

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072221\
 Data File : VX023393.D
 Acq On : 22 Jul 2021 23:42
 Operator : JC/MD
 Sample : M3145-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 152140-MW-3S(OFFSITE)

Quant Time: Jul 23 06:11:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

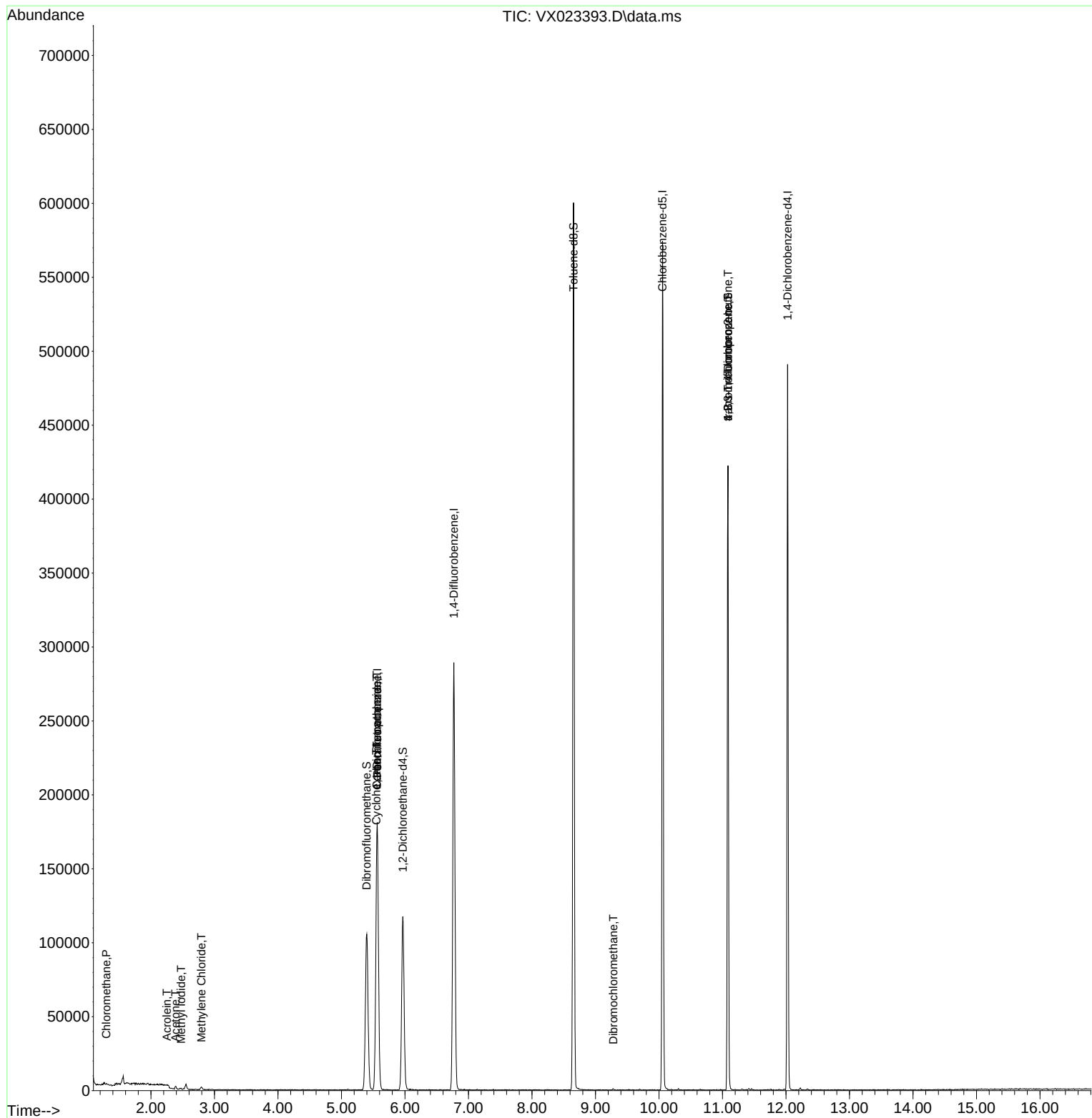
Internal Standards						
1) Pentafluorobenzene	5.562	168	174476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	293248	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	257836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97730	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	112582	51.728	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.460%			
35) Dibromofluoromethane	5.397	113	92265	50.321	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.640%			
50) Toluene-d8	8.653	98	348495	51.733	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.460%			
62) 4-Bromofluorobenzene	11.085	95	110390	48.192	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.380%			
Target Compounds			Qvalue			
3) Chloromethane	1.295	50	635	0.340	ug/l	92
10) Methyl Iodide	2.477	142	958	0.443	ug/l #	42
13) Acrolein	2.252	56	107	1.785	ug/l #	1
16) Acetone	2.386	43	2334	2.186	ug/l #	86
20) Methylene Chloride	2.794	84	865	0.417	ug/l #	90
31) Cyclohexane	5.550	56	3678	1.141	ug/l #	3
36) 1,1-Dichloropropene	5.556	75	13118	4.945	ug/l #	50
38) Carbon Tetrachloride	5.556	117	17171	6.365	ug/l #	17
60) Dibromochloromethane	9.281	129	108	2.031	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	57153	26.575	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	57153	71.457	ug/l #	12

