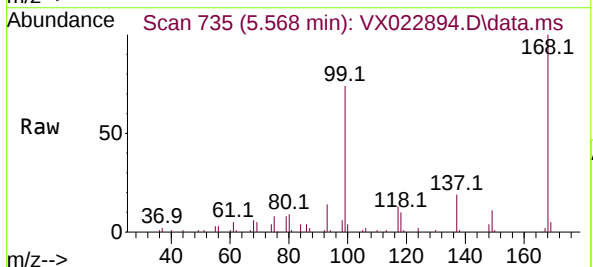
Instrument :
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I.BLK

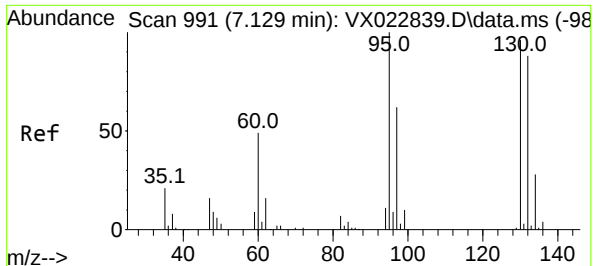
Tgt Ion: 75 Resp: 4951
Ion Ratio Lower Upper
75 100
110 8.1 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.32 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX022894.D
Acq: 25 Jun 2021 02:23

Tgt Ion: 117 Resp: 5854
Ion Ratio Lower Upper
117 100
119 4.3 76.2 114.2#
121 0.0 24.8 37.2#

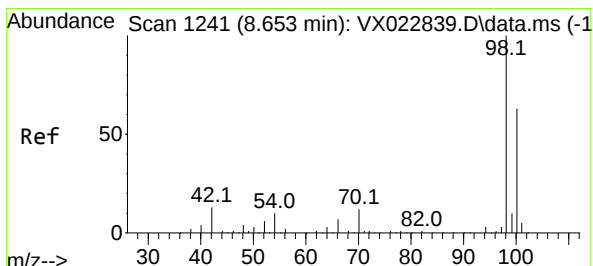
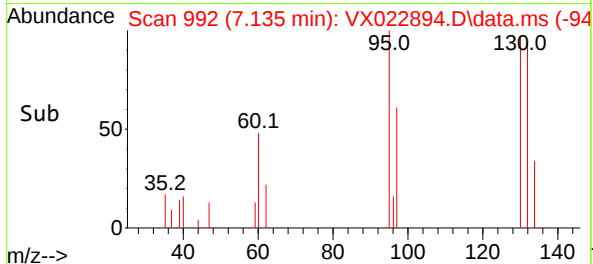
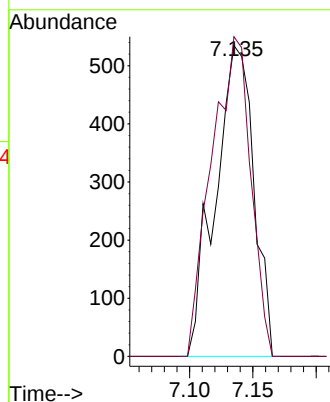
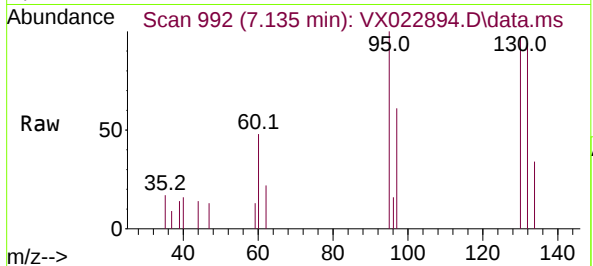




#44
Trichloroethene
Concen: 1.50 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022894.D
Acq: 25 Jun 2021 02:23

