

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122923\
 Data File : VX039551.D
 Acq On : 29 Dec 2023 17:25
 Operator : JC/MD
 Sample : 06046-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Dec 30 02:04:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

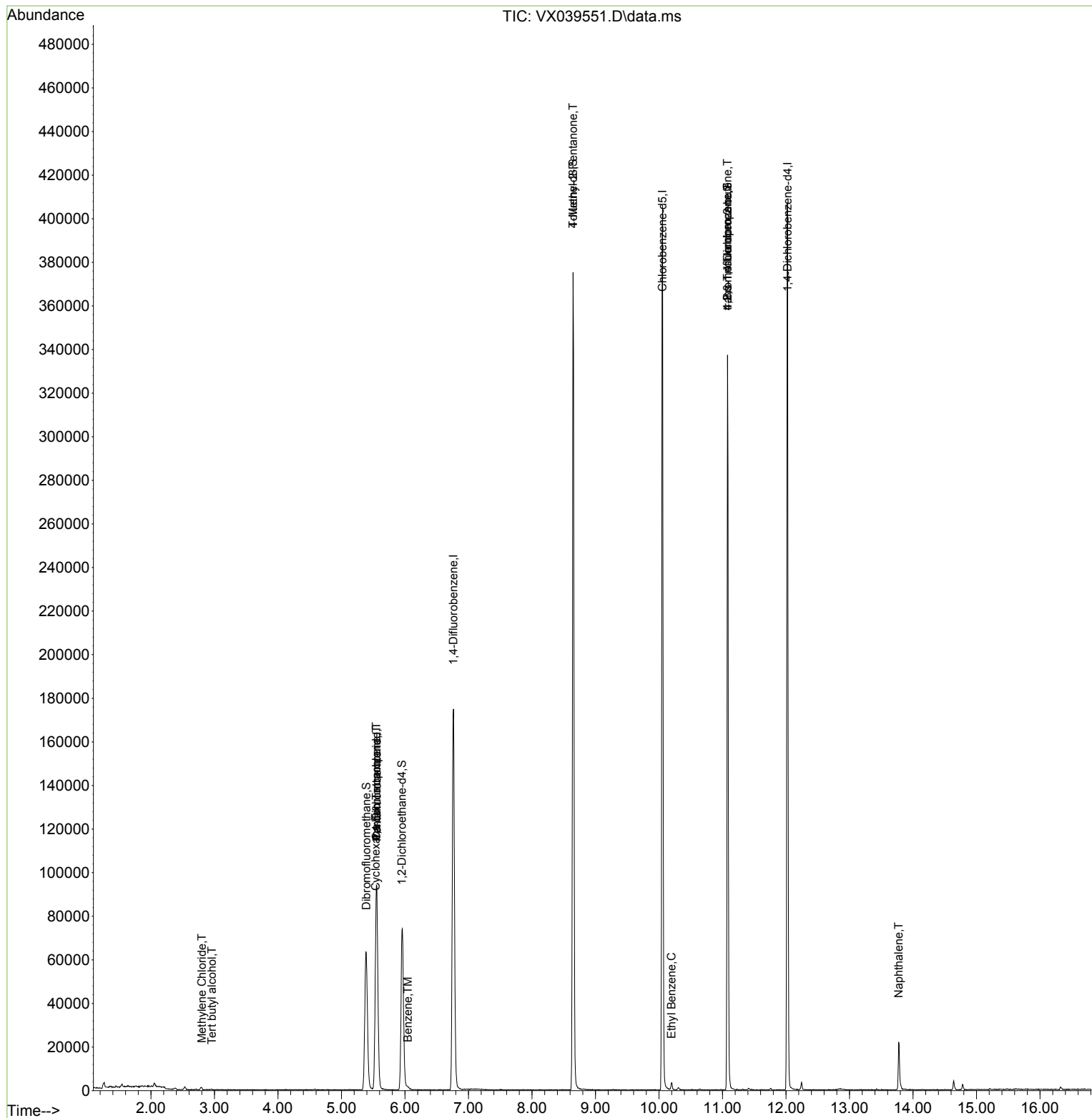
Internal Standards						
1) Pentafluorobenzene	5.556	168	81316	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	172878	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	174028	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77701	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73430	49.293	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.580%
35) Dibromofluoromethane	5.391	113	56156	47.019	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.040%
50) Toluene-d8	8.647	98	221028	49.849	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.700%
62) 4-Bromofluorobenzene	11.079	95	91070	49.780	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.560%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	174	0.465	ug/l #	78
16) Acetone	2.380	43	855	Below Cal		92
20) Methylene Chloride	2.800	84	590	0.475	ug/l #	80
31) Cyclohexane	5.538	56	2348	1.220	ug/l #	41
36) 1,1-Dichloropropene	5.550	75	7983	4.236	ug/l #	51
38) Carbon Tetrachloride	5.550	117	9458	5.259	ug/l #	17
40) Benzene	6.044	78	1359	0.255	ug/l #	88
51) 4-Methyl-2-Pentanone	8.647	43	1218	0.505	ug/l #	1
67) Ethyl Benzene	10.195	91	2102	0.297	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	49452	24.600	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	49452	69.396	ug/l #	5
95) Naphthalene	13.774	128	16720	2.942	ug/l	99

