

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083122\
 Data File : VX031004.D
 Acq On : 01 Sep 2022 02:29
 Operator : JC/MD
 Sample : N4380-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-30

Quant Time: Sep 06 02:30:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 14:24:53 2022
 Response via : Initial Calibration

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

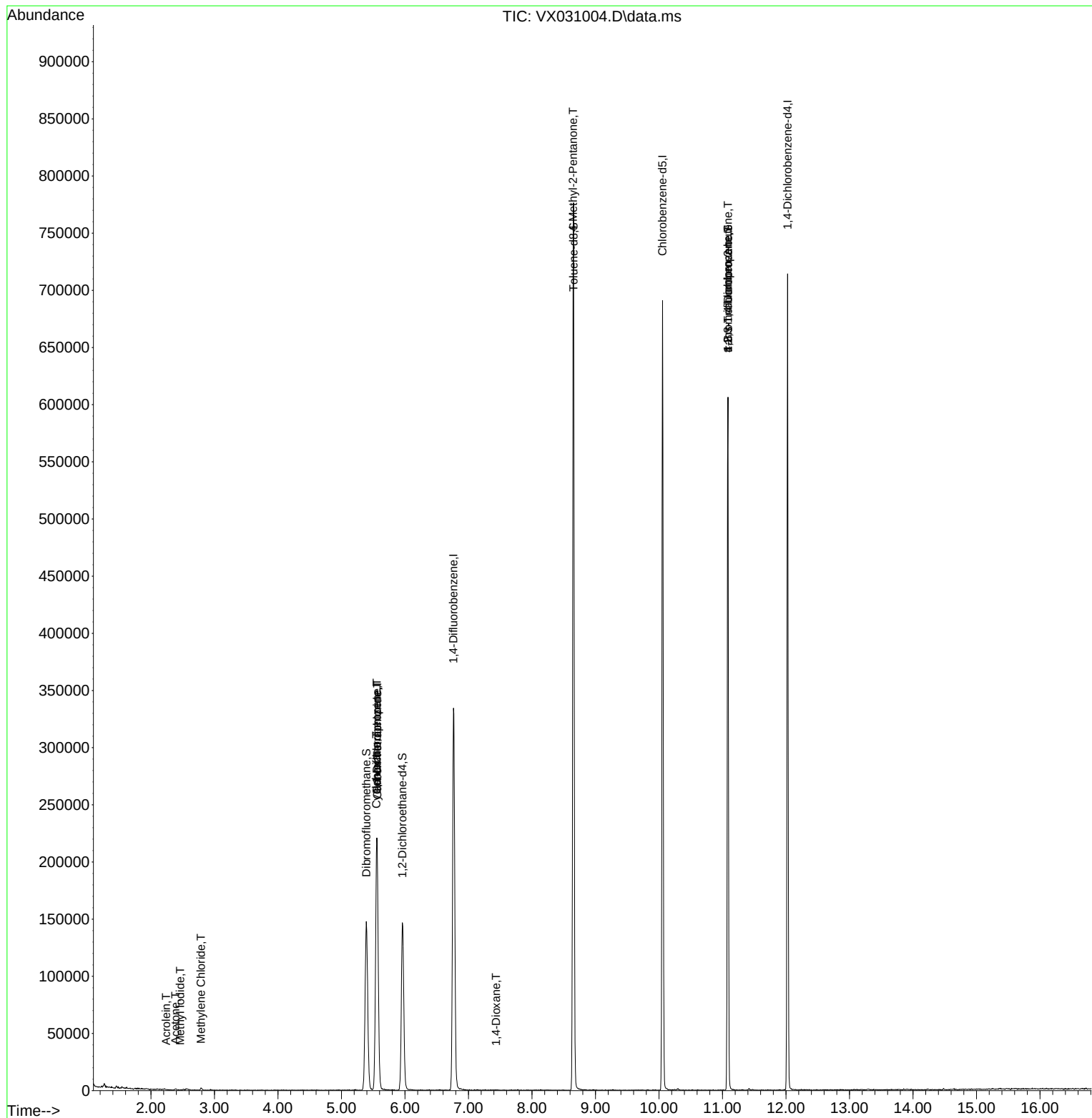
Internal Standards						
1) Pentafluorobenzene	5.556	168	221218	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	370074	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	336650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	151518	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	142234	44.828	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.660%		
35) Dibromofluoromethane	5.391	113	132480	48.563	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.120%		
50) Toluene-d8	8.653	98	491778	48.678	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.360%		
62) 4-Bromofluorobenzene	11.085	95	165908	46.116	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.240%		
Target Compounds						
5) Bromomethane	1.618	94	312	Below Cal	Qvalue 99	
10) Methyl Iodide	2.459	142	193	4.446 ug/l #	58	
13) Acrolein	2.239	56	86	7.493 ug/l #	25	
16) Acetone	2.386	43	1183	0.826 ug/l	97	
20) Methylene Chloride	2.788	84	799	0.245 ug/l	92	
31) Cyclohexane	5.550	56	3661	0.780 ug/l #	1	
36) 1,1-Dichloropropene	5.556	75	15916	3.925 ug/l #	49	
38) Carbon Tetrachloride	5.562	117	20810	5.391 ug/l #	17	
49) 1,4-Dioxane	7.434	88	19	0.218 ug/l #	25	
51) 4-Methyl-2-Pentanone	8.647	43	1607	0.368 ug/l #	1	
76) 1,2,3-Trichloropropane	11.085	75	76219	20.433 ug/l #	38	
81) trans-1,4-Dichloro-2-b...	11.085	75	76219	60.750 ug/l #	13	

