

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090623\
 Data File : VX037562.D
 Acq On : 06 Sep 2023 18:18
 Operator : JC/MD
 Sample : 04287-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12B-50-090123-3V

Quant Time: Sep 06 22:48:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

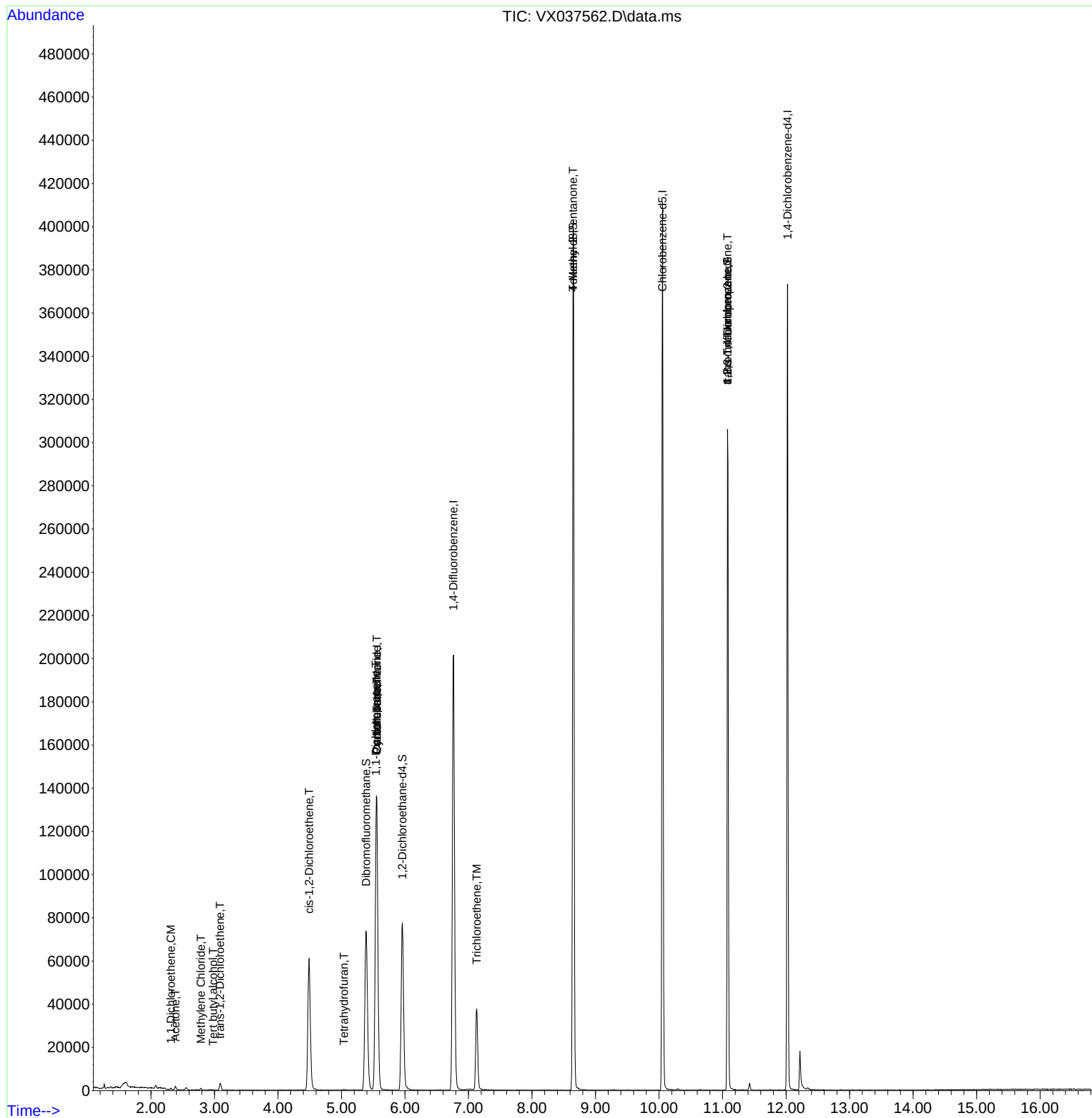
Internal Standards						
1) Pentafluorobenzene	5.556	168	131349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	217255	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	193896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80138	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76926	40.624	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	81.240%
35) Dibromofluoromethane	5.385	113	66887	46.487	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.980%
50) Toluene-d8	8.647	98	256590	49.163	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.320%
62) 4-Bromofluorobenzene	11.079	95	88927	43.357	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.720%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.977	59	112	0.252	ug/l #	78
12) 1,1-Dichloroethene	2.313	96	311	0.230	ug/l	81
16) Acetone	2.386	43	1920	2.592	ug/l #	86
20) Methylene Chloride	2.788	84	462	0.279	ug/l #	84
21) trans-1,2-Dichloroethene	3.087	96	1523	0.991	ug/l	85
27) cis-1,2-Dichloroethene	4.489	96	41413	22.855	ug/l	78
29) Tetrahydrofuran	5.038	42	155	0.218	ug/l	94
31) Cyclohexane	5.556	56	2267	1.065	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	9451	4.623	ug/l #	51
38) Carbon Tetrachloride	5.556	117	13692	6.166	ug/l #	14
44) Trichloroethene	7.129	130	15387	9.256	ug/l	93
51) 4-Methyl-2-Pentanone	8.647	43	890	0.442	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	42999	25.195	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	42999	70.370	ug/l #	5

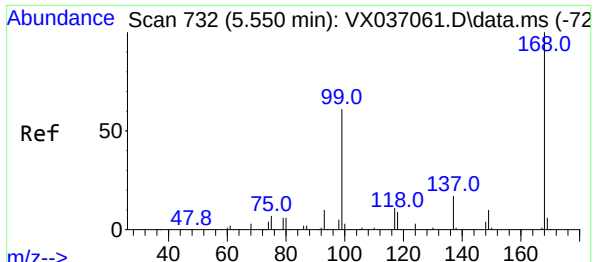
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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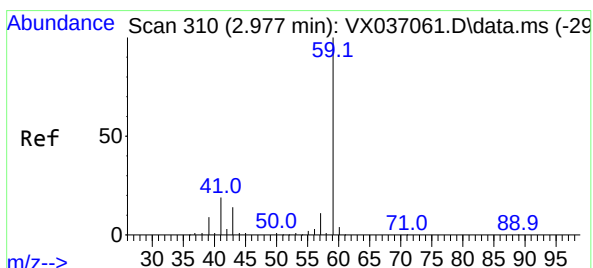
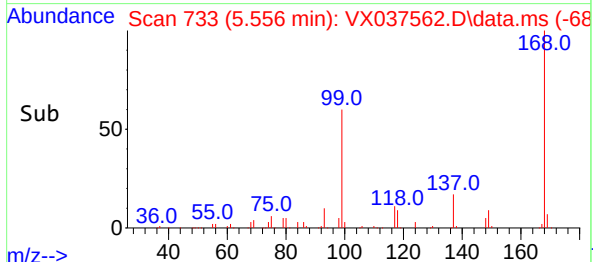
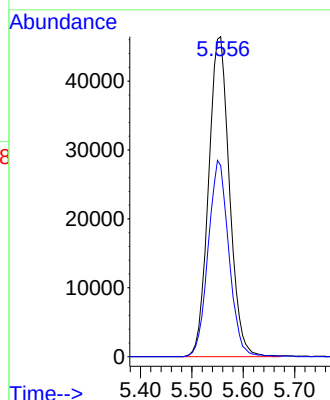
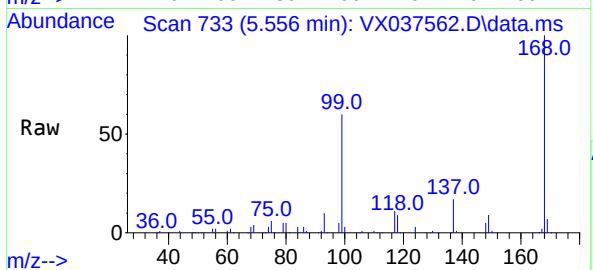