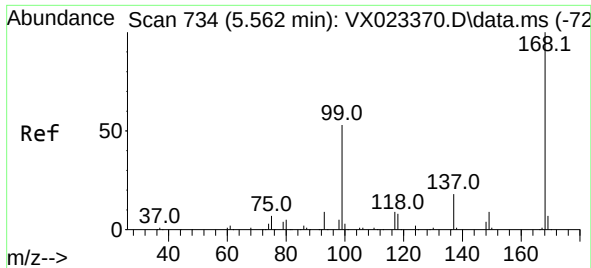
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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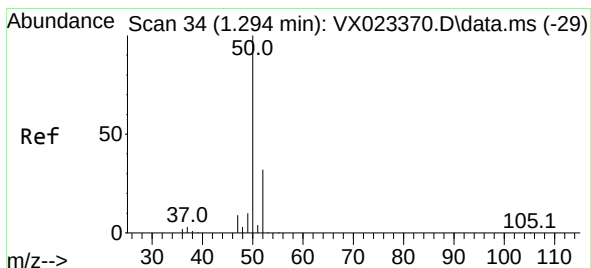
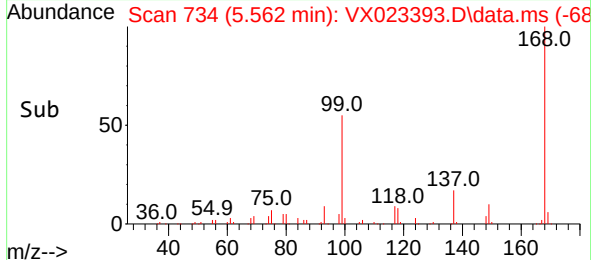
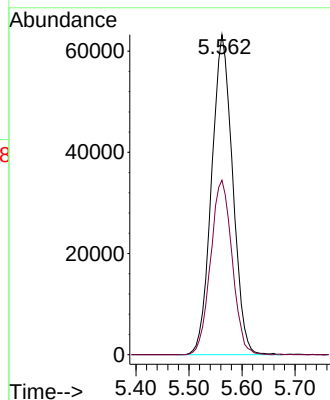
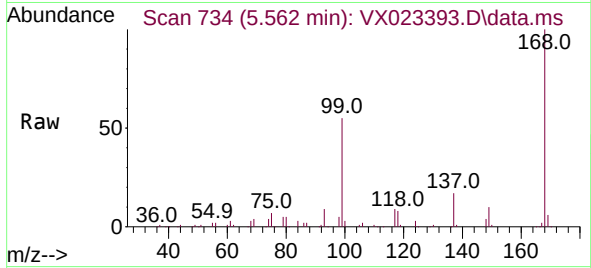




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023393.D
Acq: 22 Jul 2021 23:42

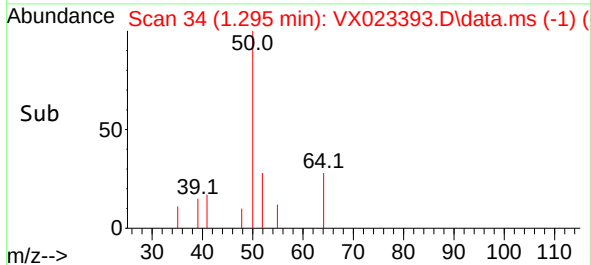
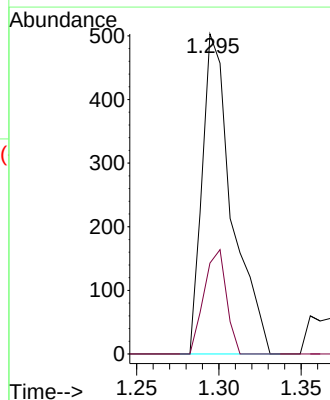
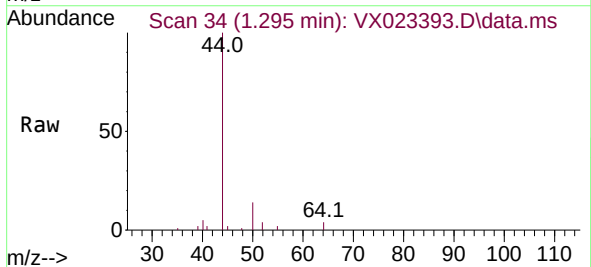
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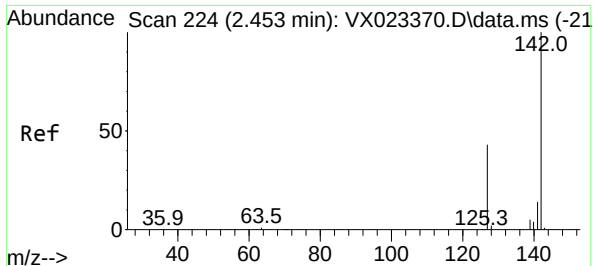
Tgt Ion:168 Resp: 174476
Ion Ratio Lower Upper
168 100
99 54.5 45.8 68.6



#3
Chloromethane
Concen: 0.340 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX023393.D
Acq: 22 Jul 2021 23:42

Tgt Ion: 50 Resp: 635
Ion Ratio Lower Upper
50 100
52 28.4 26.4 39.6

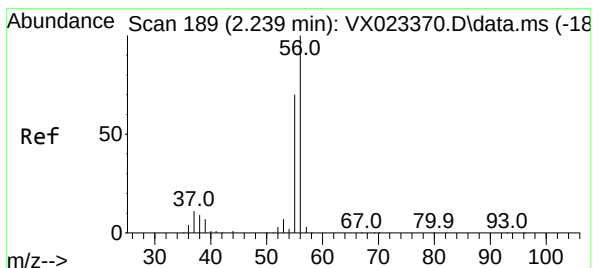
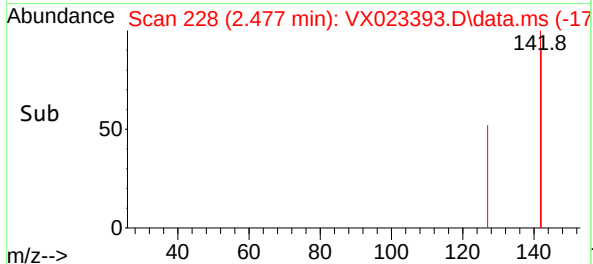
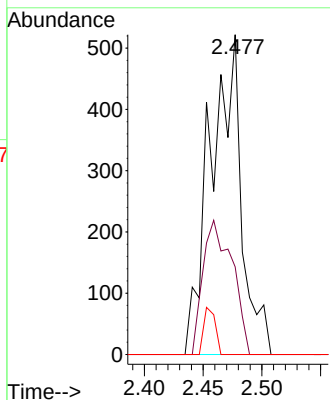
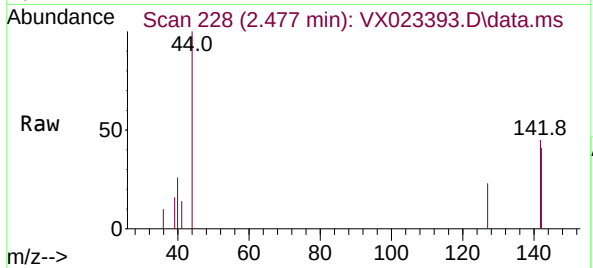