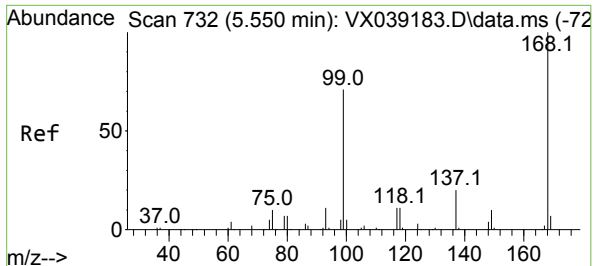
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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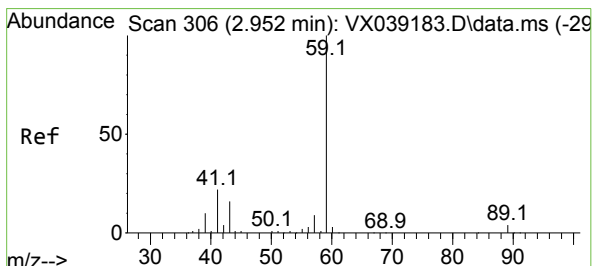
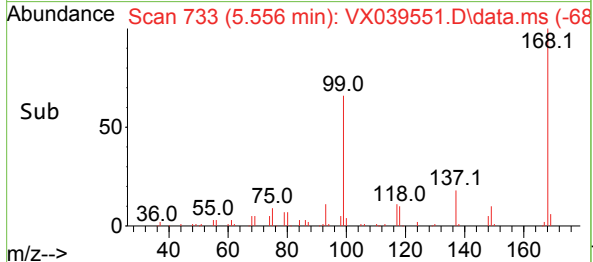
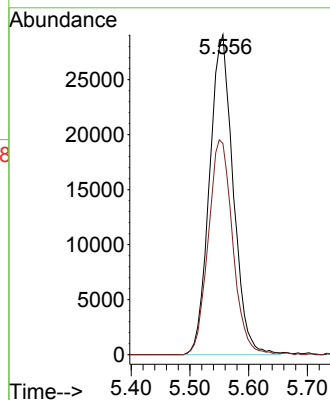
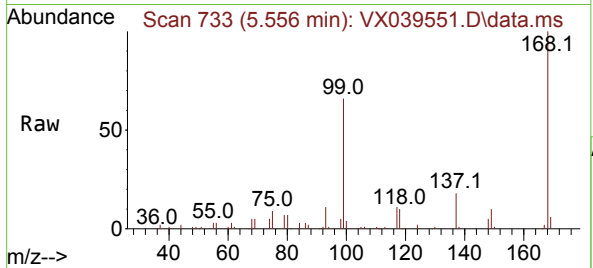