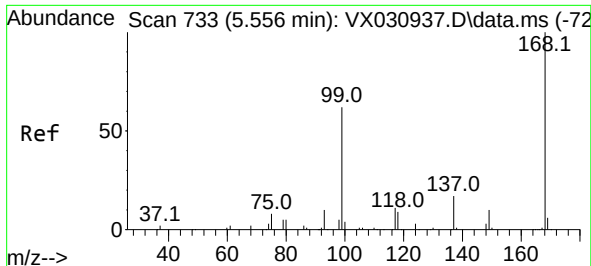
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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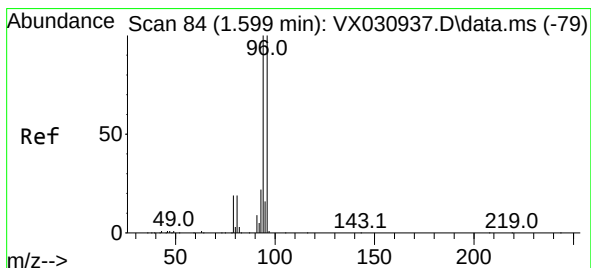
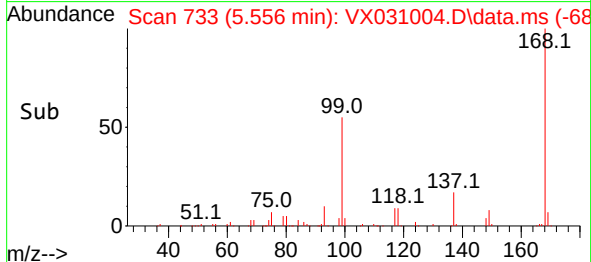
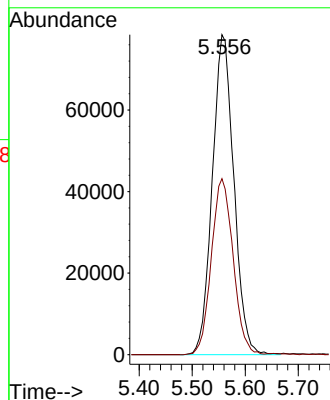
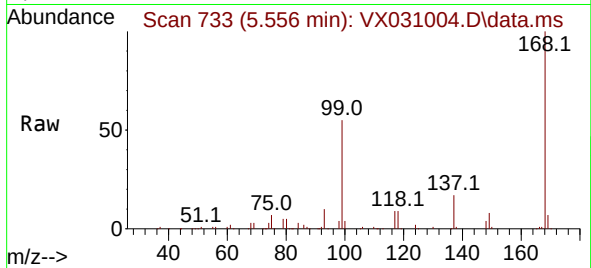




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031004.D
Acq: 01 Sep 2022 02:29

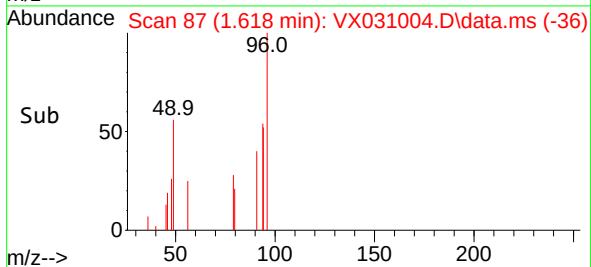
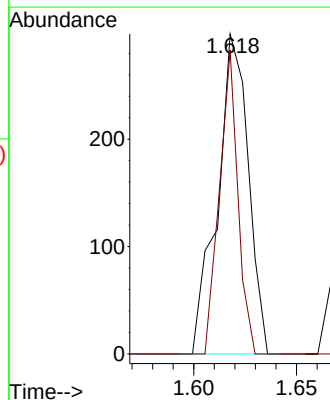
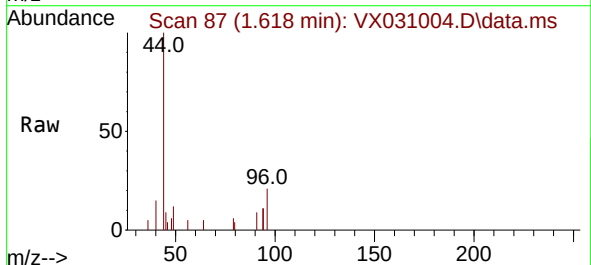
Instrument :
MSVOA_X
ClientSampleId :
MW-30

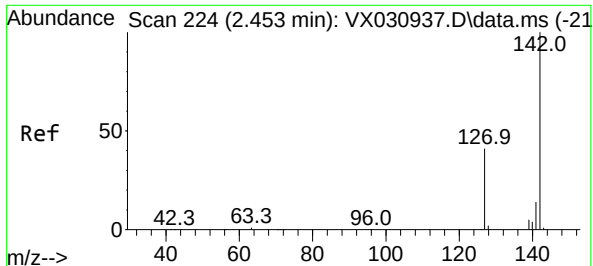
Tgt Ion:168 Resp: 221218
Ion Ratio Lower Upper
168 100
99 55.0 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.013 min
Lab File: VX031004.D
Acq: 01 Sep 2022 02:29

Tgt Ion: 94 Resp: 312
Ion Ratio Lower Upper
94 100
96 95.0 76.9 115.3

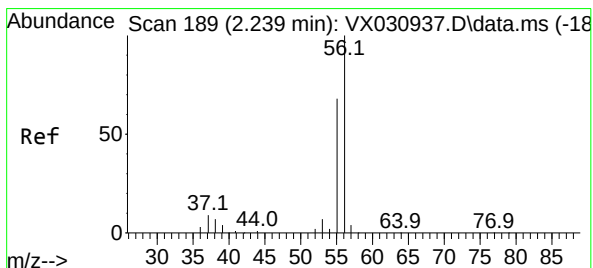
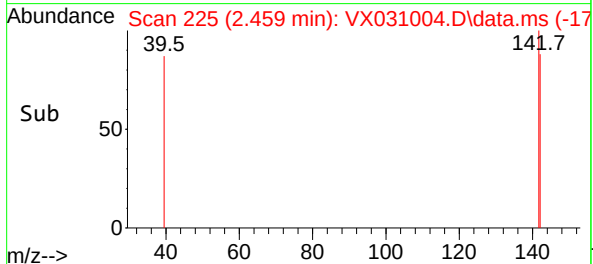
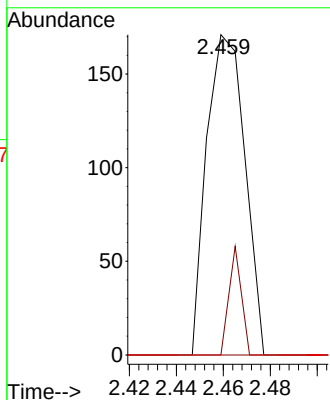
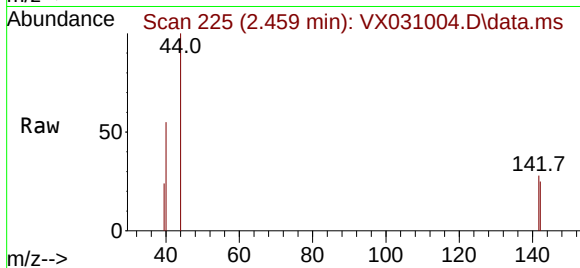