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037562.D
Acq: 06 Sep 2023 18:18

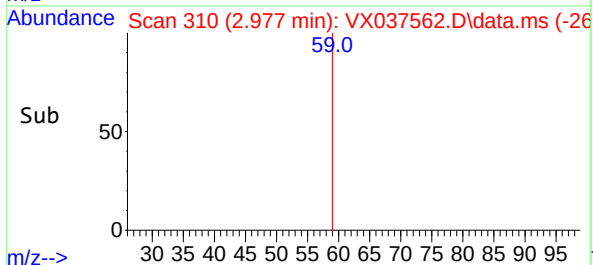
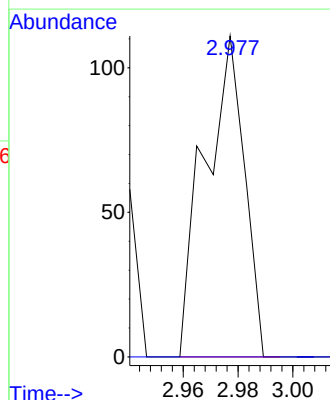
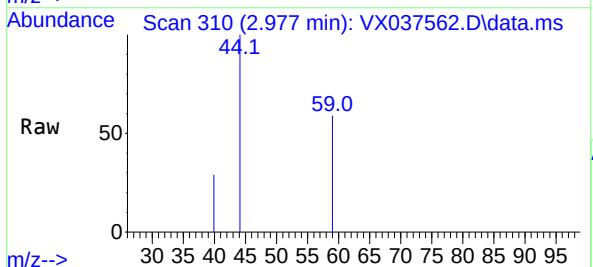
Instrument :
MSVOA_X
ClientSampleId :
MW-12B-50-090123-3V

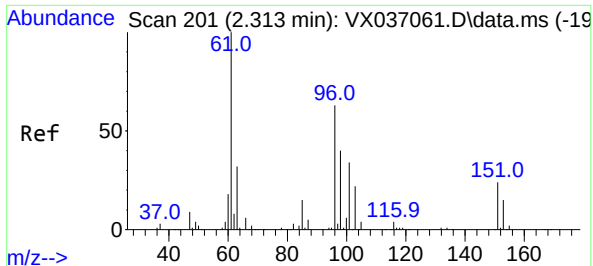
Tgt Ion:168 Resp: 131349
Ion Ratio Lower Upper
168 100
99 59.7 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.252 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.000 min
Lab File: VX037562.D
Acq: 06 Sep 2023 18:18

Tgt Ion: 59 Resp: 112
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#12

1,1-Dichloroethene

Concen: 0.230 ug/l

RT: 2.313 min Scan# 201

Delta R.T. 0.000 min

Lab File: VX037562.D

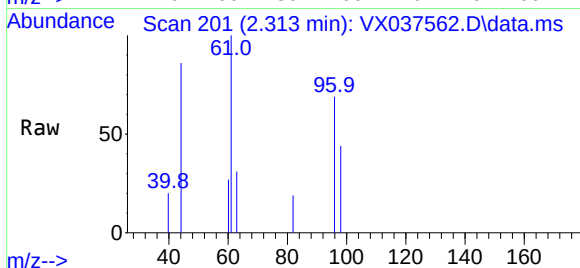
Acq: 06 Sep 2023 18:18

Instrument :

MSVOA_X

ClientSampleId :

MW-12B-50-090123-3V



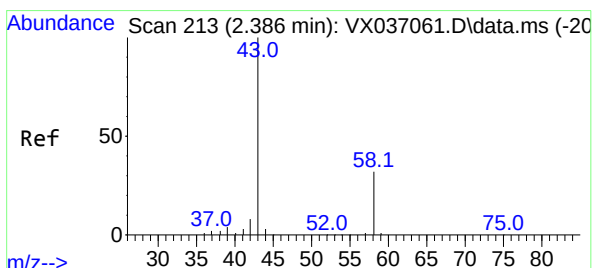
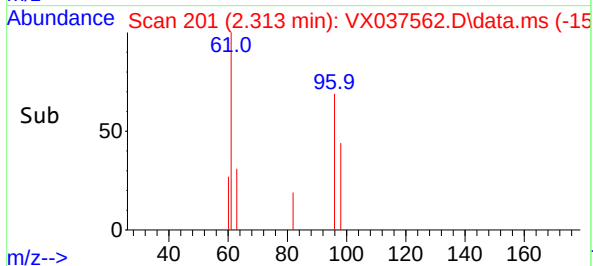
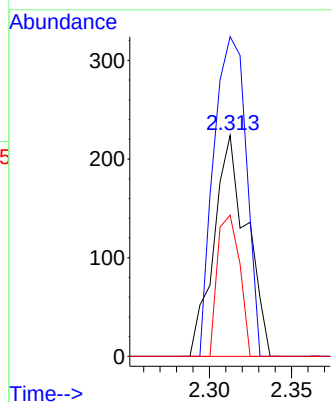
Tgt Ion: 96 Resp: 311

Ion Ratio Lower Upper

96 100

61 144.6 144.6 216.8

98 63.8 50.4 75.6



#16

Acetone

Concen: 2.592 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX037562.D

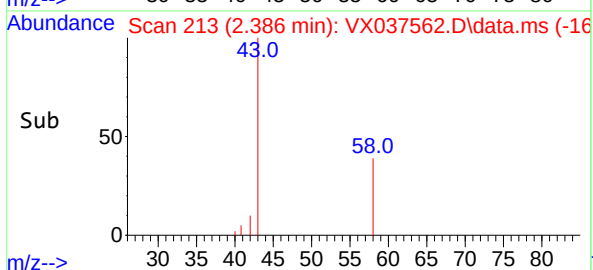
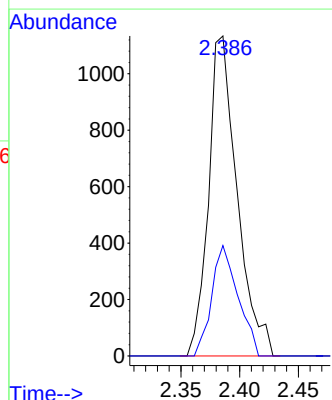
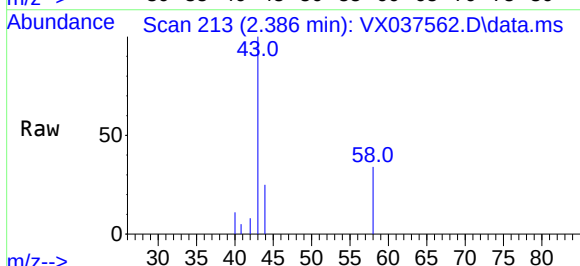
Acq: 06 Sep 2023 18:18

