

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090822\
 Data File : VX031212.D
 Acq On : 08 Sep 2022 15:26
 Operator : JC/MD
 Sample : VX0908WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908WBL01

Quant Time: Sep 08 18:39:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

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

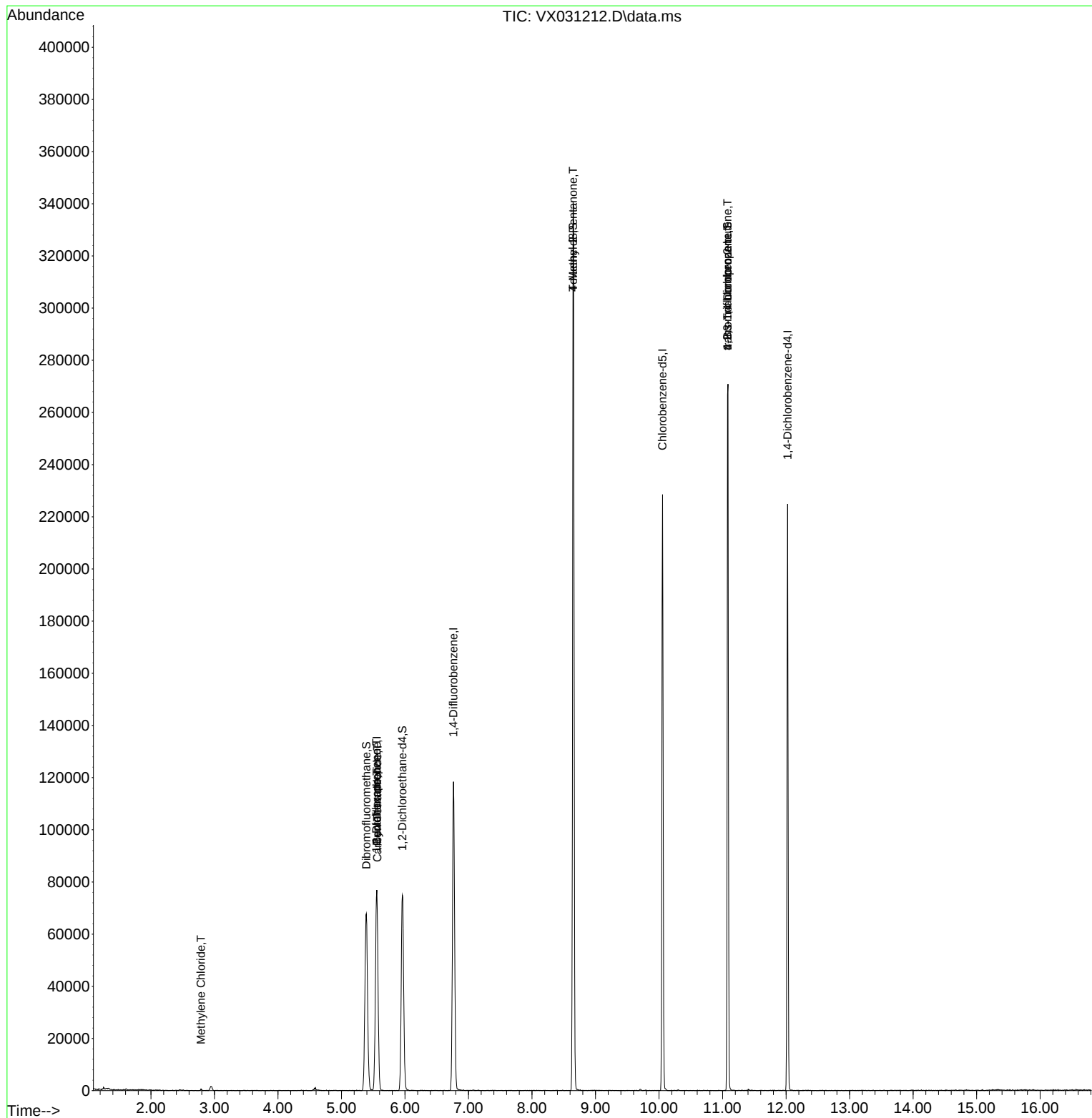
Internal Standards						
1) Pentafluorobenzene	5.556	168	64170	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	116362	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	98594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	39605	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83677	55.078	ug/l	0.00
Spiked Amount 50.000	Range	74 - 125	Recovery	=	110.160%	
35) Dibromofluoromethane	5.391	113	60626	47.811	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	95.620%	
50) Toluene-d8	8.647	98	208586	45.276	ug/l	0.00
Spiked Amount 50.000	Range	86 - 113	Recovery	=	90.560%	
62) 4-Bromofluorobenzene	11.079	95	77031	45.625	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	=	91.260%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	1108	Below Cal	#	74
20) Methylene Chloride	2.788	84	318	0.257	ug/l #	73
31) Cyclohexane	5.556	56	1532	0.902	ug/l #	26
36) 1,1-Dichloropropene	5.550	75	5795	3.052	ug/l #	48
38) Carbon Tetrachloride	5.562	117	8195	4.102	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	751	0.462	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	43554	40.295	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	43554	129.946	ug/l #	13