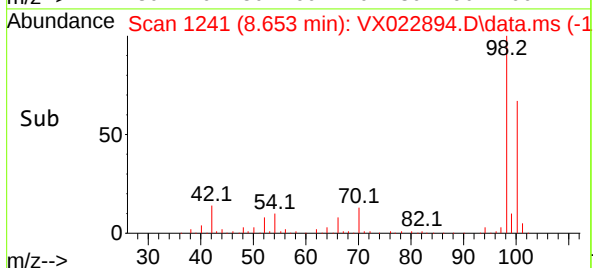
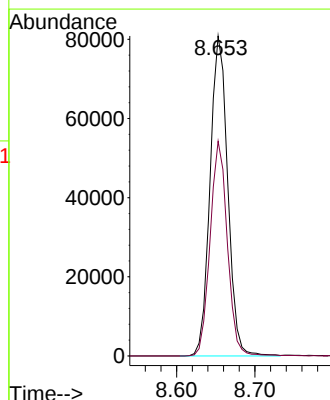
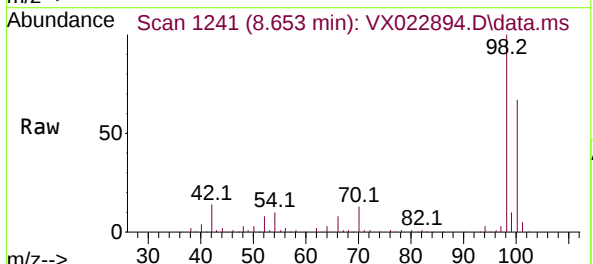
Instrument :
MSVOA_X
ClientSampled :
I.BLK

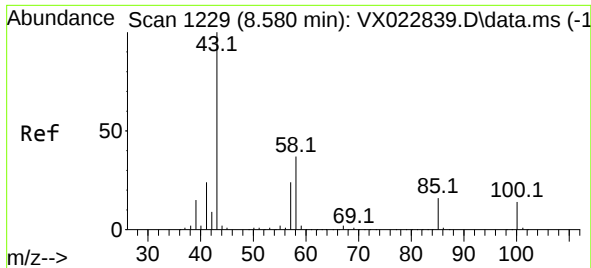
Tgt Ion:130 Resp: 1131
Ion Ratio Lower Upper
130 100
95 102.8 0.0 198.0



#50
Toluene-d8
Concen: 48.82 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022894.D
Acq: 25 Jun 2021 02:23

Tgt Ion: 98 Resp: 126306
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9

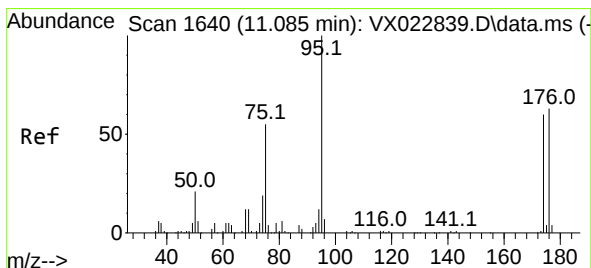
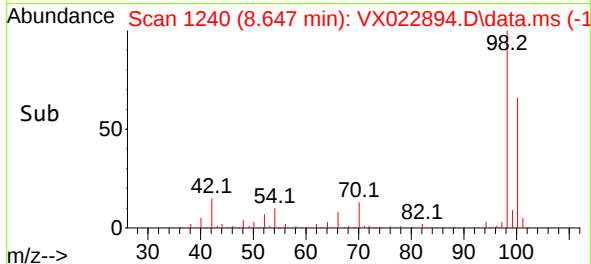
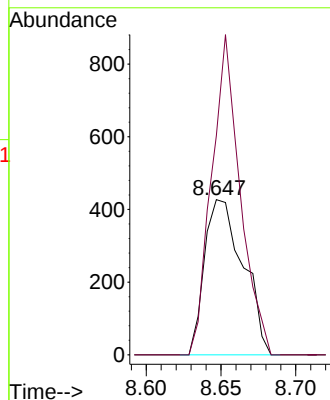
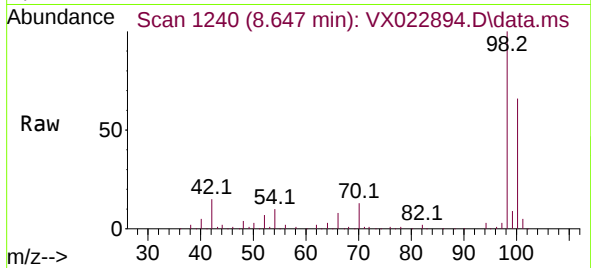




#51
4-Methyl-2-Pentanone
Concen: 0.60 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX022894.D
Acq: 25 Jun 2021 02:23