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039551.D
Acq: 29 Dec 2023 17:25

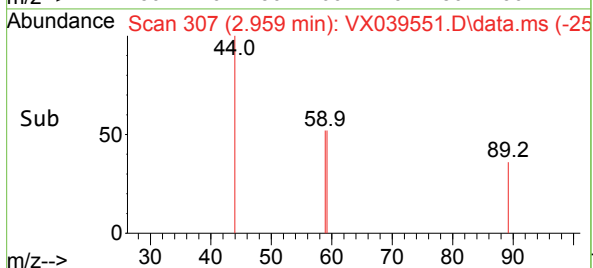
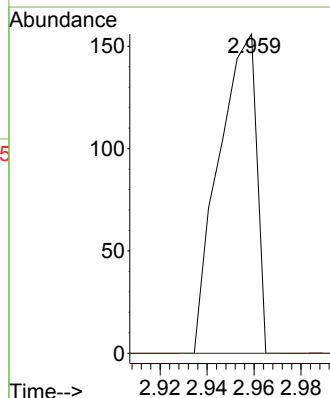
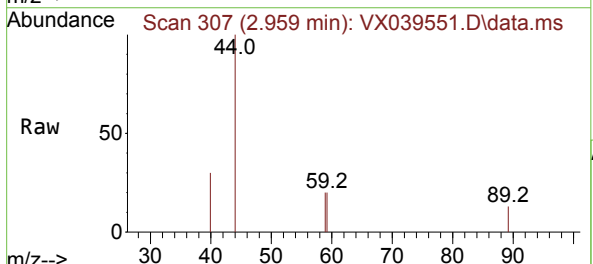
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

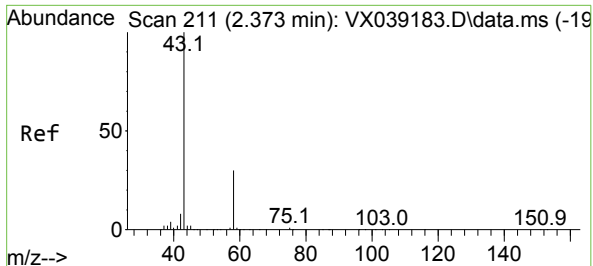
Tgt Ion:168 Resp: 81316
Ion Ratio Lower Upper
168 100
99 66.0 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.465 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.006 min
Lab File: VX039551.D
Acq: 29 Dec 2023 17:25

Tgt Ion: 59 Resp: 174
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

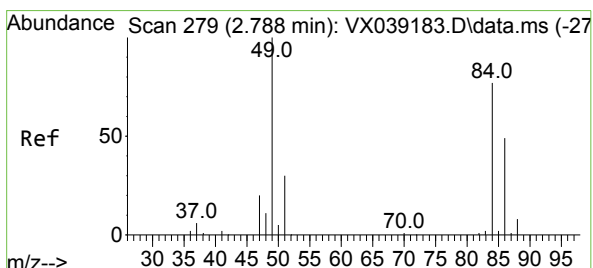
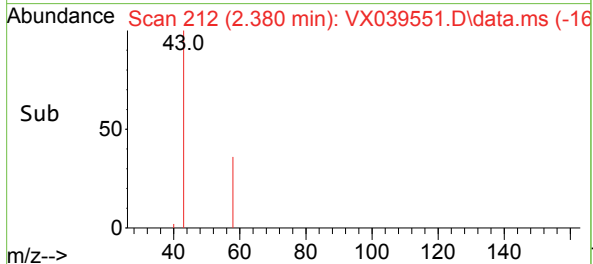
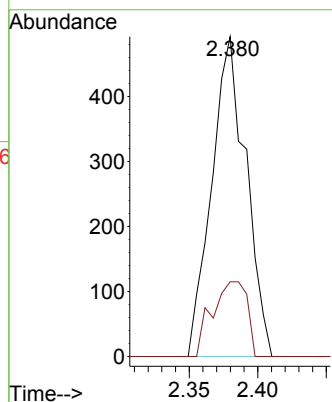
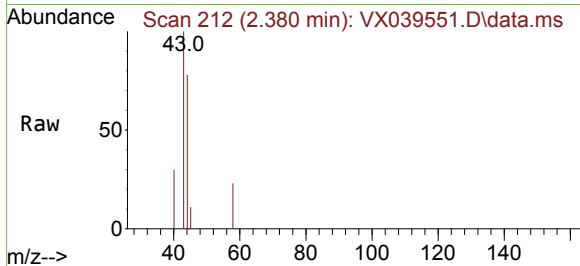