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

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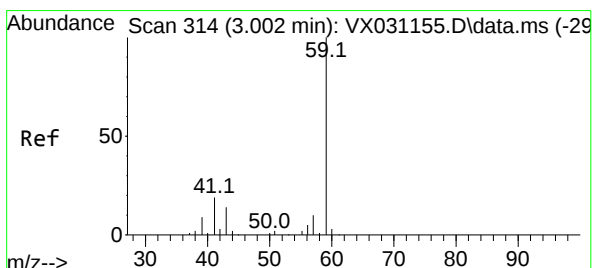
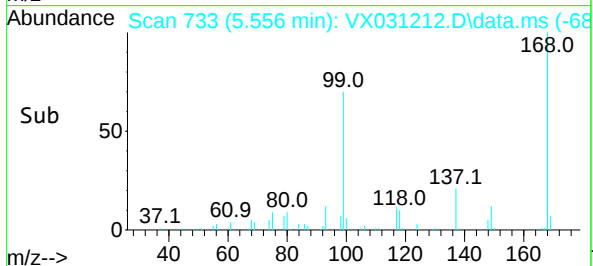
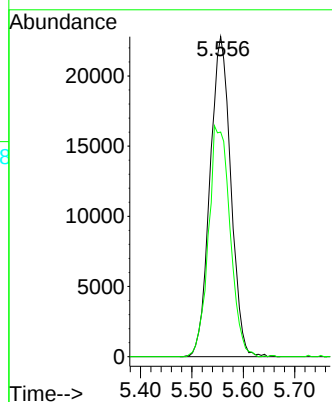
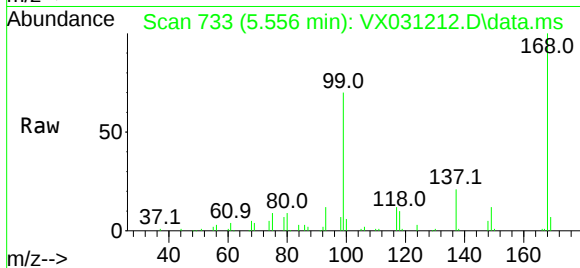




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031212.D
Acq: 08 Sep 2022 15:26

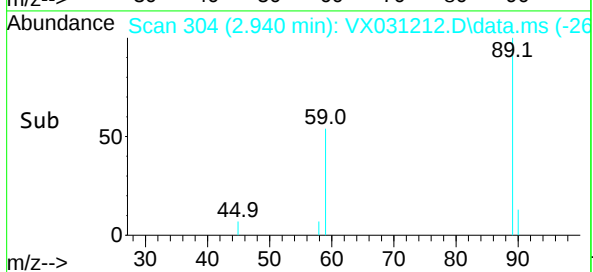
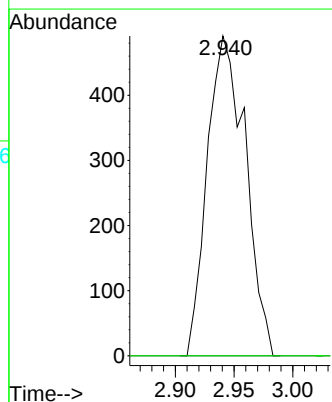
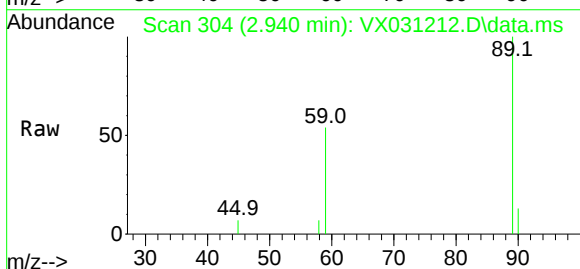
Instrument :
MSVOA_X
ClientSampleId :
VX0908WBL01

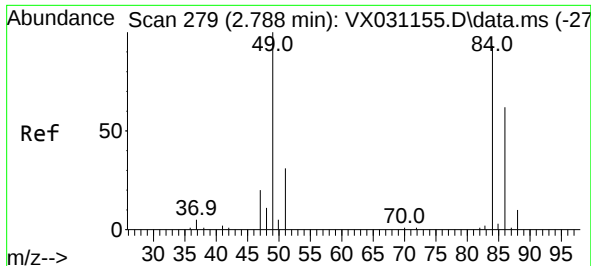
Tgt Ion:168 Resp: 64170
Ion Ratio Lower Upper
168 100
99 70.2 44.0 66.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 304
Delta R.T. -0.062 min
Lab File: VX031212.D
Acq: 08 Sep 2022 15:26

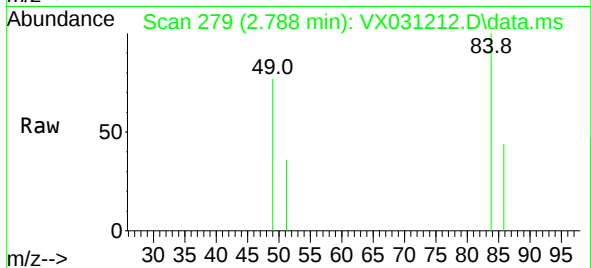
Tgt Ion: 59 Resp: 1108
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