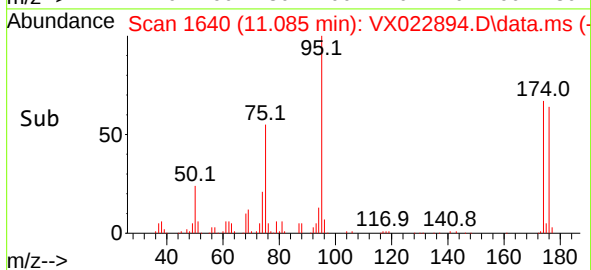
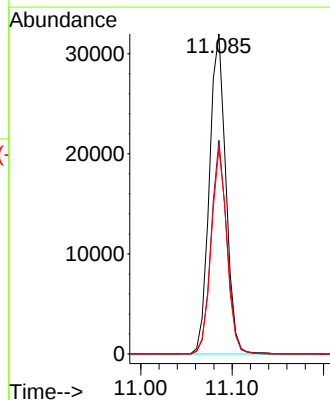
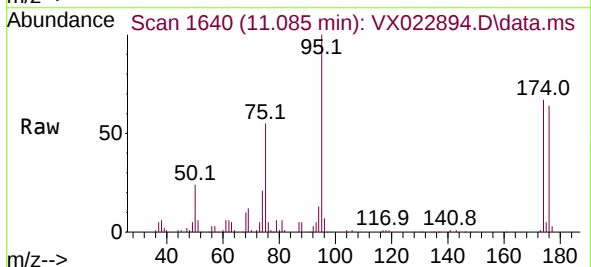
Instrument :
MSVOA_X
ClientSampled :
I.BLK

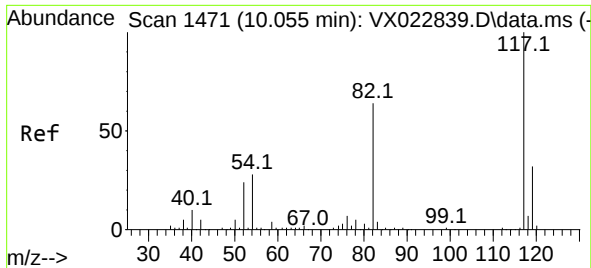
Tgt Ion: 43 Resp: 766
Ion Ratio Lower Upper
43 100
58 153.3 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 41.28 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022894.D
Acq: 25 Jun 2021 02:23

Tgt Ion: 95 Resp: 39860
Ion Ratio Lower Upper
95 100
174 63.6 0.0 154.6
176 61.3 0.0 155.8

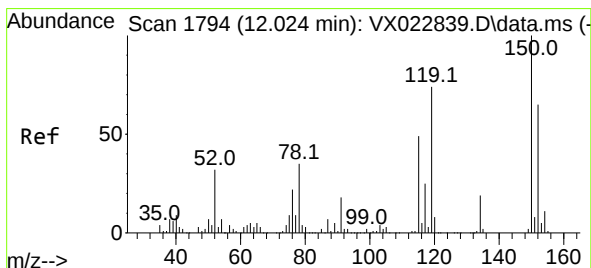
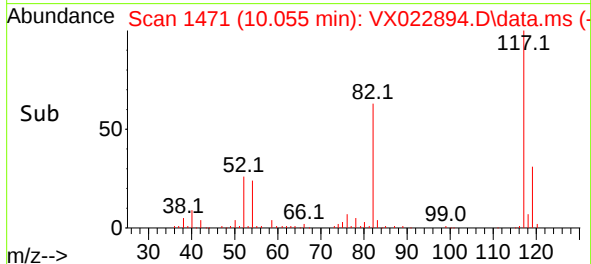
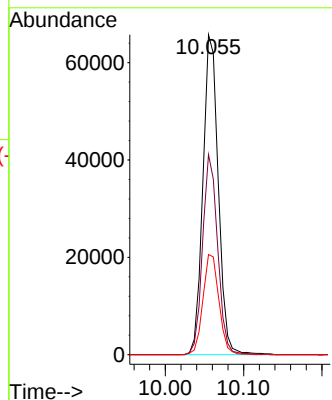
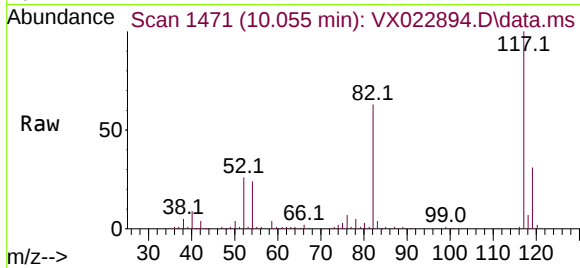




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022894.D
Acq: 25 Jun 2021 02:23