#10
Methyl Iodide
Concen: 4.446 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX031004.D
Acq: 01 Sep 2022 02:29

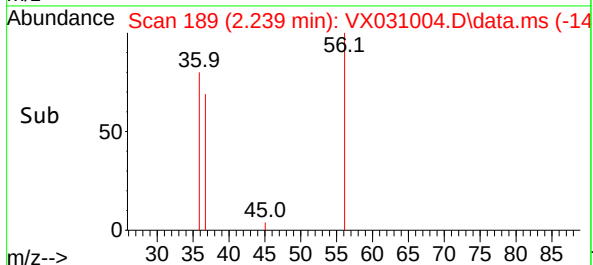
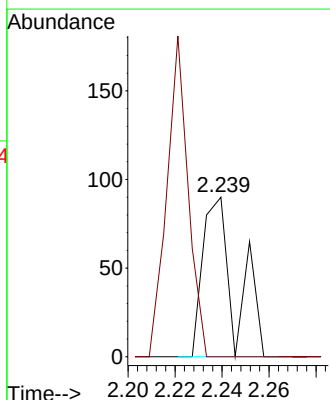
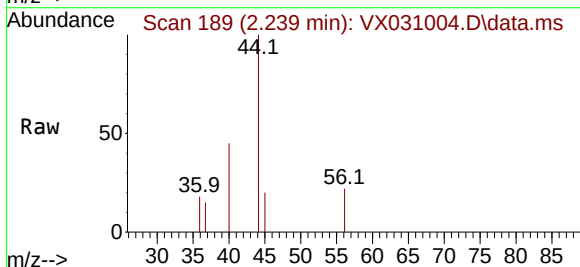
Instrument :
MSVOA_X
ClientSampleId :
MW-30

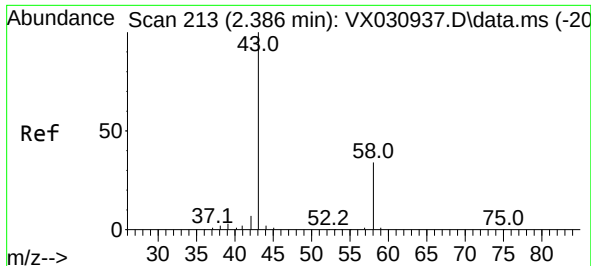
Tgt Ion:142 Resp: 193
Ion Ratio Lower Upper
142 100
127 10.9 30.2 45.2#
141 0.0 11.3 16.9#



#13
Acrolein
Concen: 7.493 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX031004.D
Acq: 01 Sep 2022 02:29

Tgt Ion: 56 Resp: 86
Ion Ratio Lower Upper
56 100
55 132.6 56.6 84.8#

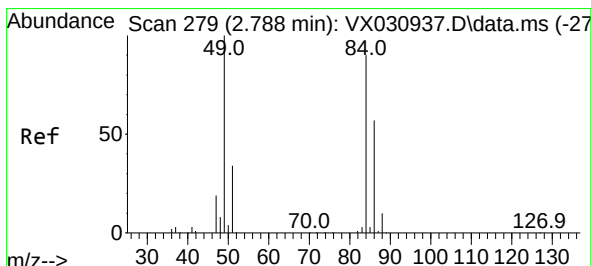
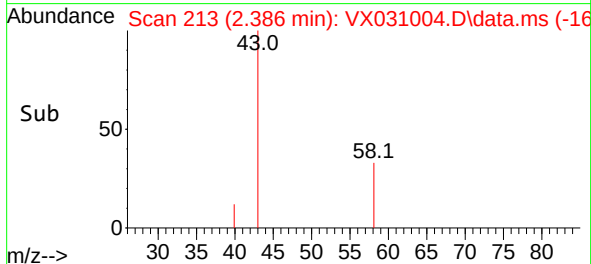
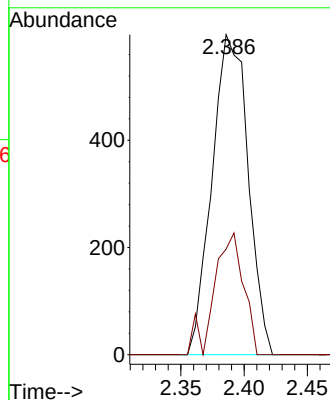
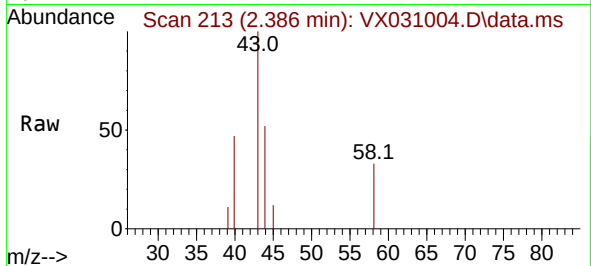




#16
Acetone
Concen: 0.826 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX031004.D
Acq: 01 Sep 2022 02:29

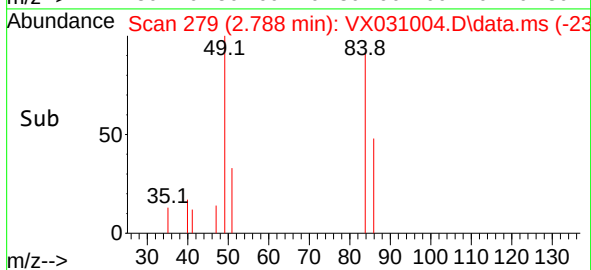
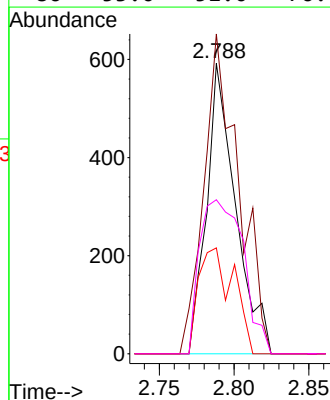
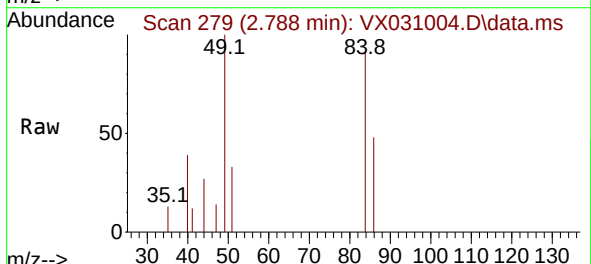
Instrument :
MSVOA_X
ClientSampleId :
MW-30