#10
Methyl Iodide
Concen: 0.443 ug/l
RT: 2.477 min Scan# 228
Delta R.T. 0.024 min
Lab File: VX023393.D
Acq: 22 Jul 2021 23:42

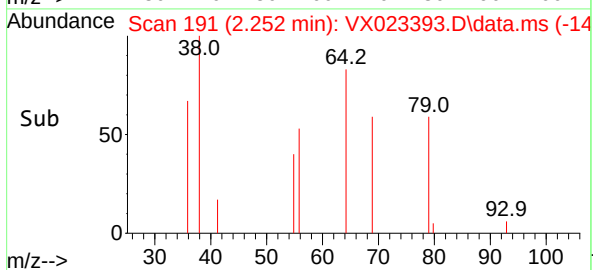
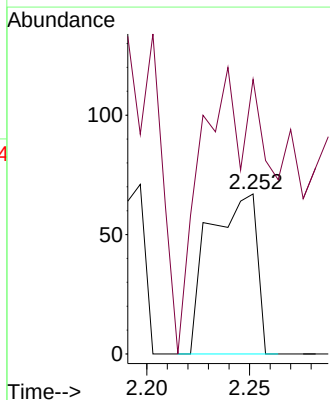
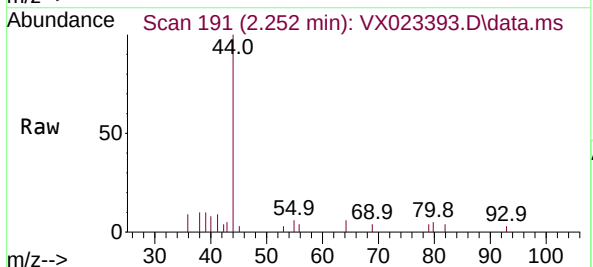
Instrument :
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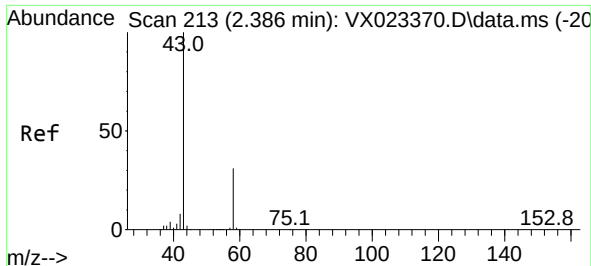
Tgt Ion:142 Resp: 958
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



#13
Acrolein
Concen: 1.785 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.013 min
Lab File: VX023393.D
Acq: 22 Jul 2021 23:42

Tgt Ion: 56 Resp: 107
Ion Ratio Lower Upper
56 100
55 244.9 56.4 84.6#

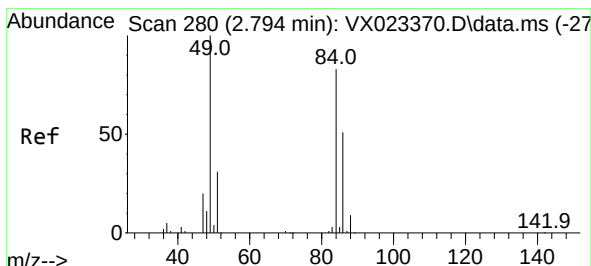
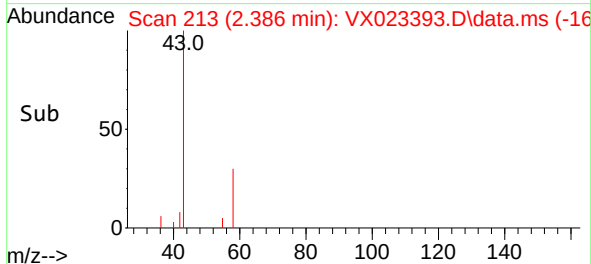
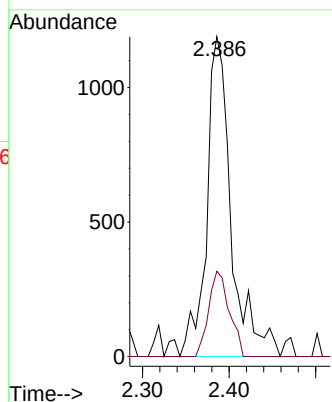
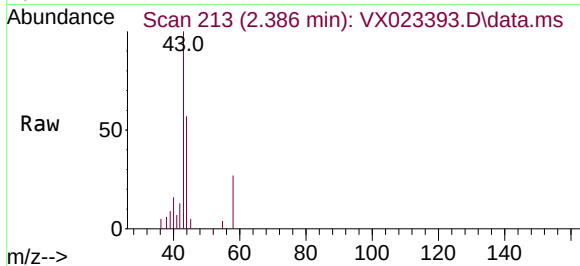




#16
Acetone
Concen: 2.186 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023393.D
Acq: 22 Jul 2021 23:42