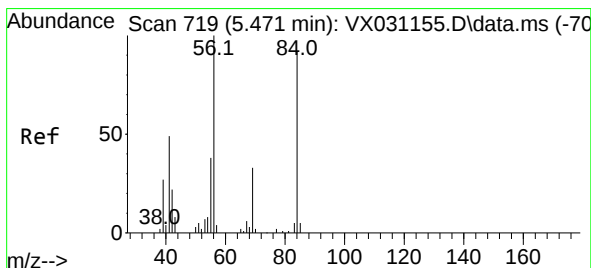
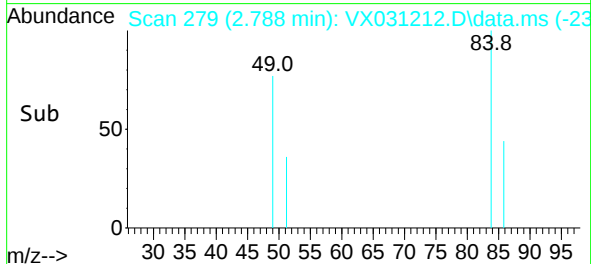
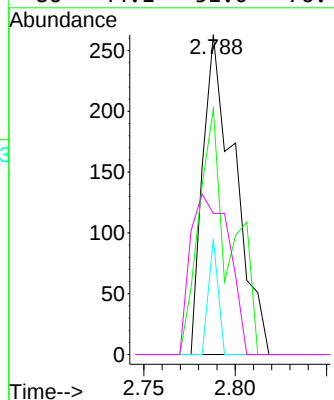


#20
Methylene Chloride
Concen: 0.257 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031212.D
Acq: 08 Sep 2022 15:26

Instrument :
MSVOA_X
ClientSampleId :
VX0908WBL01

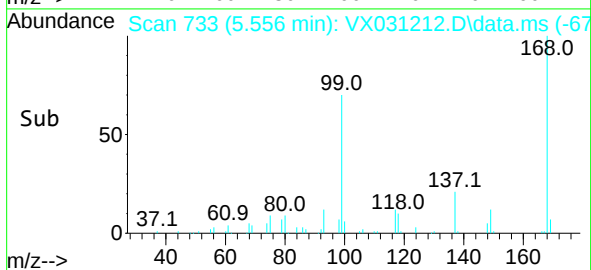
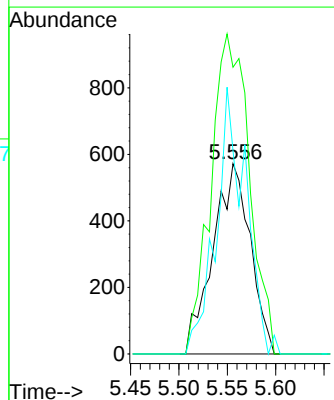
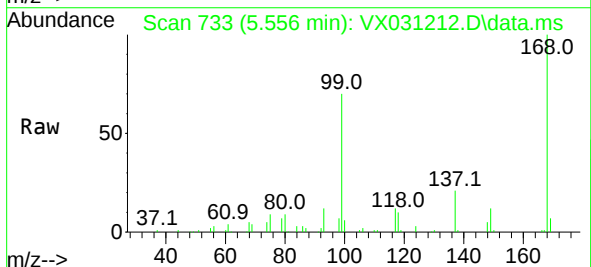


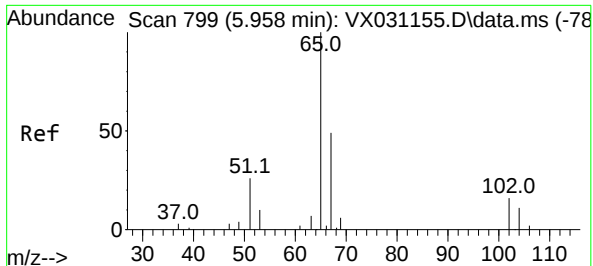
Tgt Ion:	84	Resp:	318
Ion	Ratio	Lower	Upper
84	100		
49	76.8	93.8	140.6#
51	36.1	29.4	44.0
86	44.1	51.0	76.4#



#31
Cyclohexane
Concen: 0.902 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX031212.D
Acq: 08 Sep 2022 15:26

Tgt Ion:	56	Resp:	1532
Ion	Ratio	Lower	Upper
56	100		
69	150.7	25.4	38.0#
84	106.8	68.9	103.3#





#33

1,2-Dichloroethane-d4

Concen: 55.078 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX031212.D

Acq: 08 Sep 2022 15:26

Instrument :

MSVOA_X

ClientSampleId :