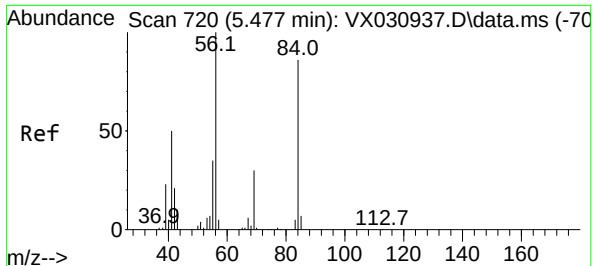
Tgt Ion: 43 Resp: 1183
Ion Ratio Lower Upper
43 100
58 33.0 27.7 41.5



#20
Methylene Chloride
Concen: 0.245 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031004.D
Acq: 01 Sep 2022 02:29

Tgt Ion: 84 Resp: 799
Ion Ratio Lower Upper
84 100
49 110.1 93.8 140.6
51 36.5 29.4 44.0
86 53.0 51.0 76.4

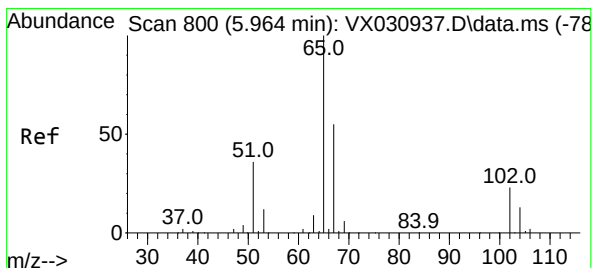
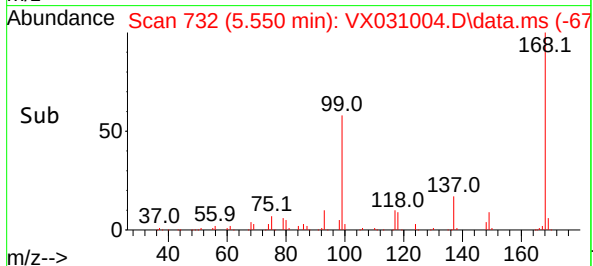
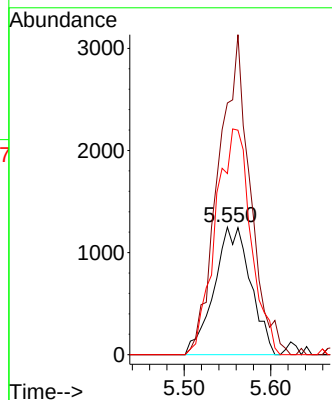
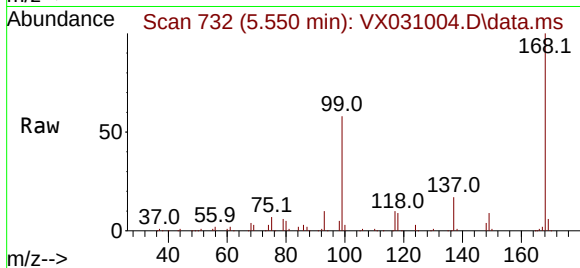




#31
Cyclohexane
Concen: 0.780 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX031004.D
Acq: 01 Sep 2022 02:29

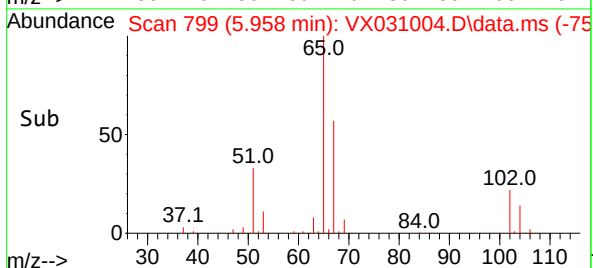
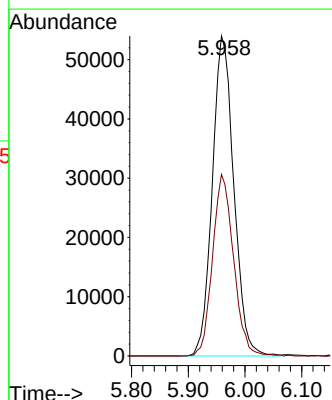
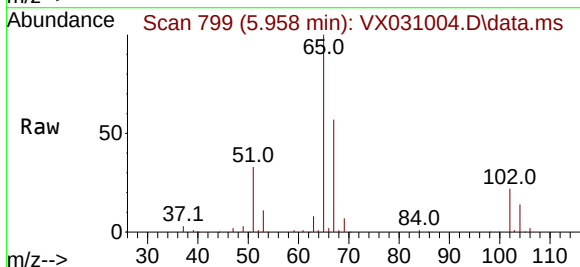
Instrument :
MSVOA_X
ClientSampleId :
MW-30

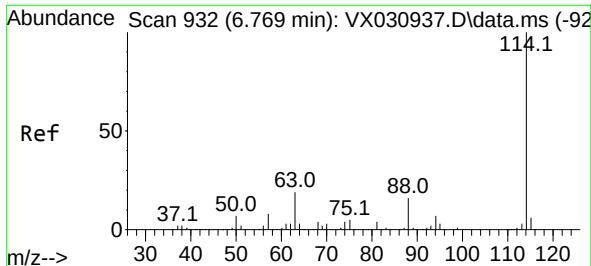
Tgt Ion: 56 Resp: 3661
Ion Ratio Lower Upper
56 100
69 197.4 25.4 38.0#
84 142.0 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 44.828 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031004.D
Acq: 01 Sep 2022 02:29