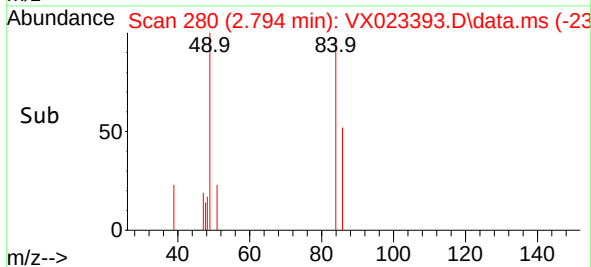
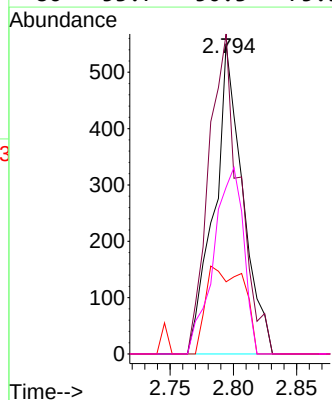
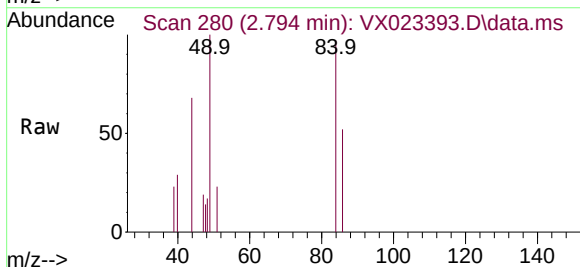
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ClientSampleId :
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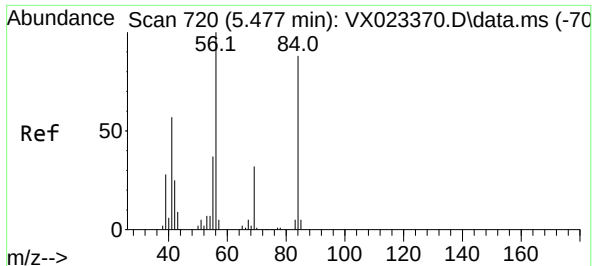
Tgt Ion: 43 Resp: 2334
Ion Ratio Lower Upper
43 100
58 26.7 27.8 41.8#



#20
Methylene Chloride
Concen: 0.417 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023393.D
Acq: 22 Jul 2021 23:42

Tgt Ion: 84 Resp: 865
Ion Ratio Lower Upper
84 100
49 103.1 88.6 132.8
51 23.2 27.0 40.6#
86 53.7 50.3 75.5

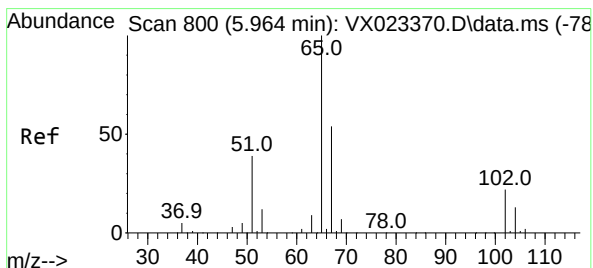
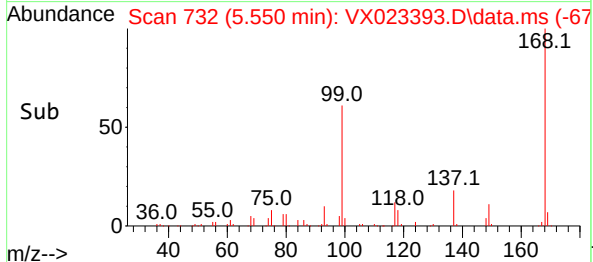
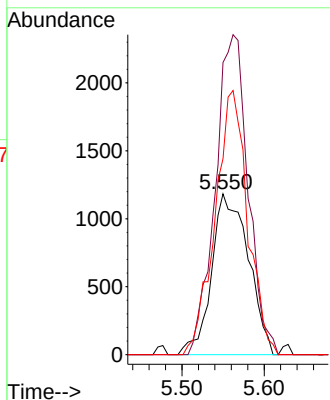
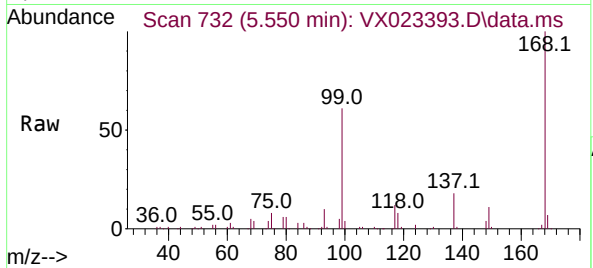




#31
Cyclohexane
Concen: 1.141 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX023393.D
Acq: 22 Jul 2021 23:42

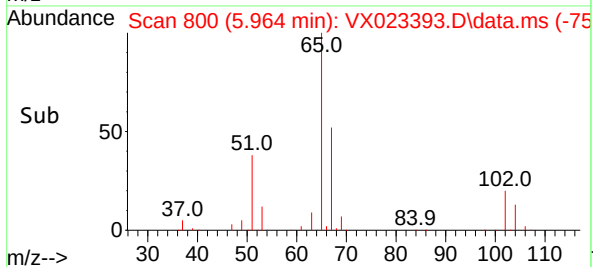
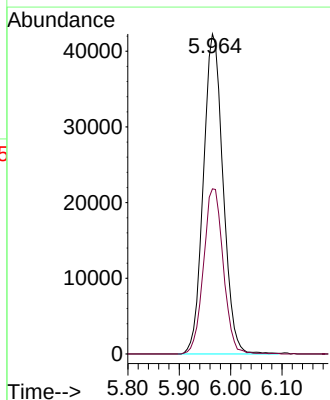
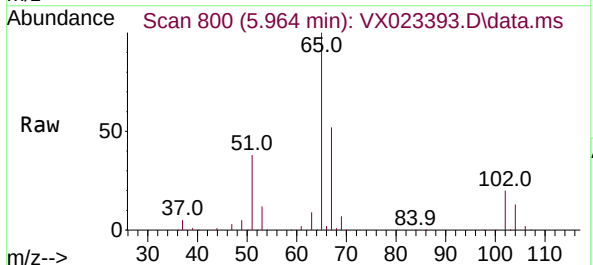
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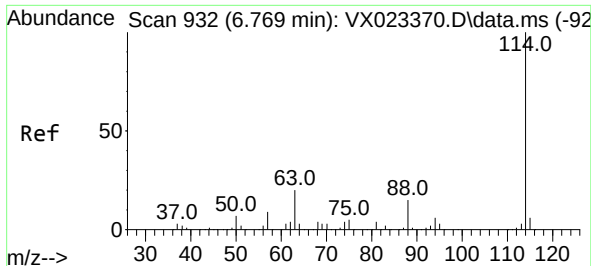
Tgt Ion: 56 Resp: 3678
Ion Ratio Lower Upper
56 100
69 181.7 25.3 37.9#
84 121.8 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 51.728 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023393.D
Acq: 22 Jul 2021 23:42