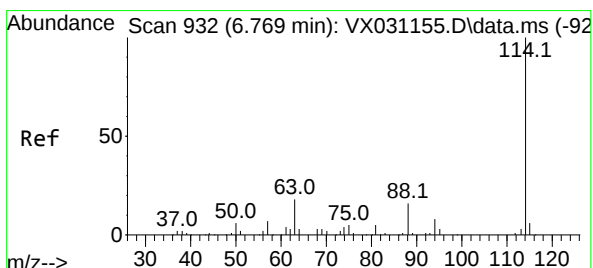
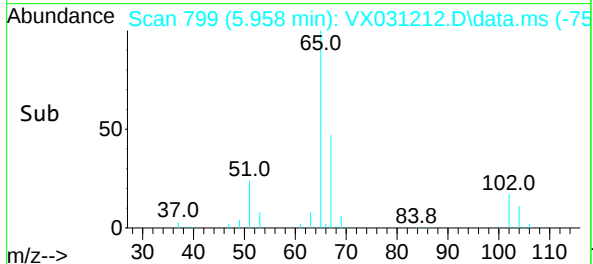
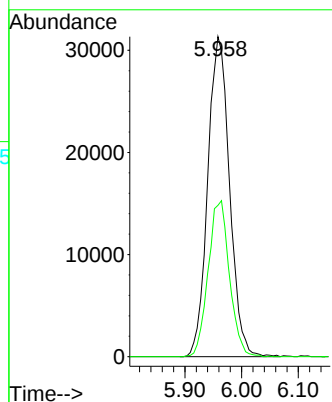
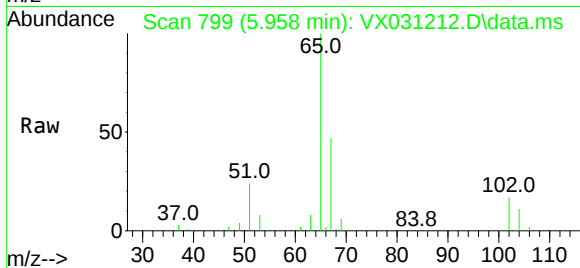
VX0908WBL01

Tgt Ion: 65 Resp: 83677

Ion Ratio Lower Upper

65 100

67 47.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX031212.D

Acq: 08 Sep 2022 15:26

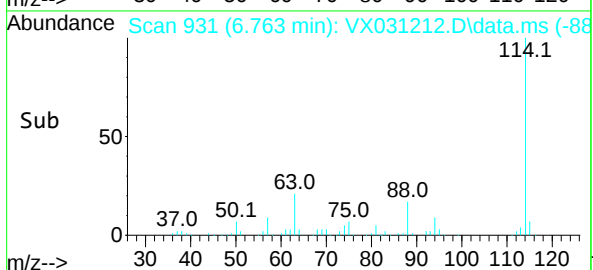
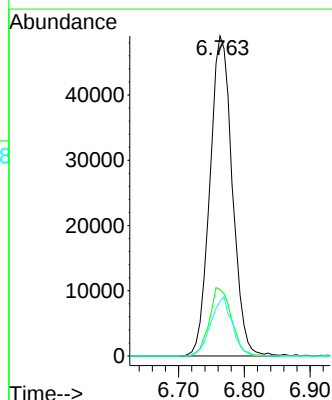
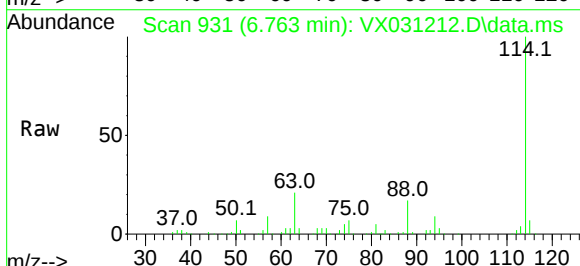
Tgt Ion: 114 Resp: 116362

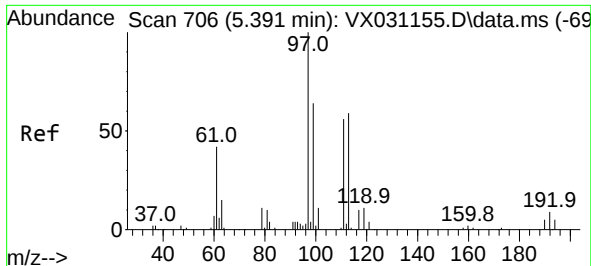
Ion Ratio Lower Upper

114 100

63 20.8 0.0 38.4

88 17.1 0.0 31.8

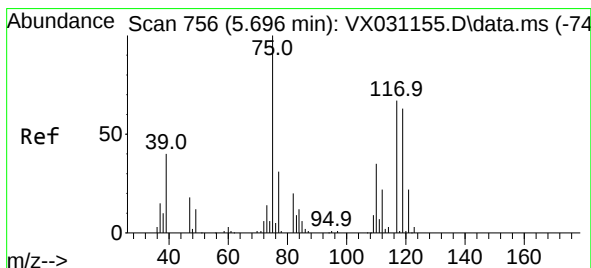
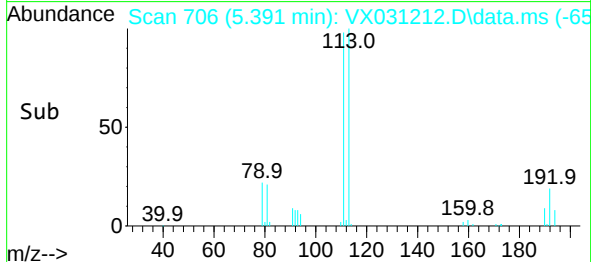
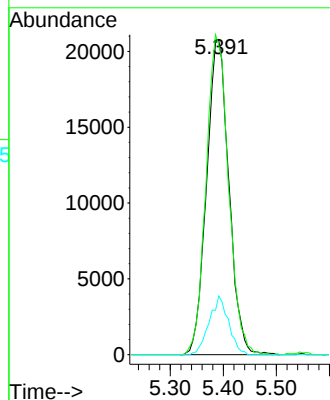
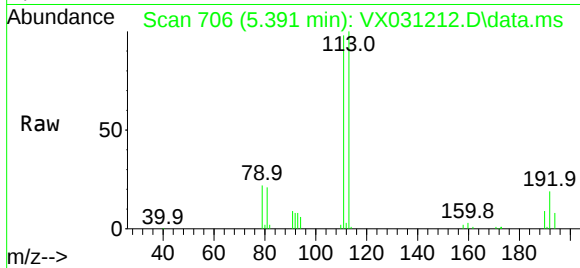