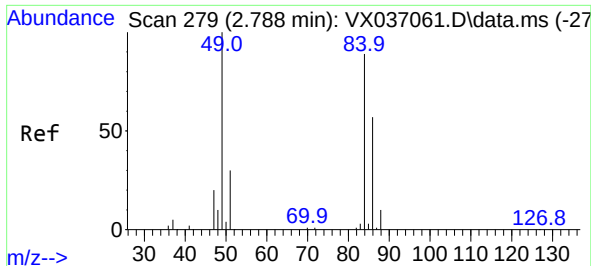
Tgt Ion: 43 Resp: 1920

Ion Ratio Lower Upper

43 100

58 34.5 21.9 32.9#

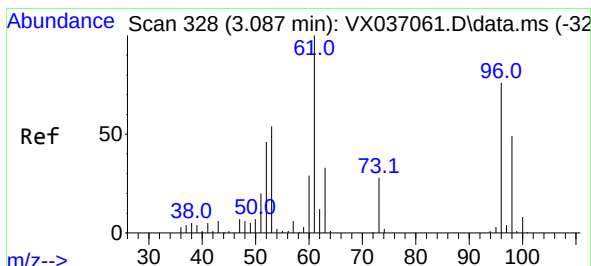
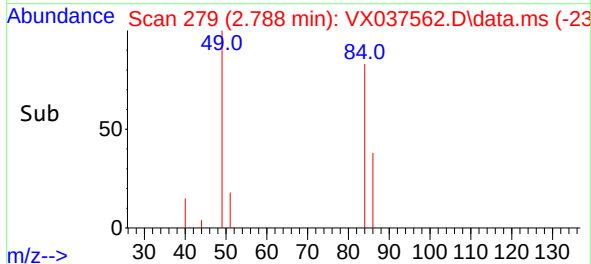
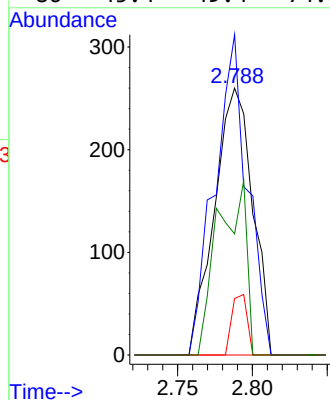
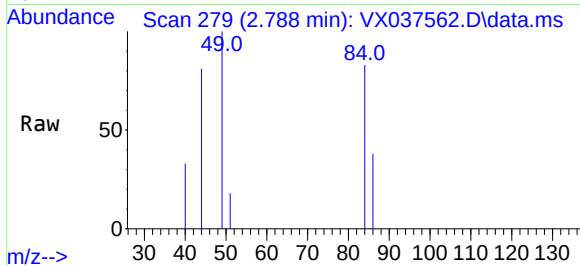




#20
Methylene Chloride
Concen: 0.279 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037562.D
Acq: 06 Sep 2023 18:18

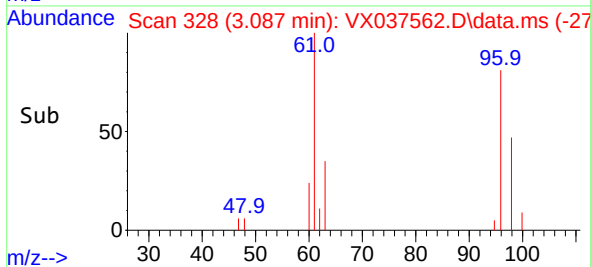
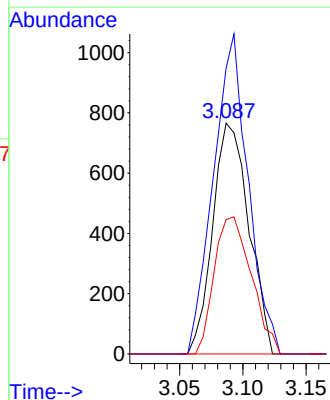
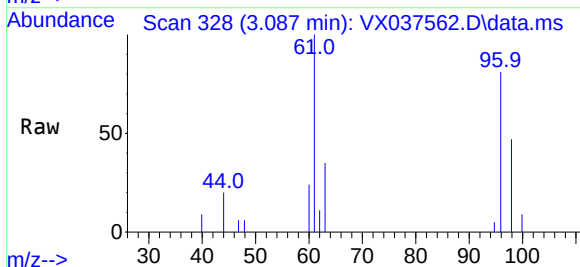
Instrument :
MSVOA_X
ClientSampleId :
MW-12B-50-090123-3V

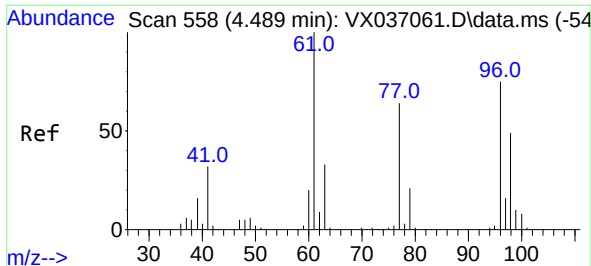
Tgt Ion: 84	Resp: 462
Ion Ratio	Lower Upper
84 100	
49 120.0	103.6 155.4
51 21.2	33.8 50.6#
86 45.4	49.4 74.0#



#21
trans-1,2-Dichloroethene
Concen: 0.991 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.000 min
Lab File: VX037562.D
Acq: 06 Sep 2023 18:18

Tgt Ion: 96	Resp: 1523		
Ion Ratio	Lower	Upper	
96	100		
61	123.9	119.2	178.8
98	58.2	48.7	73.1