Tgt Ion: 65 Resp: 142234
Ion Ratio Lower Upper
65 100
67 55.5 0.0 109.6

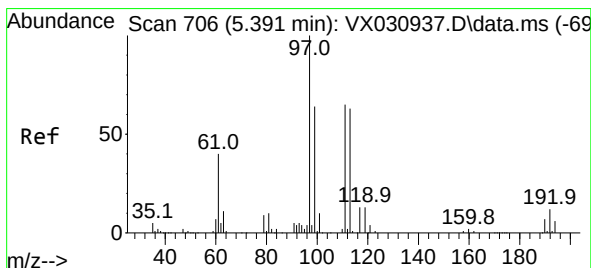
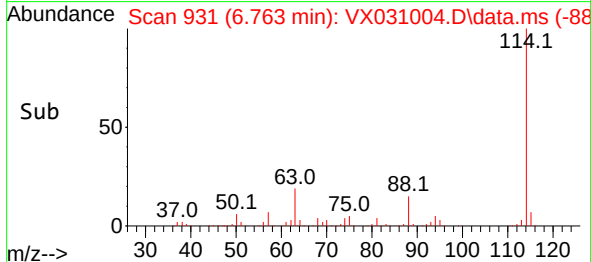
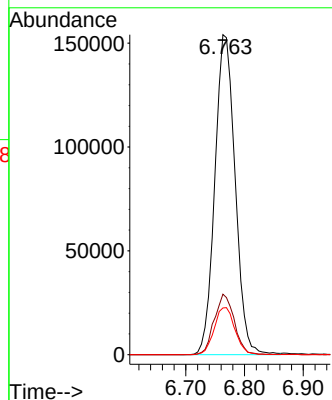
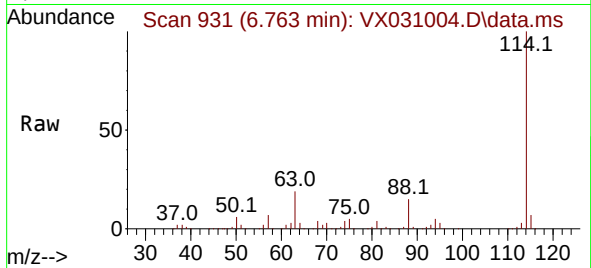




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX031004.D
Acq: 01 Sep 2022 02:29

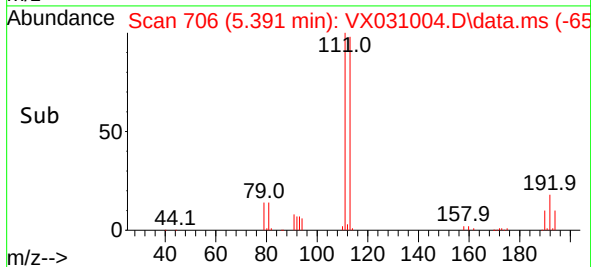
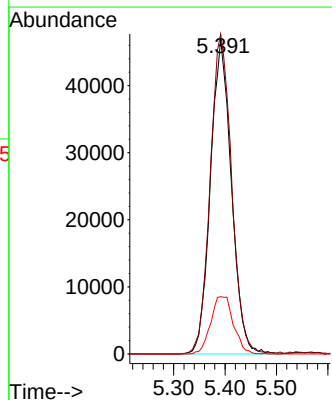
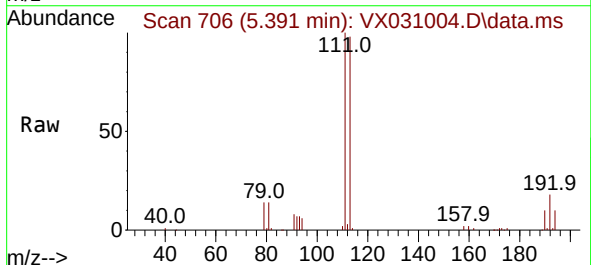
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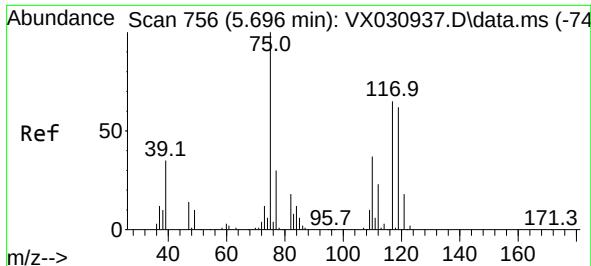
Tgt Ion:114 Resp: 370074
Ion Ratio Lower Upper
114 100
63 18.9 0.0 38.4
88 14.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 48.563 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031004.D
Acq: 01 Sep 2022 02:29

Tgt Ion:113 Resp: 132480
Ion Ratio Lower Upper
113 100
111 104.0 83.2 124.8
192 19.8 14.8 22.2

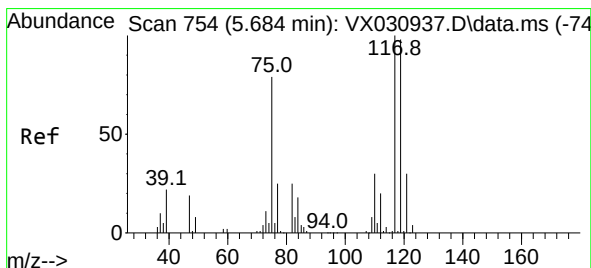
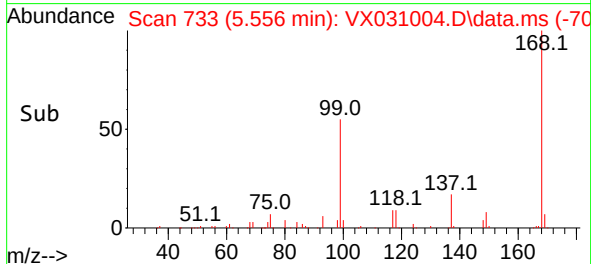
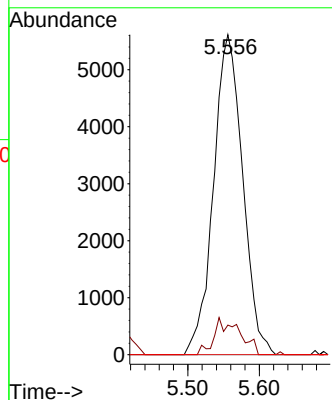
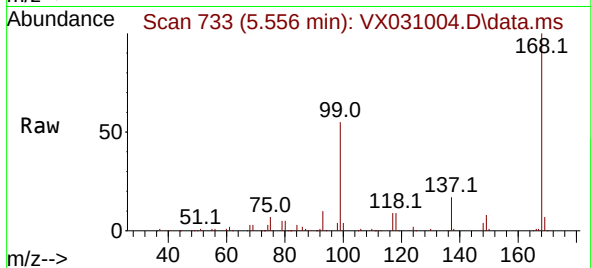




#36
1,1-Dichloropropene
Concen: 3.925 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX031004.D
Acq: 01 Sep 2022 02:29