#35
Dibromofluoromethane
Concen: 47.811 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX031212.D
Acq: 08 Sep 2022 15:26

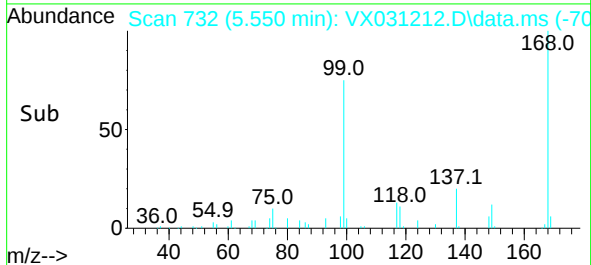
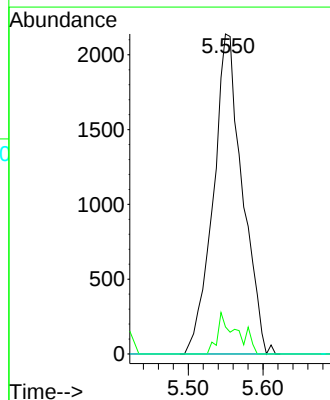
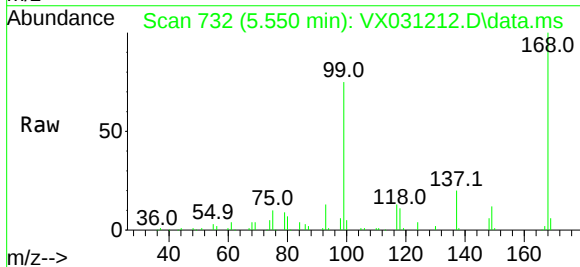
Instrument :
MSVOA_X
ClientSampleId :
VX0908WBL01

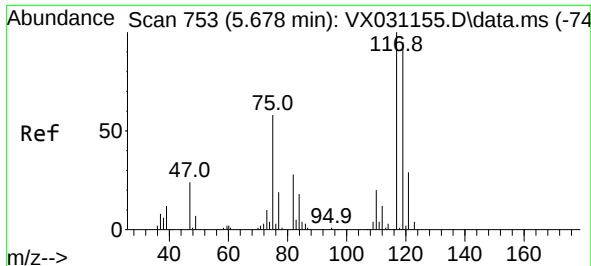
Tgt Ion:113 Resp: 60626
Ion Ratio Lower Upper
113 100
111 102.4 83.2 124.8
192 16.2 14.8 22.2



#36
1,1-Dichloropropene
Concen: 3.052 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX031212.D
Acq: 08 Sep 2022 15:26

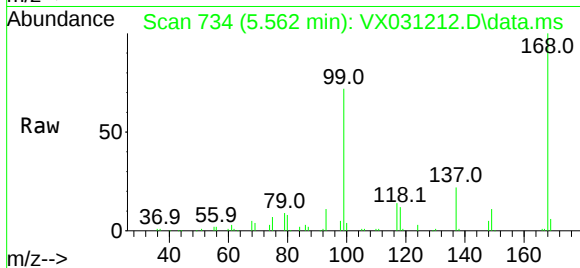
Tgt Ion: 75 Resp: 5795
Ion Ratio Lower Upper
75 100
110 8.6 19.3 57.9#
77 0.0 24.4 36.6#



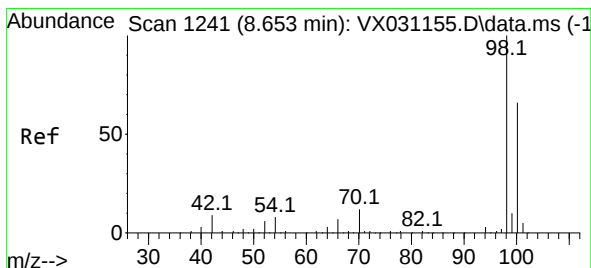
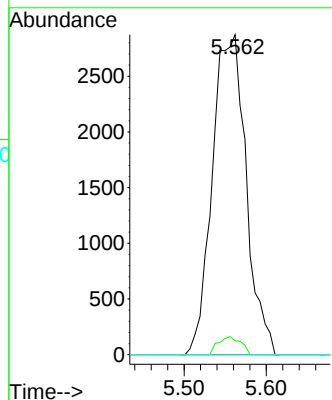
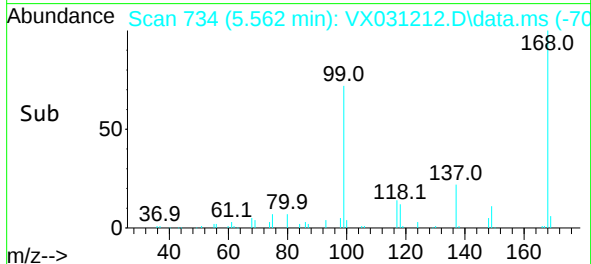