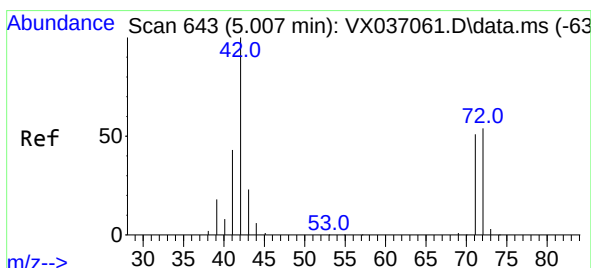
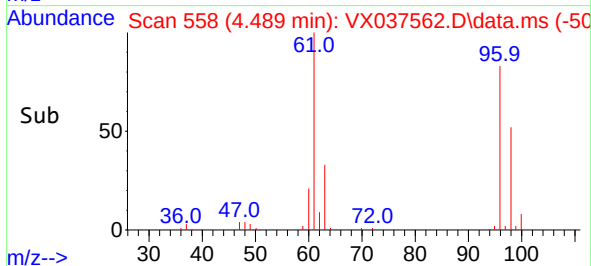
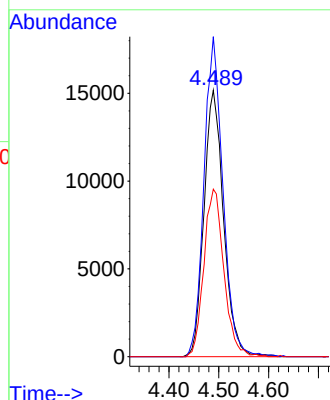
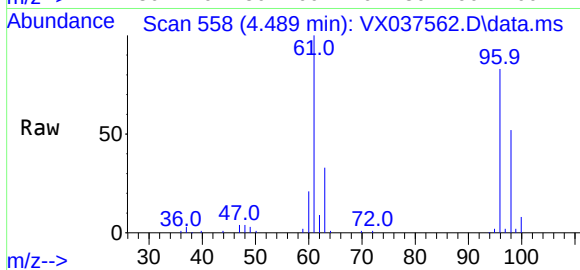


#27
 cis-1,2-Dichloroethene
 Concen: 22.855 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX037562.D
 Acq: 06 Sep 2023 18:18

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12B-50-090123-3V

Tgt Ion: 96 Resp: 41413

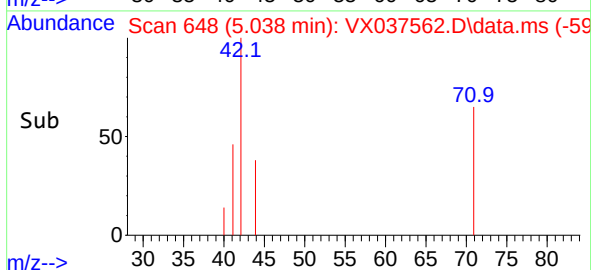
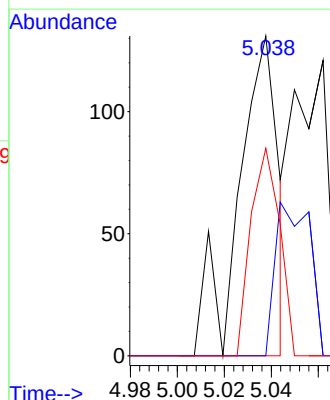
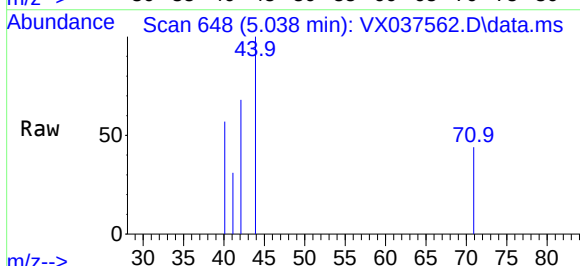
Ion	Ratio	Lower	Upper
96	100		
61	116.4	0.0	312.2
98	64.2	0.0	129.0

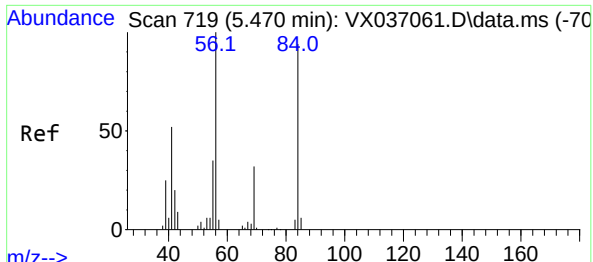


#29
 Tetrahydrofuran
 Concen: 0.218 ug/l
 RT: 5.038 min Scan# 648
 Delta R.T. 0.031 min
 Lab File: VX037562.D
 Acq: 06 Sep 2023 18:18

Tgt Ion: 42 Resp: 155

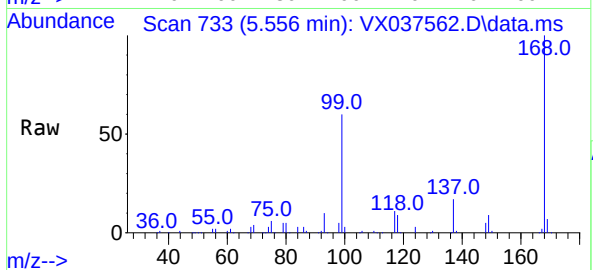
Ion	Ratio	Lower	Upper
42	100		
72	41.3	34.2	51.4
71	46.5	32.2	48.2



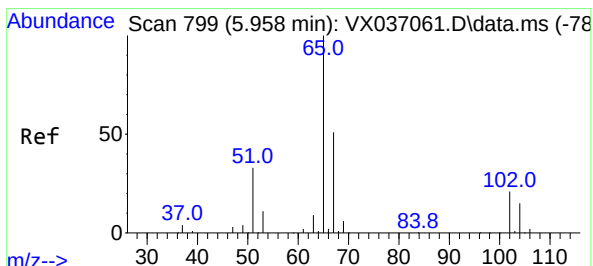
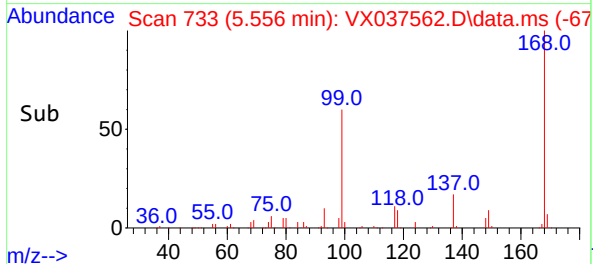
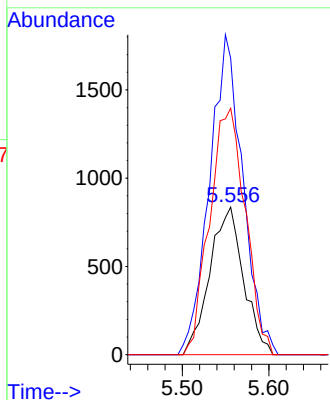


#31
Cyclohexane
Concen: 1.065 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX037562.D
Acq: 06 Sep 2023 18:18