Tgt Ion: 65 Resp: 112582
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.4

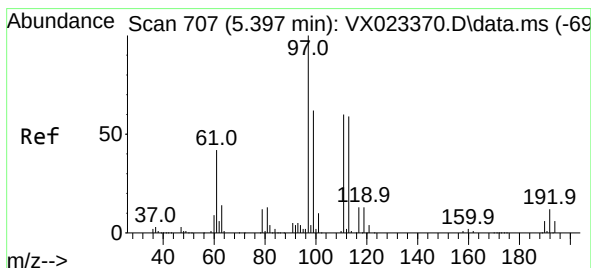
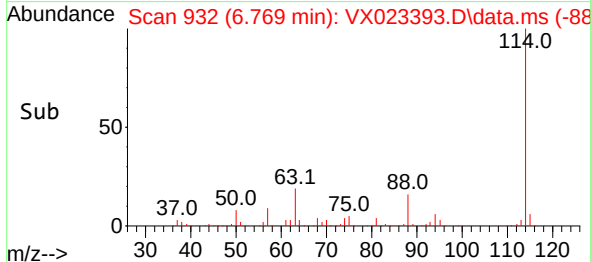
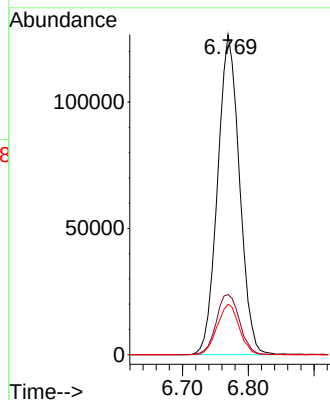
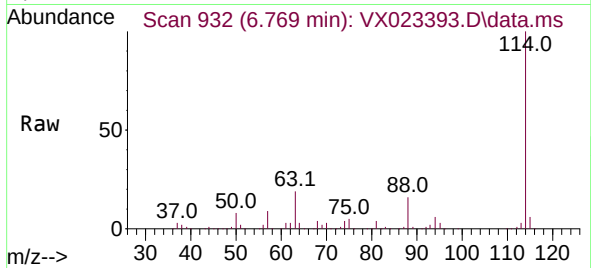




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023393.D
Acq: 22 Jul 2021 23:42

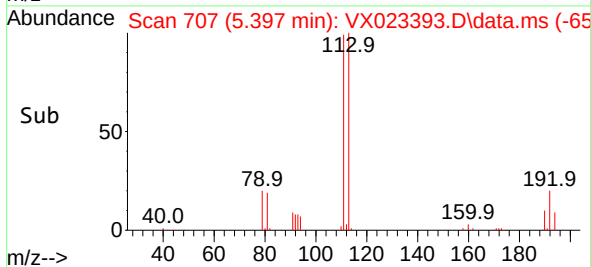
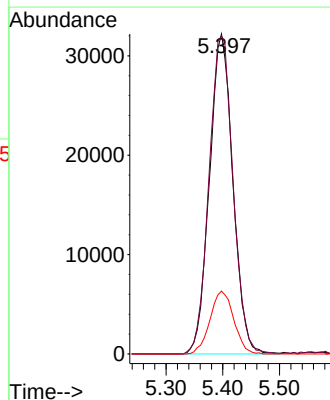
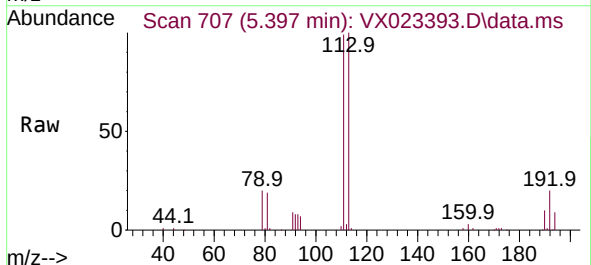
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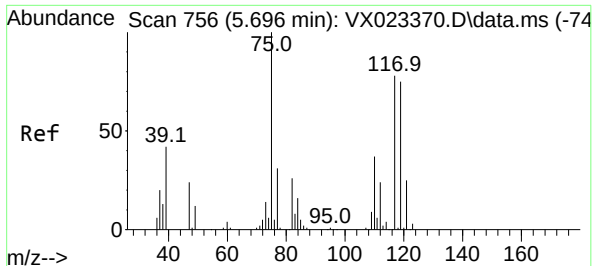
Tgt Ion:114 Resp: 293248
Ion Ratio Lower Upper
114 100
63 18.8 0.0 40.8
88 15.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.321 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023393.D
Acq: 22 Jul 2021 23:42

Tgt Ion:113 Resp: 92265
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 19.9 16.7 25.1

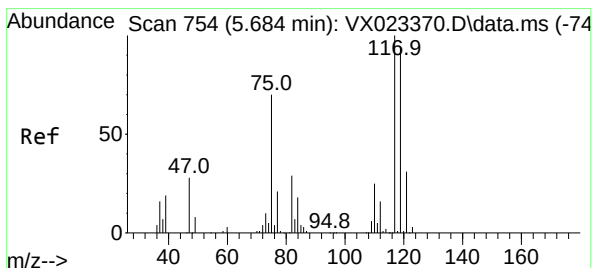
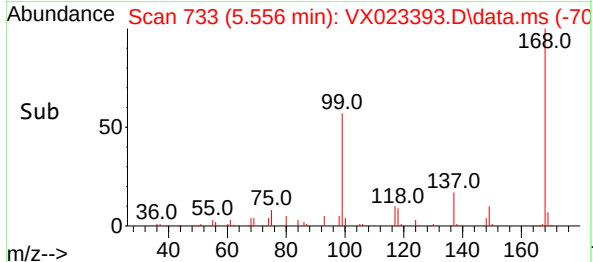
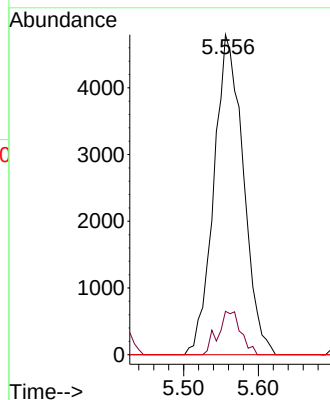
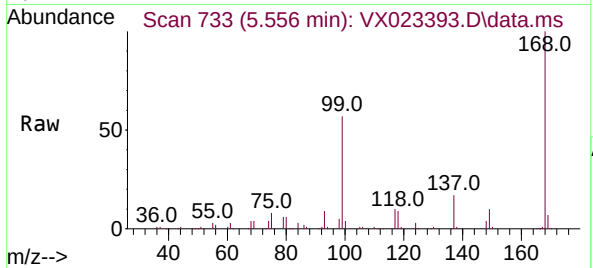