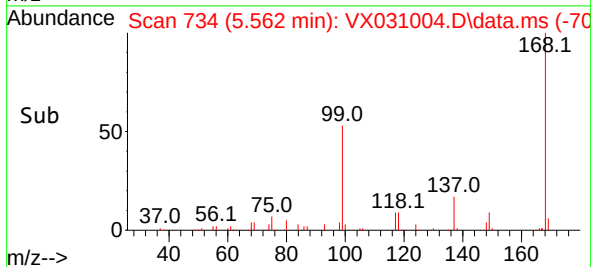
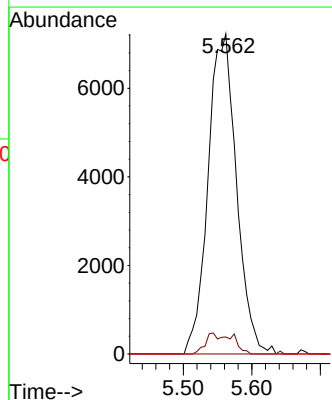
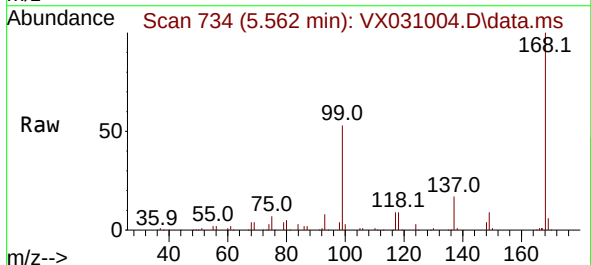
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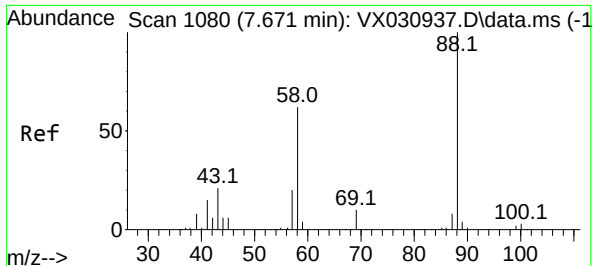
Tgt Ion: 75 Resp: 15916
Ion Ratio Lower Upper
75 100
110 10.0 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.391 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX031004.D
Acq: 01 Sep 2022 02:29

Tgt Ion: 117 Resp: 20810
Ion Ratio Lower Upper
117 100
119 5.3 74.1 111.1#
121 0.0 25.8 38.8#





#49

1,4-Dioxane

Concen: 0.218 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.243 min

Lab File: VX031004.D

Acq: 01 Sep 2022 02:29

Instrument :

MSVOA_X

ClientSampleId :

MW-30

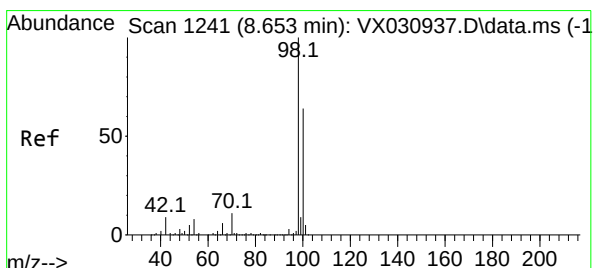
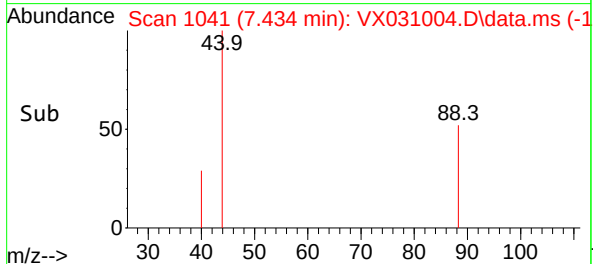
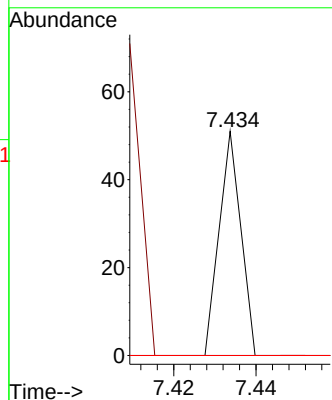
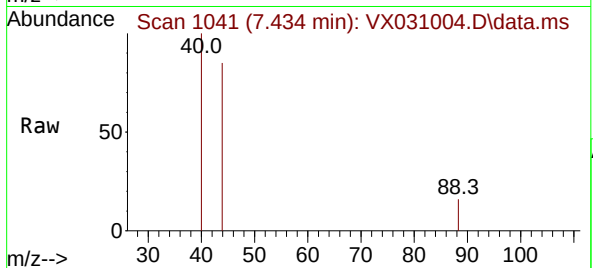
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 0.0 23.8 35.8#

58 0.0 53.8 80.6#



#50

Toluene-d8

Concen: 48.678 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX031004.D

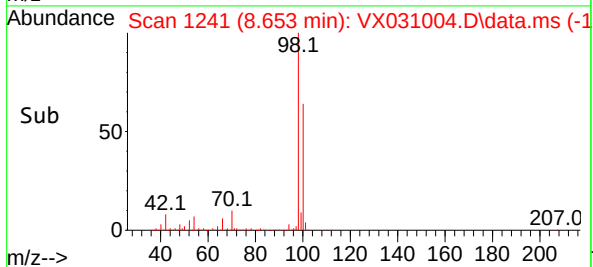
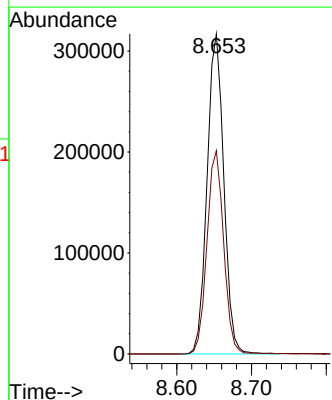
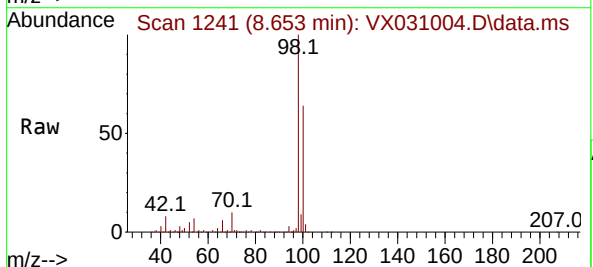
Acq: 01 Sep 2022 02:29