#38
Carbon Tetrachloride
Concen: 4.102 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX031212.D
Acq: 08 Sep 2022 15:26

Instrument :
MSVOA_X
ClientSampleId :
VX0908WBL01

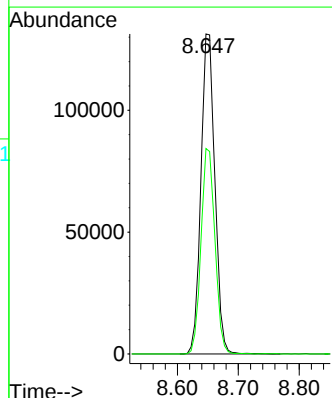
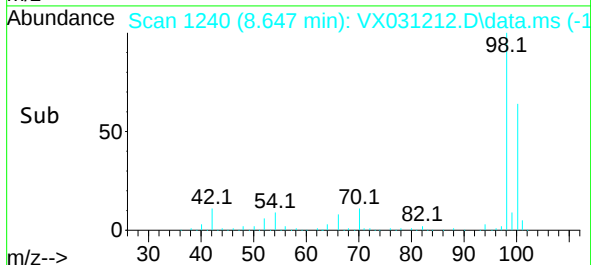
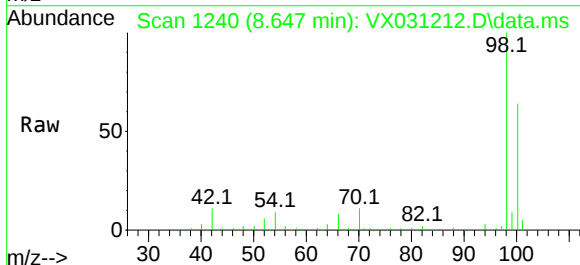


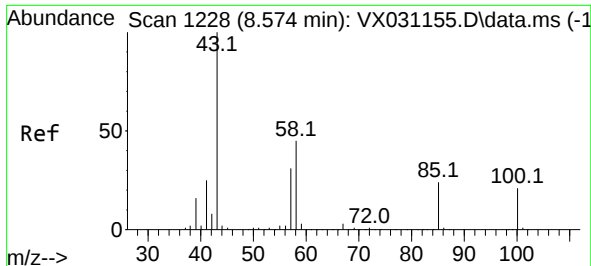
Tgt Ion:117 Resp: 8195
Ion Ratio Lower Upper
117 100
119 4.4 74.1 111.1#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 45.276 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031212.D
Acq: 08 Sep 2022 15:26

Tgt Ion: 98 Resp: 208586
Ion Ratio Lower Upper
98 100
100 64.2 52.3 78.5

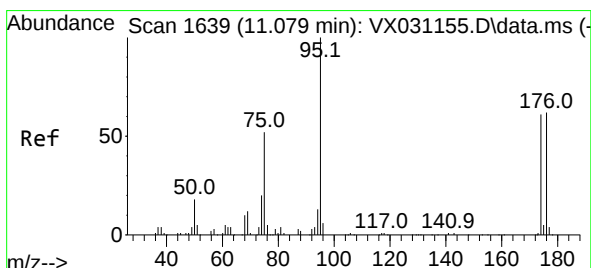
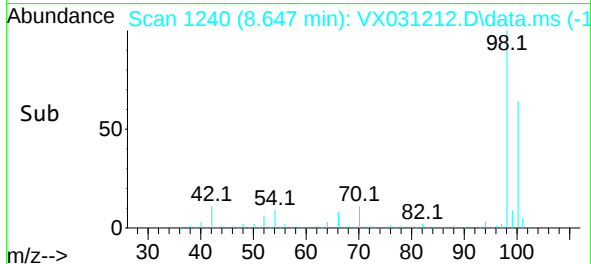
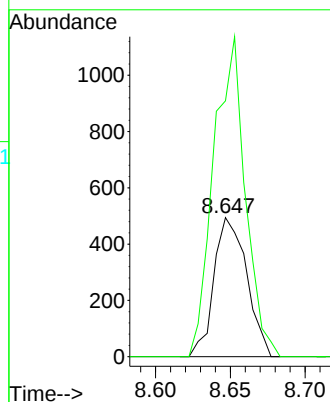
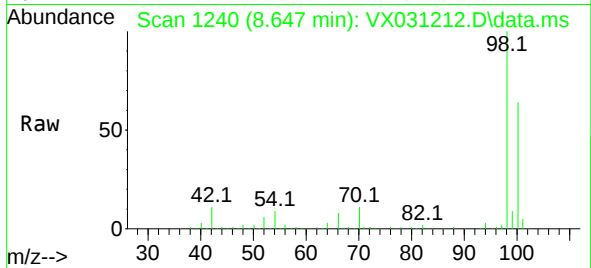