Instrument :
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ClientSampleId :
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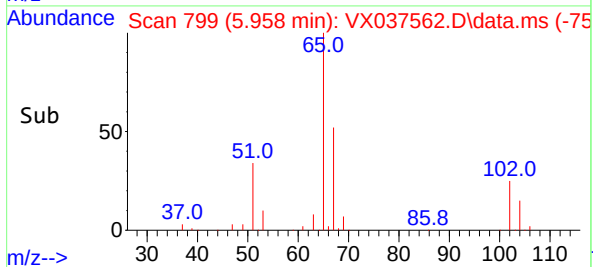
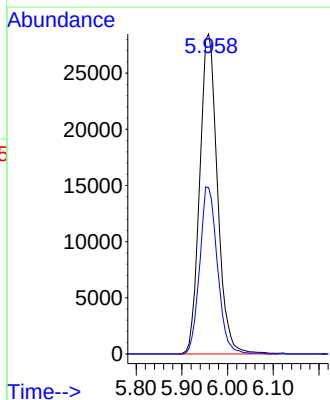
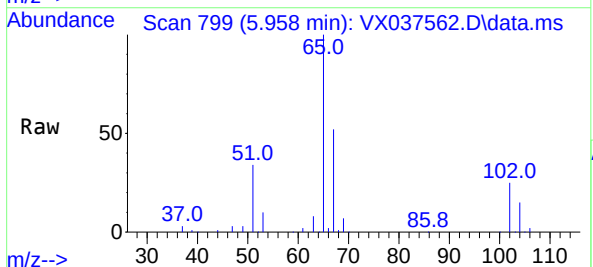


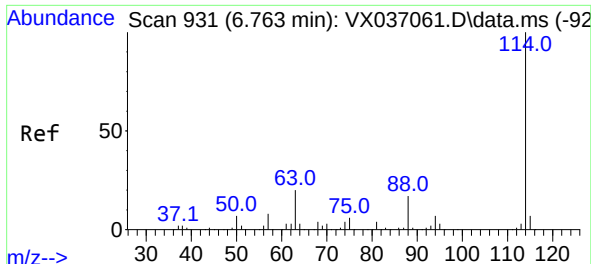
Tgt Ion: 56 Resp: 2267
Ion Ratio Lower Upper
56 100
69 200.8 23.4 35.2#
84 167.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 40.624 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037562.D
Acq: 06 Sep 2023 18:18

Tgt Ion: 65 Resp: 76926
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.2

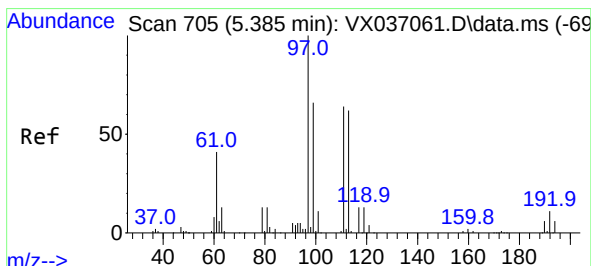
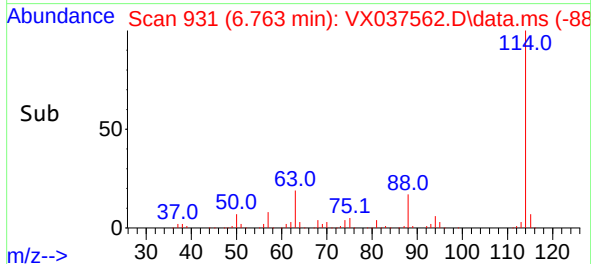
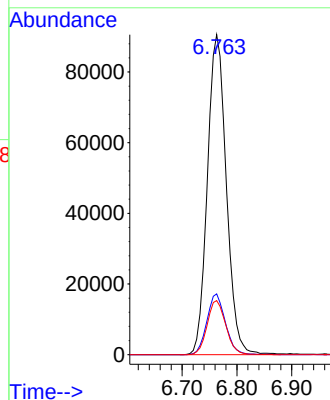
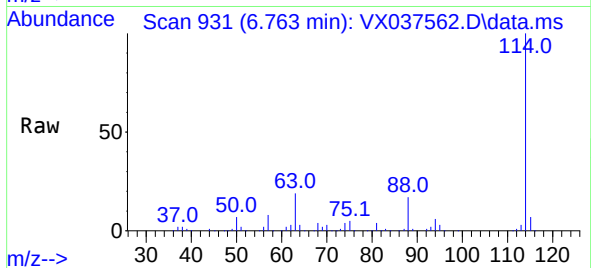




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX037562.D
Acq: 06 Sep 2023 18:18

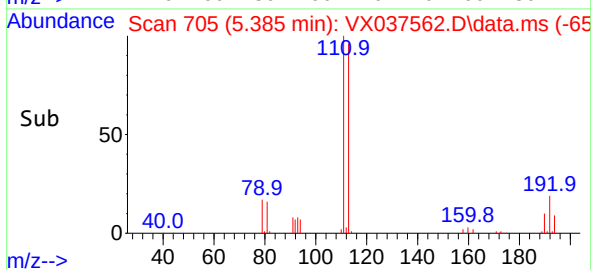
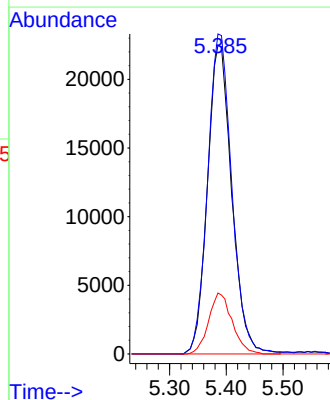
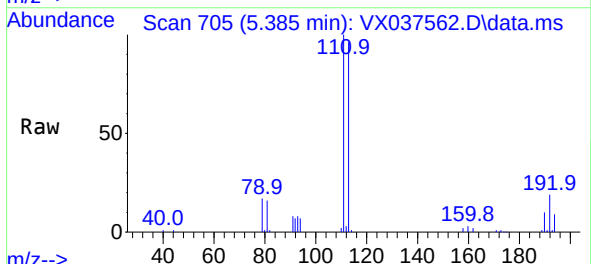
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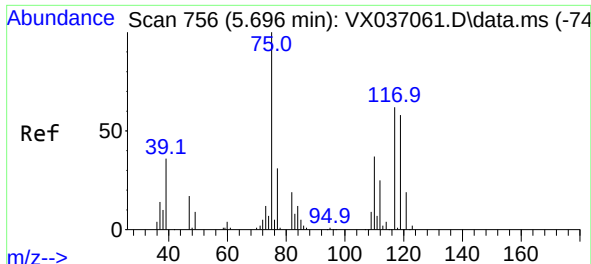
Tgt Ion:114 Resp: 217255
Ion Ratio Lower Upper
114 100
63 19.0 0.0 45.0
88 16.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.487 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037562.D
Acq: 06 Sep 2023 18:18

Tgt Ion:113 Resp: 66887
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 19.1 13.3 19.9