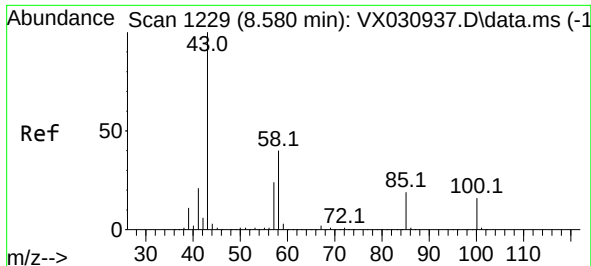
Tgt Ion: 98 Resp: 491778

Ion Ratio Lower Upper

98 100

100 63.5 52.3 78.5

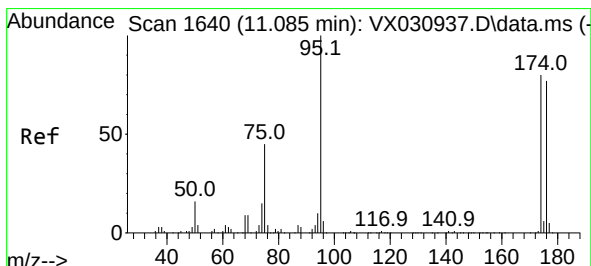
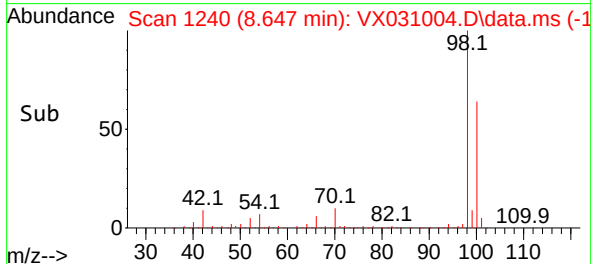
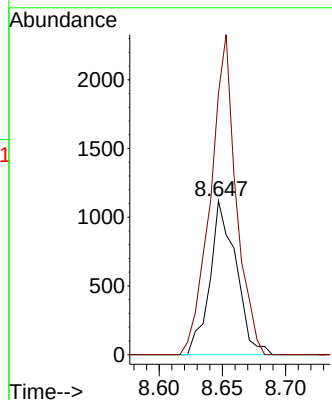
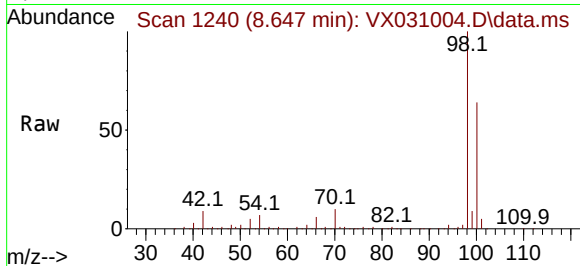




#51
4-Methyl-2-Pentanone
Concen: 0.368 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX031004.D
Acq: 01 Sep 2022 02:29

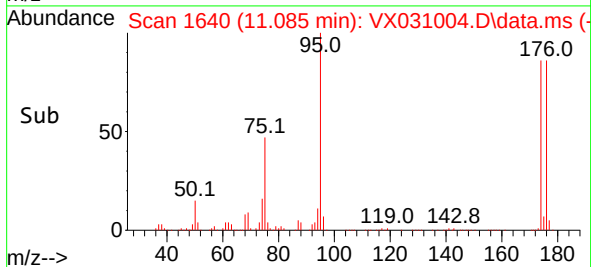
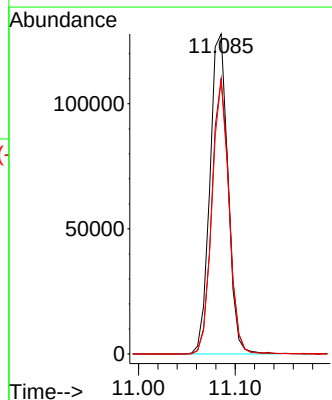
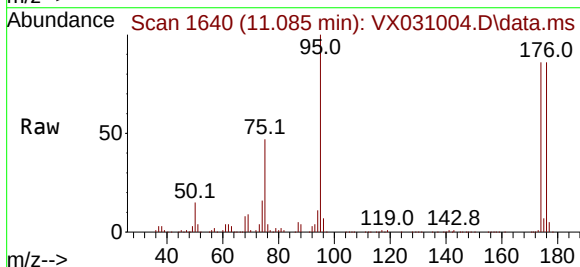
Instrument :
MSVOA_X
ClientSampleId :
MW-30

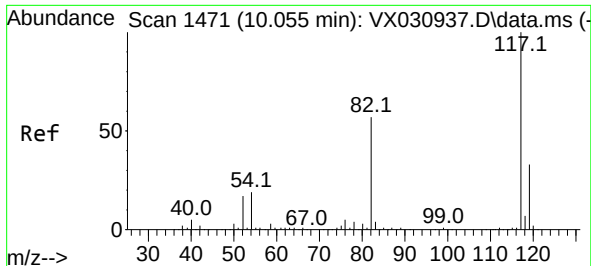
Tgt Ion: 43 Resp: 1607
Ion Ratio Lower Upper
43 100
58 204.3 31.4 47.2#



#62
4-Bromofluorobenzene
Concen: 46.116 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX031004.D
Acq: 01 Sep 2022 02:29

Tgt Ion: 95 Resp: 165908
Ion Ratio Lower Upper
95 100
174 82.8 0.0 149.0
176 80.4 0.0 146.0