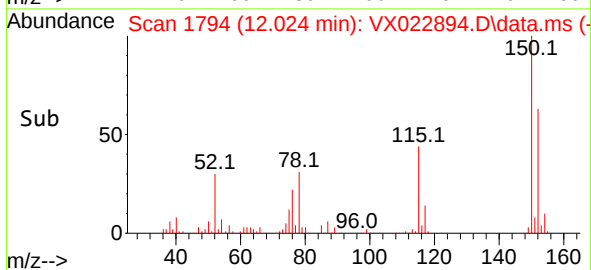
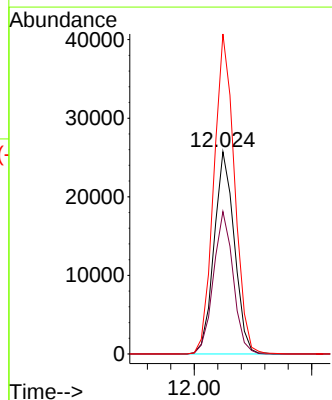
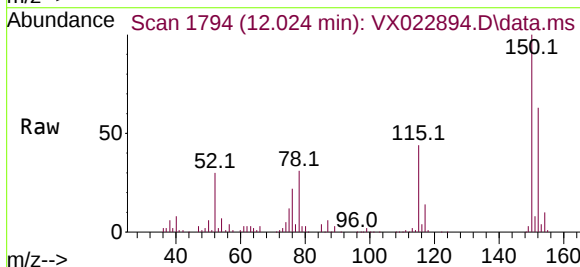
Instrument :
MSVOA_X
ClientSampled :
I.BLK

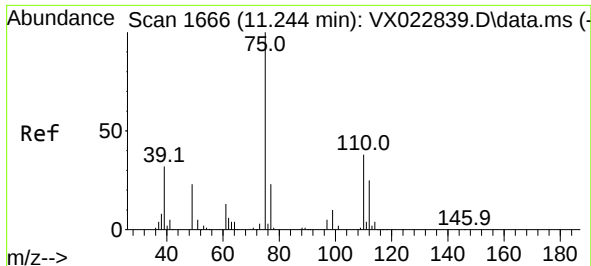
Tgt Ion:117 Resp: 89499
Ion Ratio Lower Upper
117 100
82 62.6 47.4 71.2
119 31.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022894.D
Acq: 25 Jun 2021 02:23

Tgt Ion:152 Resp: 30848
Ion Ratio Lower Upper
152 100
115 68.4 41.1 123.3
150 160.9 0.0 349.0

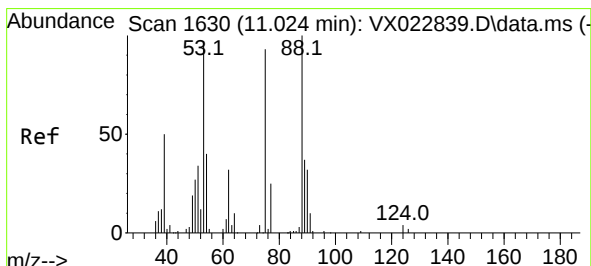
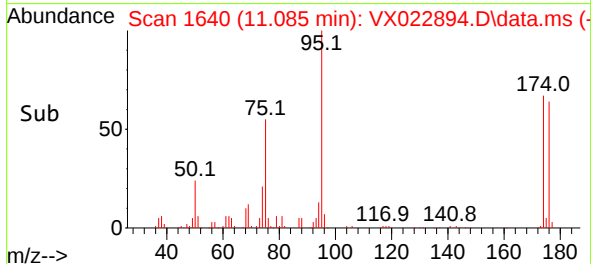
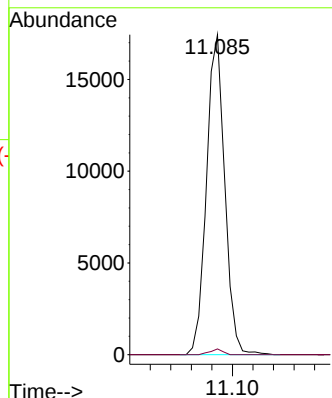
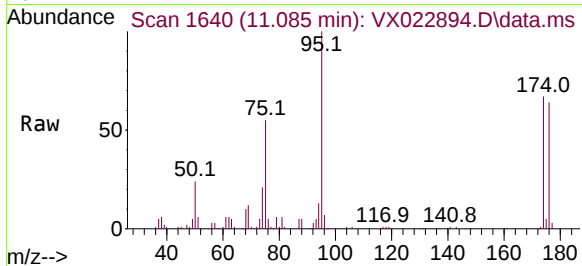




#76
1,2,3-Trichloropropane
Concen: 26.42 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022894.D
Acq: 25 Jun 2021 02:23

Instrument :
MSVOA_X
ClientSampled :
I.BLK

Tgt Ion: 75 Resp: 21524
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.57 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022894.D
Acq: 25 Jun 2021 02:23

Tgt Ion: 75 Resp: 21524
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