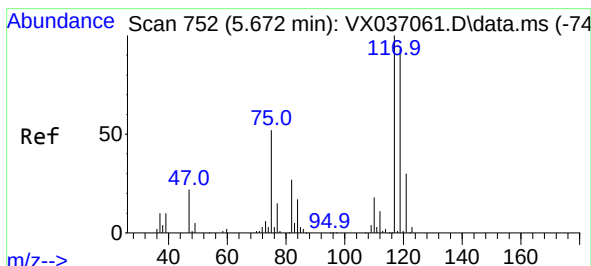
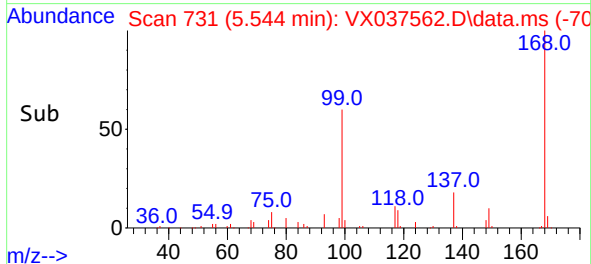
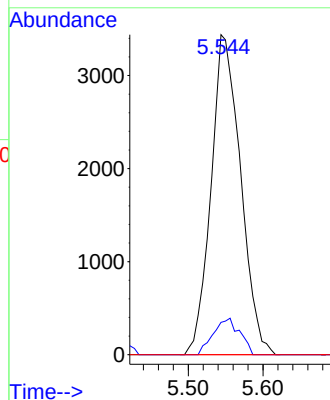
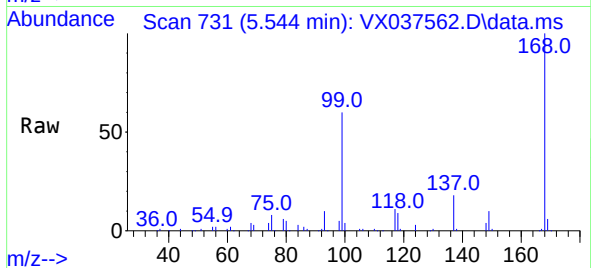




#36
1,1-Dichloropropene
Concen: 4.623 ug/l
RT: 5.544 min Scan# 713
Delta R.T. -0.152 min
Lab File: VX037562.D
Acq: 06 Sep 2023 18:18

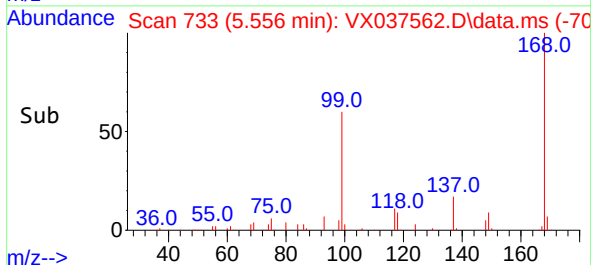
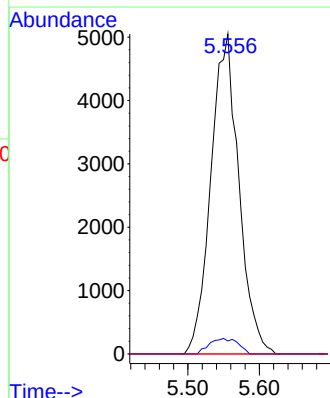
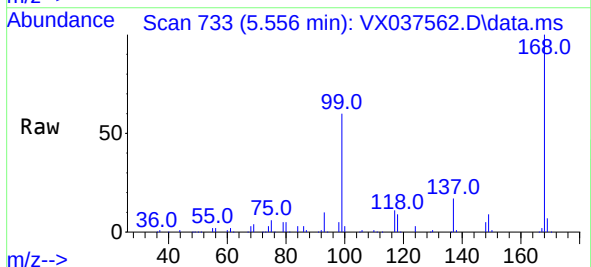
Instrument :
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ClientSampleId :
MW-12B-50-090123-3V

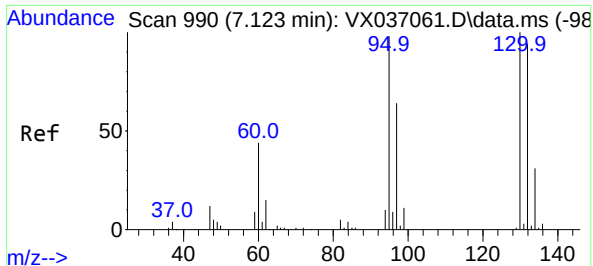
Tgt Ion: 75 Resp: 9451
Ion Ratio Lower Upper
75 100
110 10.2 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.166 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX037562.D
Acq: 06 Sep 2023 18:18

Tgt Ion: 117 Resp: 13692
Ion Ratio Lower Upper
117 100
119 4.1 78.2 117.2#
121 0.0 24.4 36.6#





#44

Trichloroethene

Concen: 9.256 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX037562.D

Acq: 06 Sep 2023 18:18

Instrument :

MSVOA_X

ClientSampleId :

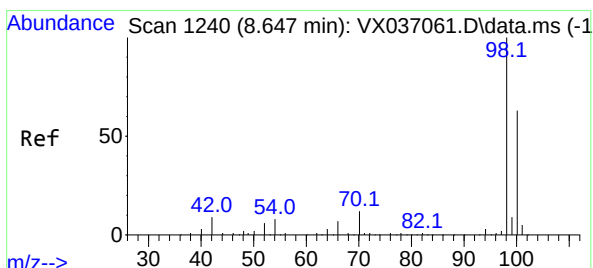
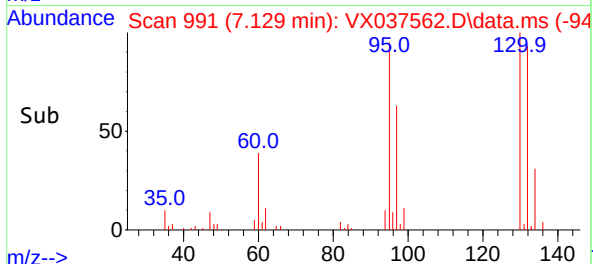
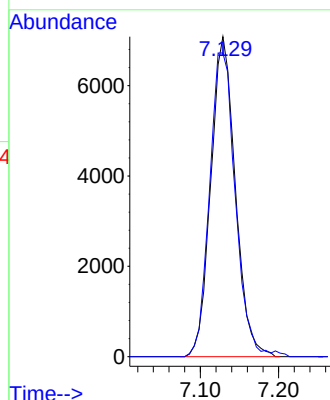
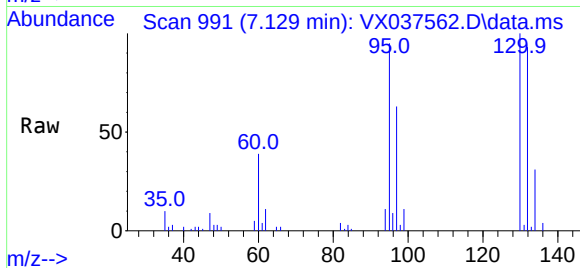
MW-12B-50-090123-3V