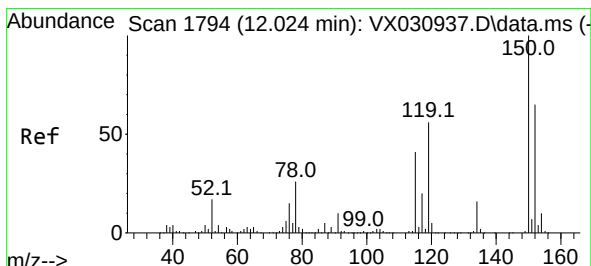
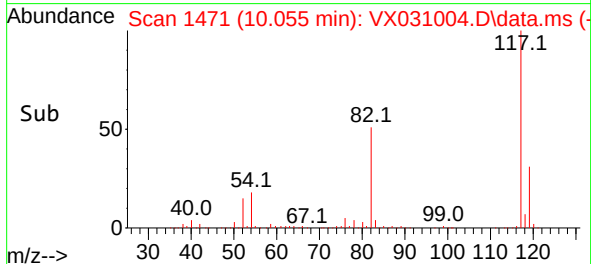
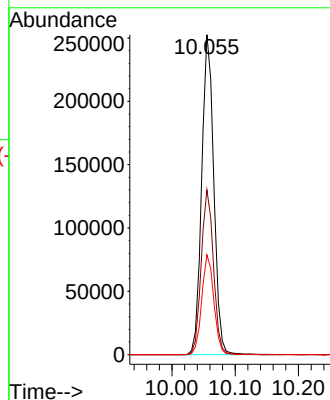
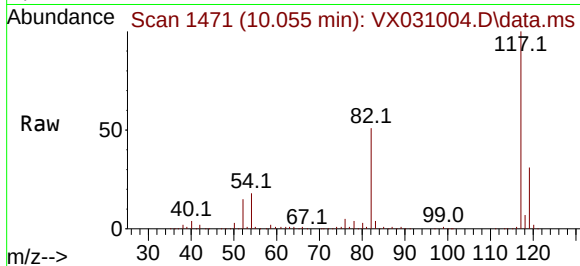




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031004.D
Acq: 01 Sep 2022 02:29

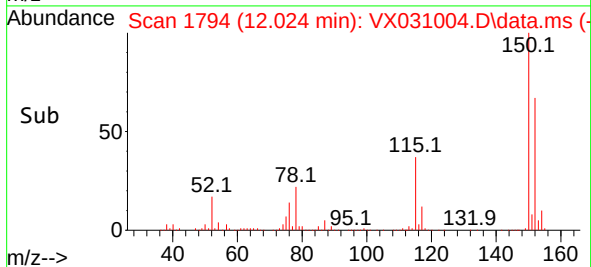
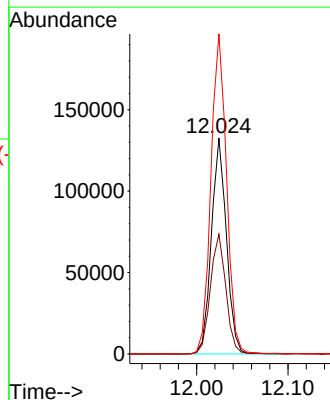
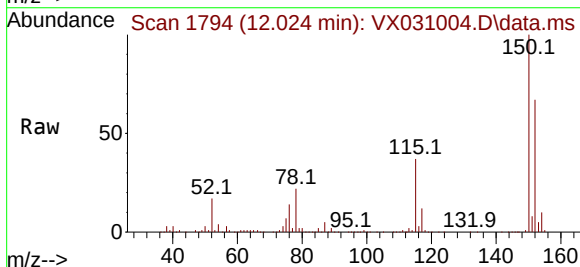
Instrument :
MSVOA_X
ClientSampleId :
MW-30

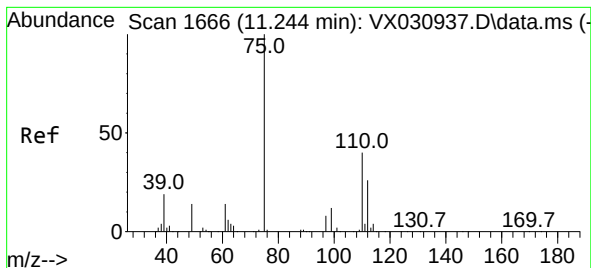
Tgt Ion:117 Resp: 336650
Ion Ratio Lower Upper
117 100
82 51.5 42.7 64.1
119 31.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031004.D
Acq: 01 Sep 2022 02:29

Tgt Ion:152 Resp: 151518
Ion Ratio Lower Upper
152 100
115 57.2 40.5 121.5
150 154.0 0.0 347.0





#76

1,2,3-Trichloropropane

Concen: 20.433 ug/l

RT: 11.085 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX031004.D

Acq: 01 Sep 2022 02:29

Instrument :

MSVOA_X

ClientSampleId :

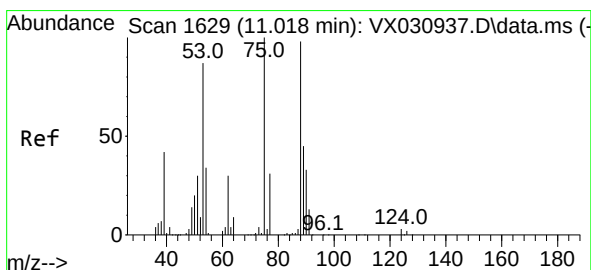
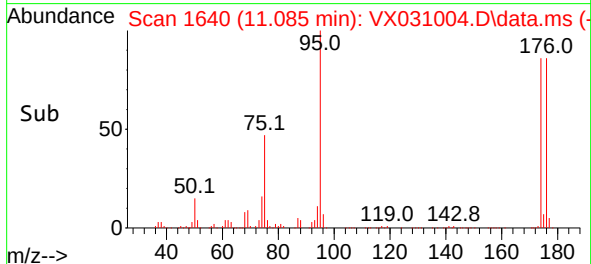
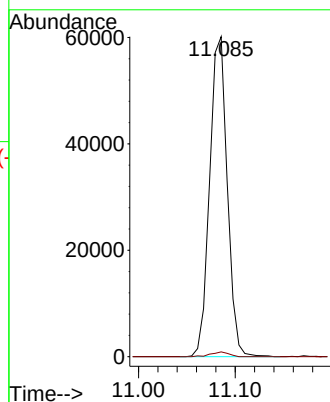
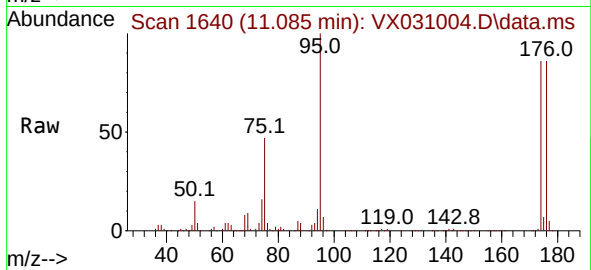
MW-30

Tgt Ion: 75 Resp: 76219

Ion Ratio Lower Upper

75 100

77 1.5 19.8 59.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 60.750 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.061 min

Lab File: VX031004.D

Acq: 01 Sep 2022 02:29

Tgt Ion: 75 Resp: 76219

Ion Ratio Lower Upper

75 100

53 0.0 74.2 111.4#

89 0.1 34.8 52.2#