#51
4-Methyl-2-Pentanone
Concen: 0.462 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX031212.D
Acq: 08 Sep 2022 15:26

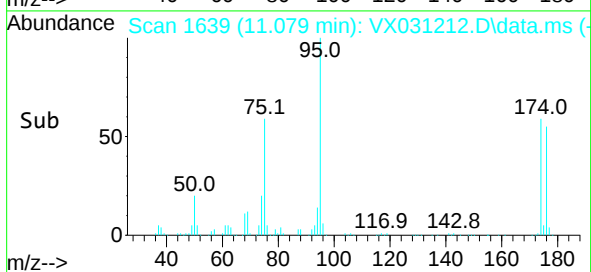
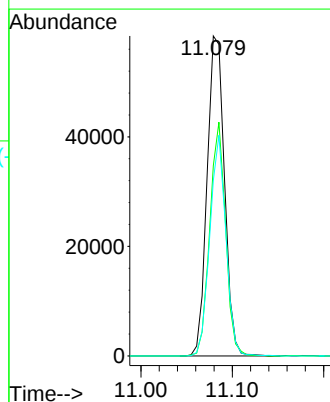
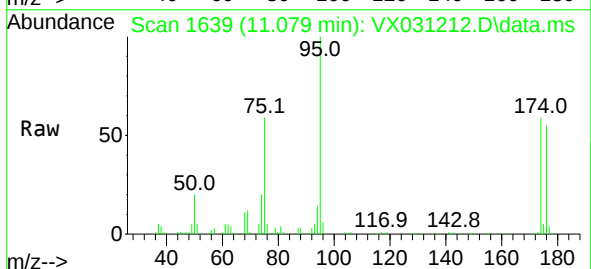
Instrument :
MSVOA_X
ClientSampleId :
VX0908WBL01

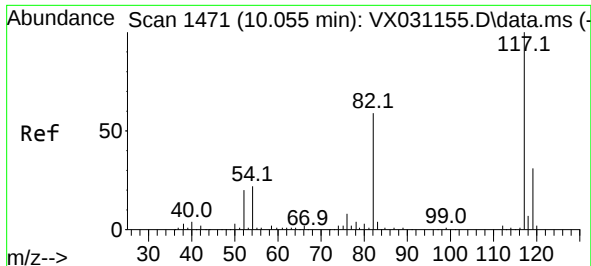
Tgt Ion: 43 Resp: 751
Ion Ratio Lower Upper
43 100
58 222.5 31.4 47.2#



#62
4-Bromofluorobenzene
Concen: 45.625 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX031212.D
Acq: 08 Sep 2022 15:26

Tgt Ion: 95 Resp: 77031
Ion Ratio Lower Upper
95 100
174 66.3 0.0 149.0
176 63.7 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: VX031212.D

Acq: 08 Sep 2022 15:26

Instrument :

MSVOA_X

ClientSampleId :

VX0908WBL01

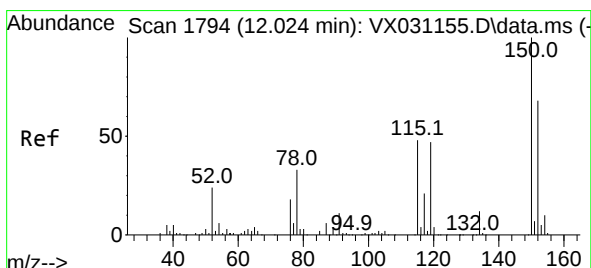
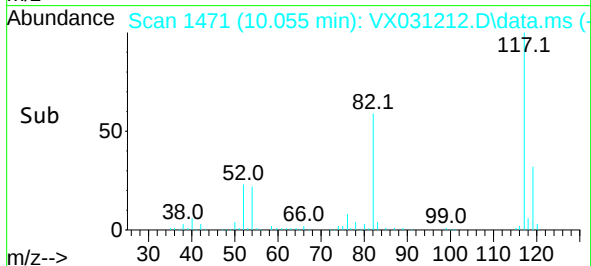
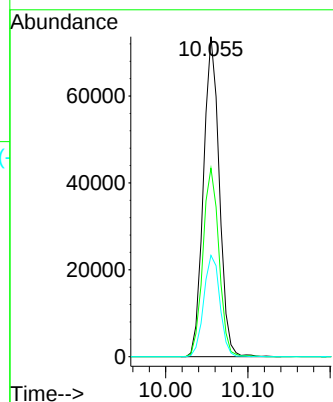
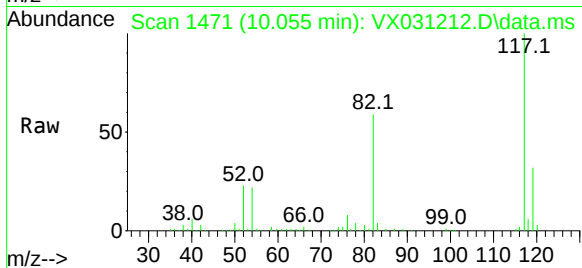
Tgt Ion:117 Resp: 98594