Tgt Ion:130 Resp: 15387

Ion Ratio Lower Upper

130 100

95 94.9 0.0 204.4



#50

Toluene-d8

Concen: 49.163 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX037562.D

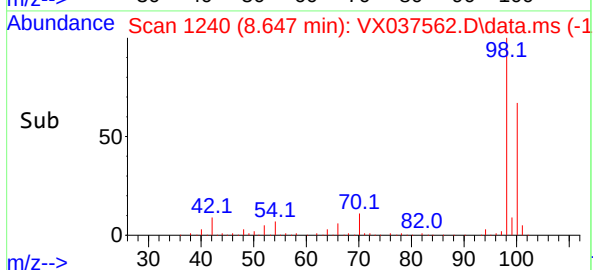
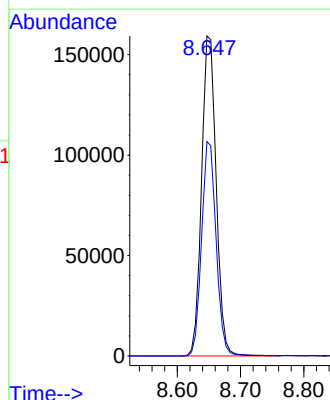
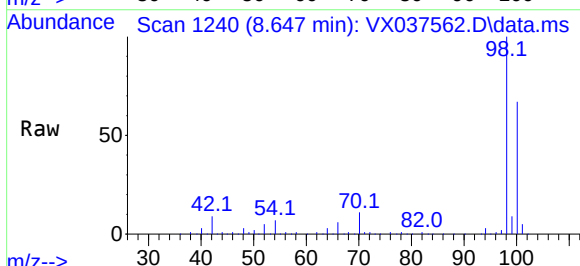
Acq: 06 Sep 2023 18:18

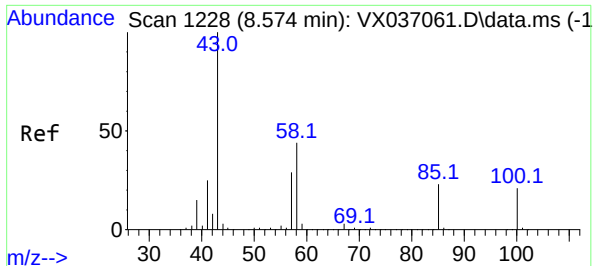
Tgt Ion: 98 Resp: 256590

Ion Ratio Lower Upper

98 100

100 66.5 53.1 79.7

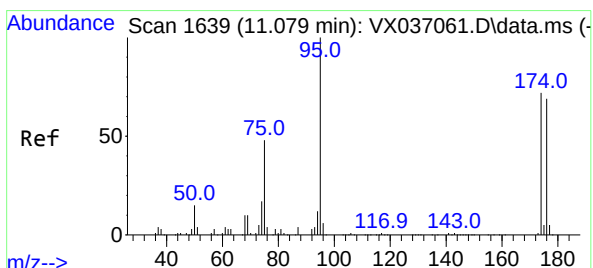
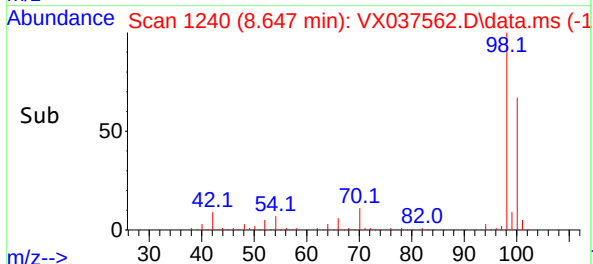
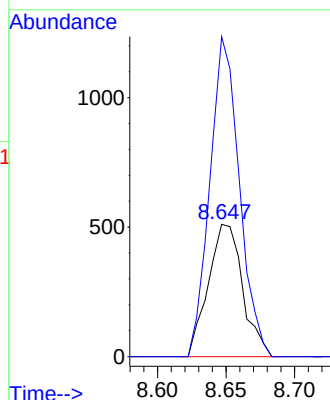
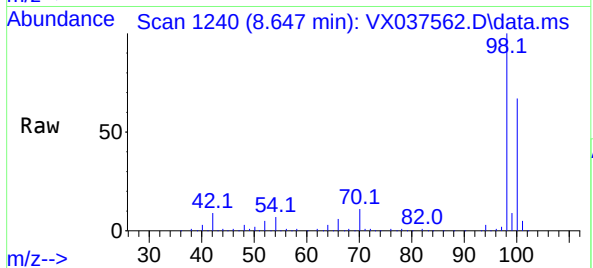




#51
4-Methyl-2-Pentanone
Concen: 0.442 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037562.D
Acq: 06 Sep 2023 18:18

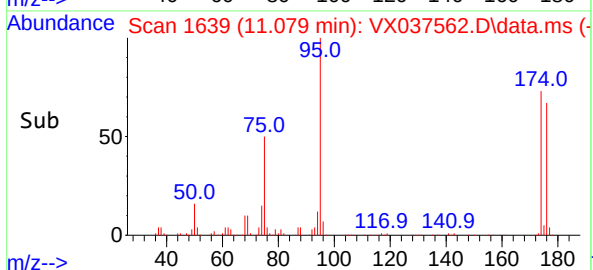
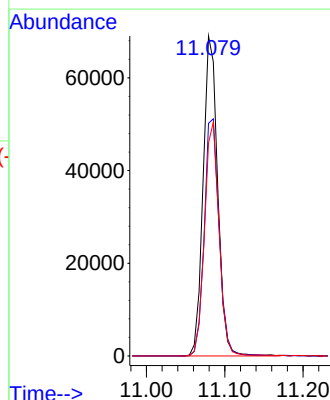
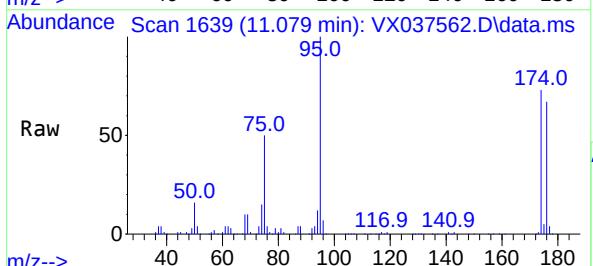
Instrument :
MSVOA_X
ClientSampleId :
MW-12B-50-090123-3V

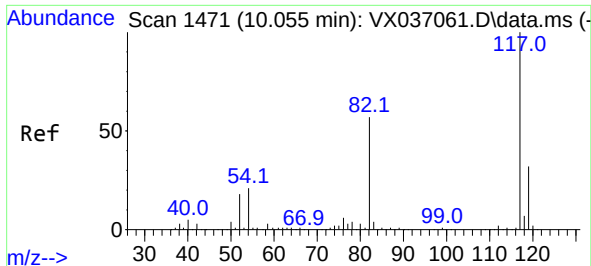
Tgt Ion: 43 Resp: 890
Ion Ratio Lower Upper
43 100
58 208.0 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 43.357 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037562.D
Acq: 06 Sep 2023 18:18

Tgt Ion: 95 Resp: 88927
Ion Ratio Lower Upper
95 100
174 75.8 0.0 135.6
176 72.9 0.0 131.0