#36
1,1-Dichloropropene
Concen: 4.945 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX023393.D
Acq: 22 Jul 2021 23:42

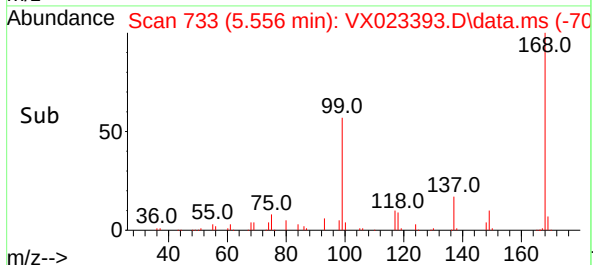
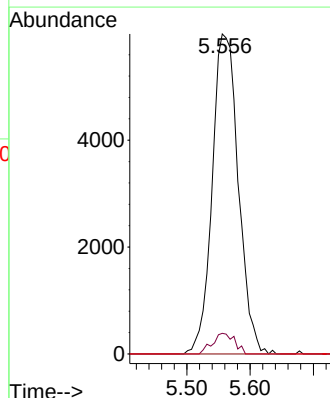
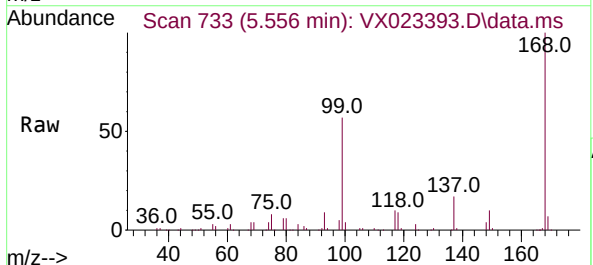
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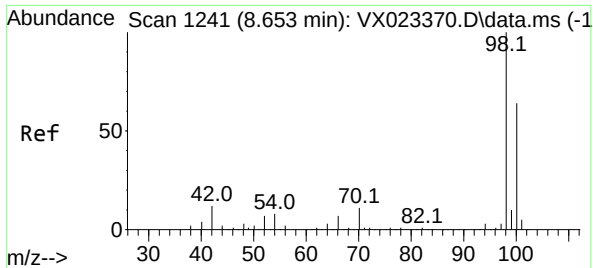
Tgt Ion: 75 Resp: 13118
Ion Ratio Lower Upper
75 100
110 10.5 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.365 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX023393.D
Acq: 22 Jul 2021 23:42

Tgt Ion: 117 Resp: 17171
Ion Ratio Lower Upper
117 100
119 6.4 76.2 114.2#
121 0.0 24.8 37.2#

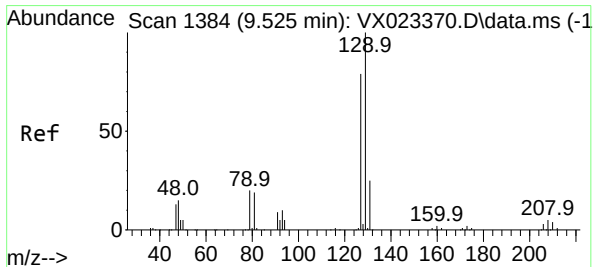
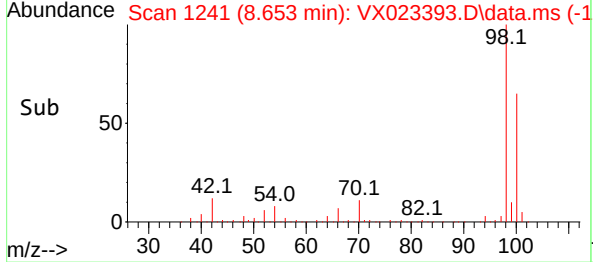
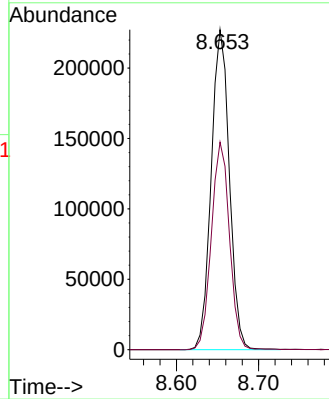
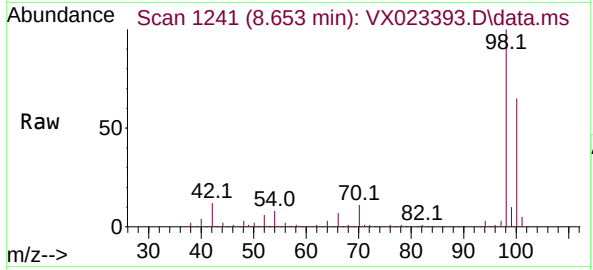




#50
Toluene-d8
Concen: 51.733 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023393.D
Acq: 22 Jul 2021 23:42