Ion Ratio Lower Upper

117 100

82 58.9 42.7 64.1

119 31.6 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: VX031212.D

Acq: 08 Sep 2022 15:26

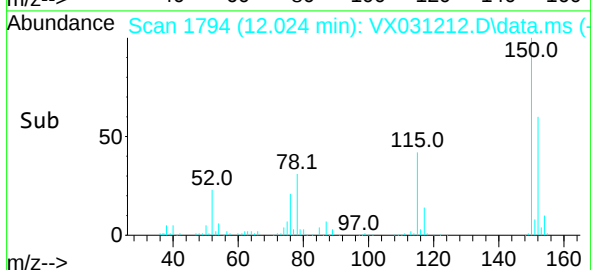
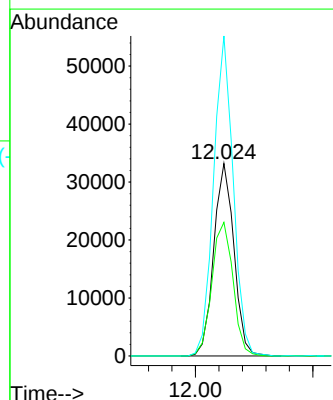
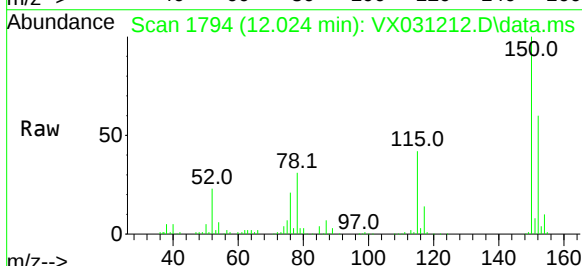
Tgt Ion:152 Resp: 39605

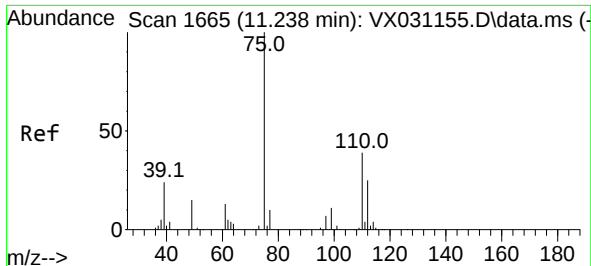
Ion Ratio Lower Upper

152 100

115 72.6 40.5 121.5

150 161.3 0.0 347.0

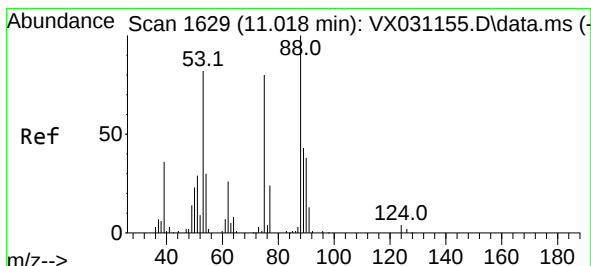
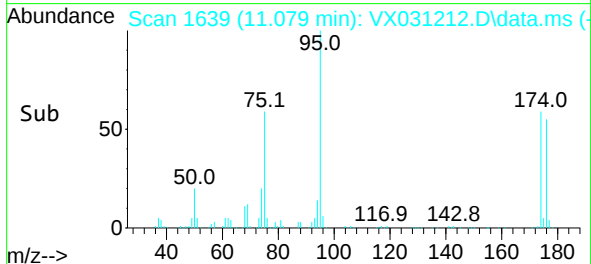
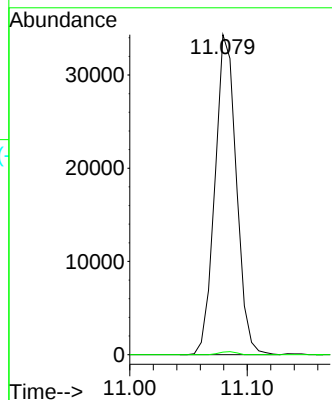
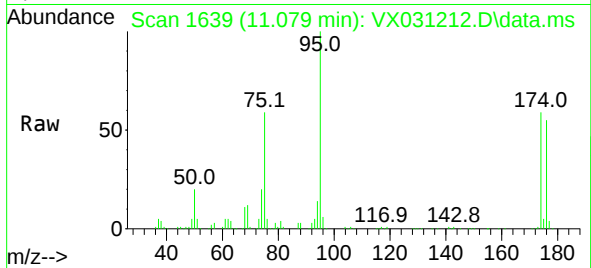




#76
1,2,3-Trichloropropane
Concen: 40.295 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031212.D
Acq: 08 Sep 2022 15:26

Instrument :
MSVOA_X
ClientSampleId :
VX0908WBL01

Tgt Ion: 75 Resp: 43554
Ion Ratio Lower Upper
75 100
77 0.8 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.946 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031212.D
Acq: 08 Sep 2022 15:26

Tgt Ion: 75 Resp: 43554
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.2 34.8 52.2#