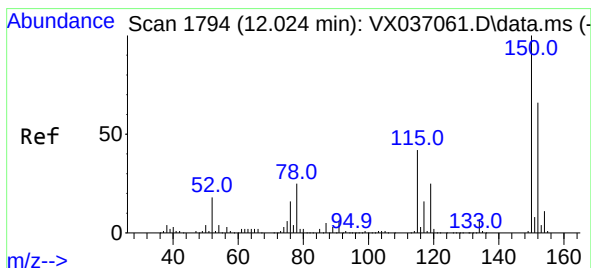
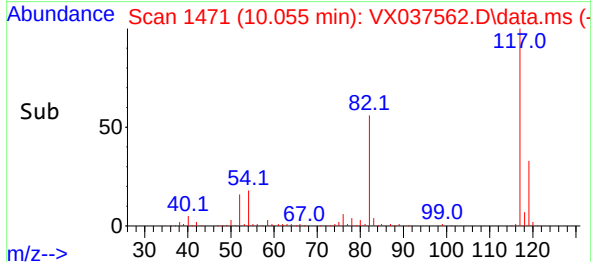
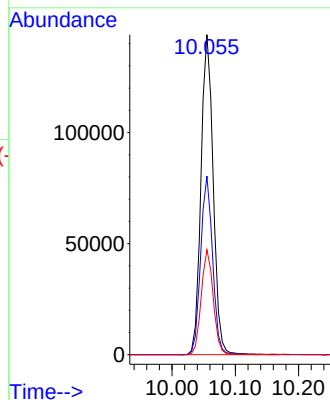
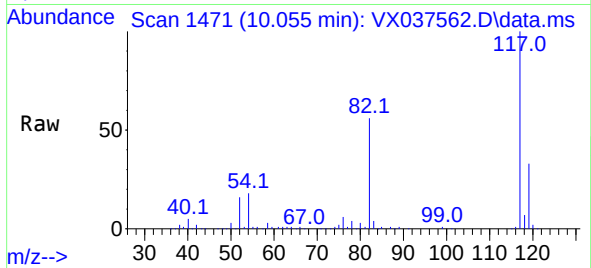




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037562.D
Acq: 06 Sep 2023 18:18

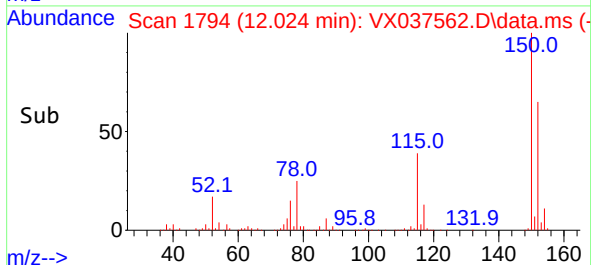
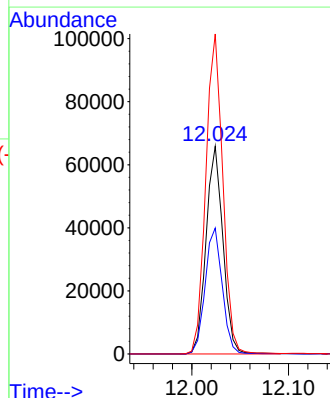
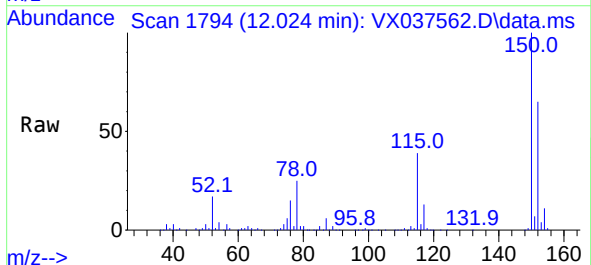
Instrument :
MSVOA_X
ClientSampleId :
MW-12B-50-090123-3V

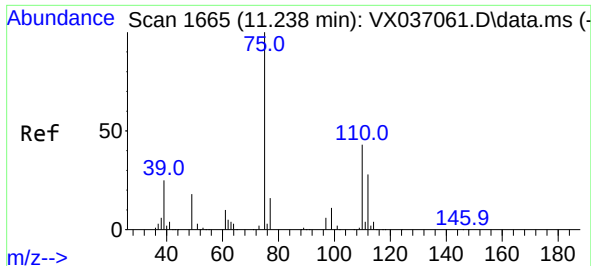
Tgt Ion:117 Resp: 193896
Ion Ratio Lower Upper
117 100
82 55.8 46.2 69.4
119 32.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037562.D
Acq: 06 Sep 2023 18:18

Tgt Ion:152 Resp: 80138
Ion Ratio Lower Upper
152 100
115 61.6 43.3 129.9
150 155.3 0.0 345.0

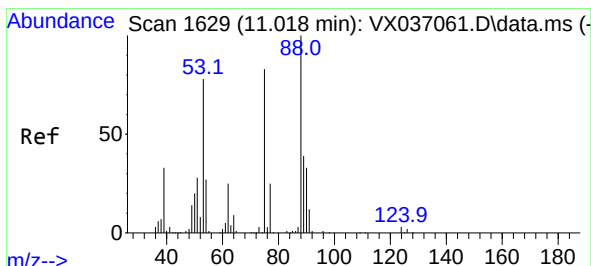
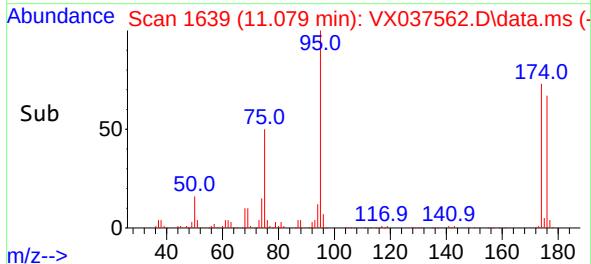
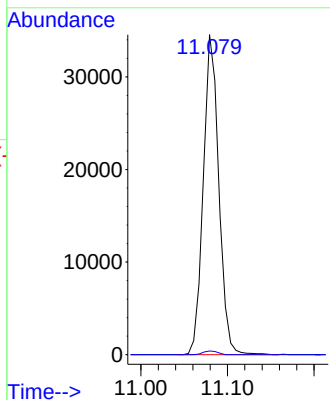
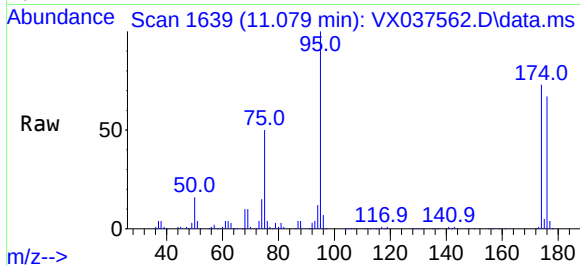




#76
1,2,3-Trichloropropane
Concen: 25.195 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX037562.D
Acq: 06 Sep 2023 18:18

Instrument :
MSVOA_X
ClientSampleId :
MW-12B-50-090123-3V

Tgt Ion: 75 Resp: 42999
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.370 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037562.D
Acq: 06 Sep 2023 18:18

Tgt Ion: 75 Resp: 42999
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