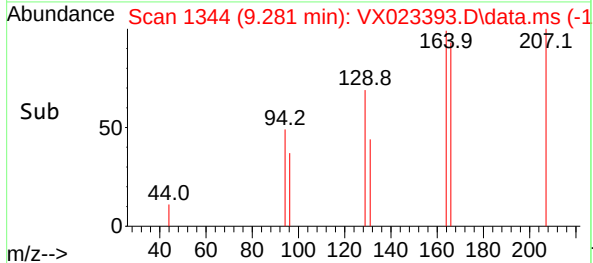
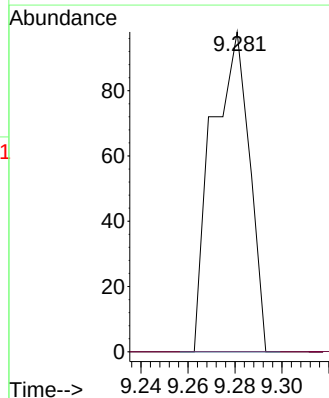
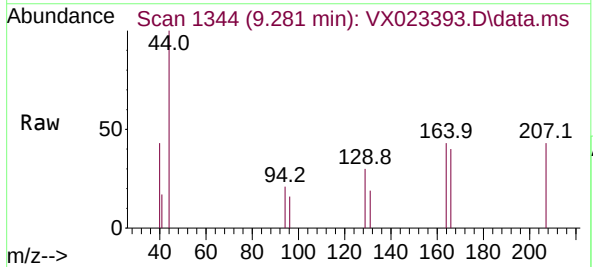
Instrument :
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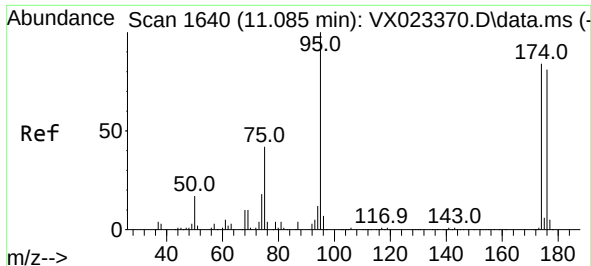
Tgt Ion: 98 Resp: 348495
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9



#60
Dibromochloromethane
Concen: 2.031 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX023393.D
Acq: 22 Jul 2021 23:42

Tgt Ion:129 Resp: 108
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

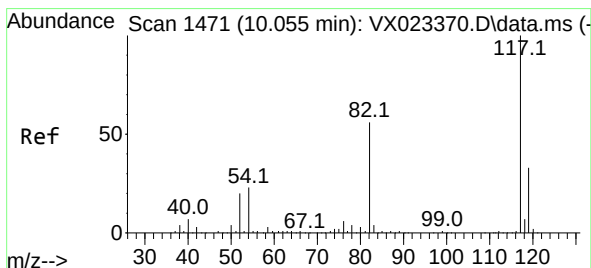
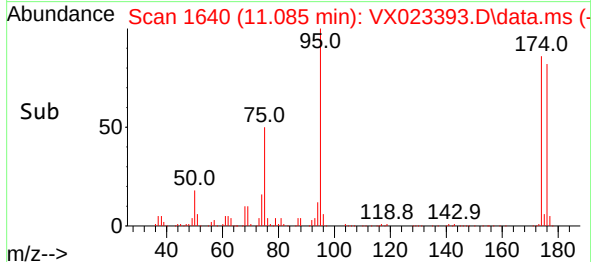
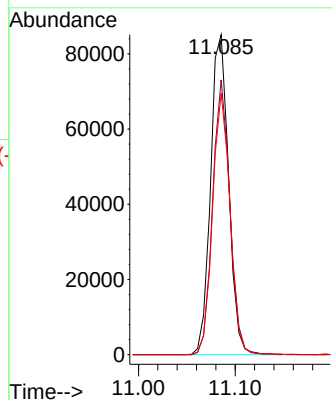
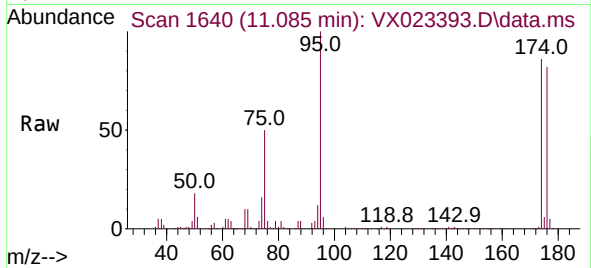




#62
4-Bromofluorobenzene
Concen: 48.192 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023393.D
Acq: 22 Jul 2021 23:42

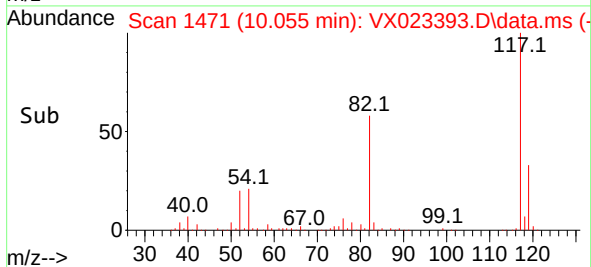
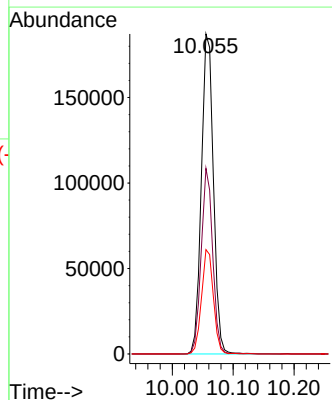
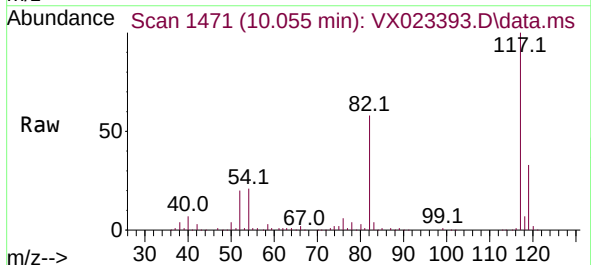
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-3S(OFFSITE)

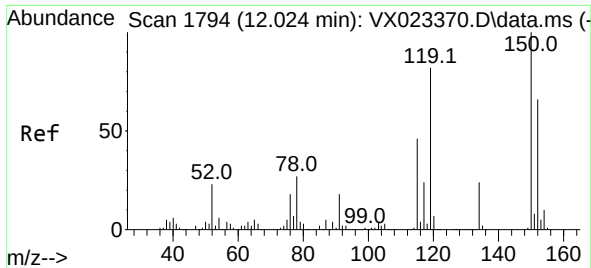
Tgt Ion: 95 Resp: 110390
Ion Ratio Lower Upper
95 100
174 82.0 0.0 154.6
176 79.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023393.D
Acq: 22 Jul 2021 23:42

Tgt Ion: 117 Resp: 257836
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.2
119 32.6 26.6 39.8

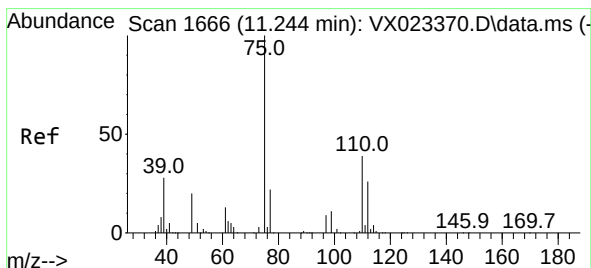
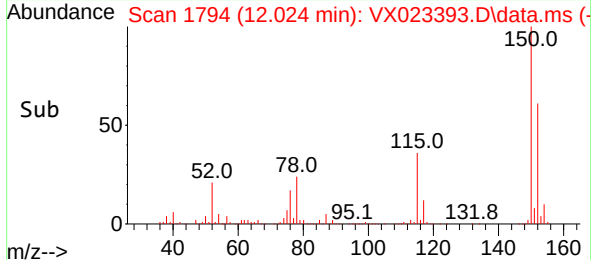
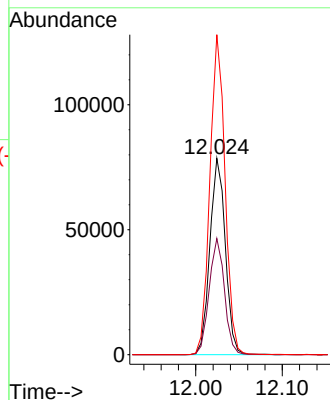
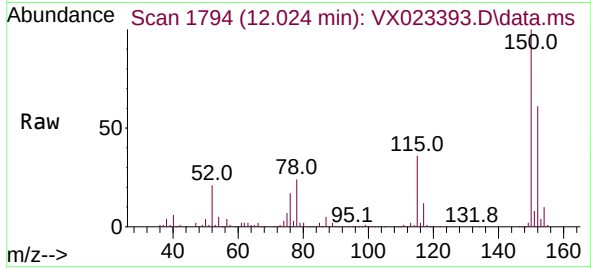




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023393.D
 Acq: 22 Jul 2021 23:42

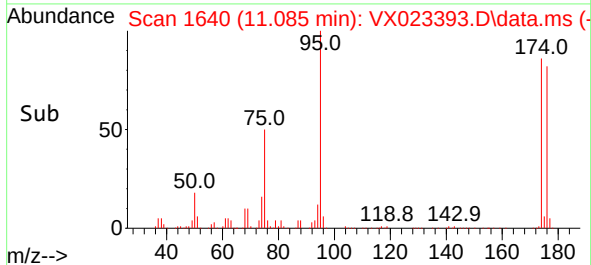
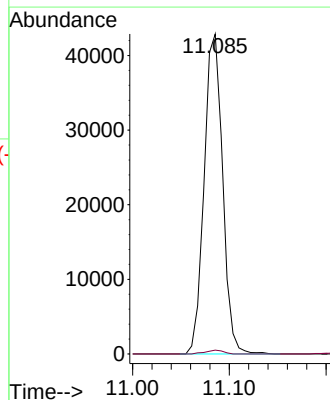
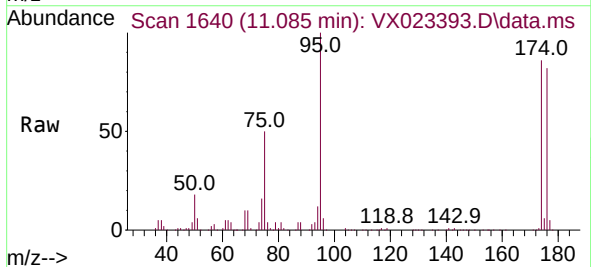
Instrument :
 MSVOA_X
 ClientSampleId :
 152140-MW-3S(OFFSITE)

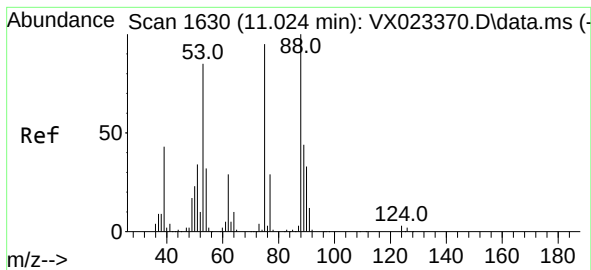
Tgt Ion:152 Resp: 97730
 Ion Ratio Lower Upper
 152 100
 115 58.5 41.1 123.3
 150 158.7 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.575 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023393.D
 Acq: 22 Jul 2021 23:42

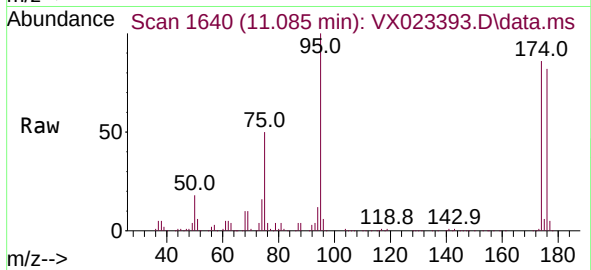
Tgt Ion: 75 Resp: 57153
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.457 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX023393.D
 Acq: 22 Jul 2021 23:42

Instrument :
 MSVOA_X
 ClientSampleId :
 152140-MW-3S(OFFSITE)



Tgt Ion: 75 Resp: 57153
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