#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX039551.D
Acq: 29 Dec 2023 17:25

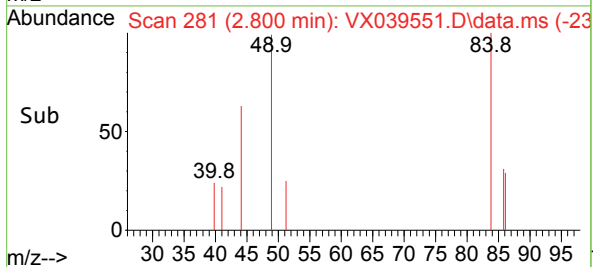
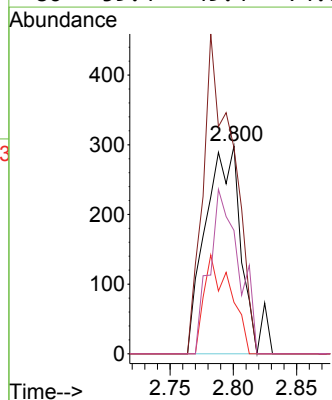
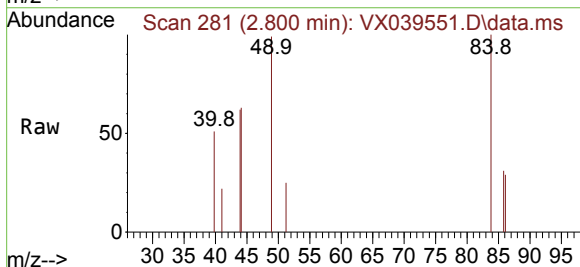
Instrument :
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ClientSampleId :
STORAGE-BLANK-WATER-REF-4

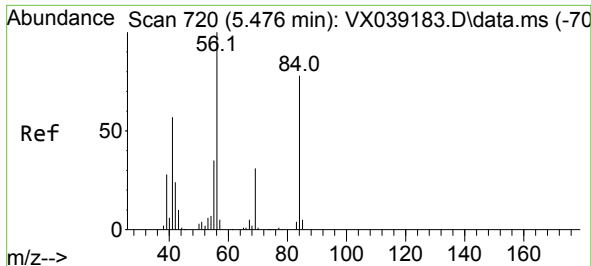
Tgt Ion: 43 Resp: 855
Ion Ratio Lower Upper
43 100
58 23.4 21.9 32.9



#20
Methylene Chloride
Concen: 0.475 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.013 min
Lab File: VX039551.D
Acq: 29 Dec 2023 17:25

Tgt Ion: 84 Resp: 590
Ion Ratio Lower Upper
84 100
49 99.3 103.6 155.4#
51 24.8 33.8 50.6#
86 59.4 49.4 74.0

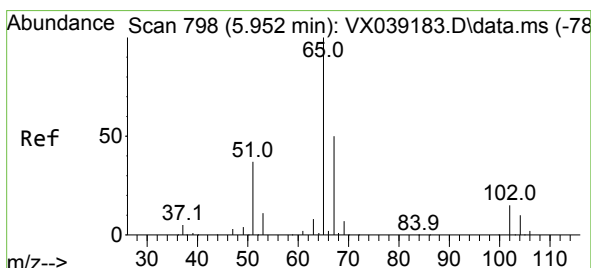
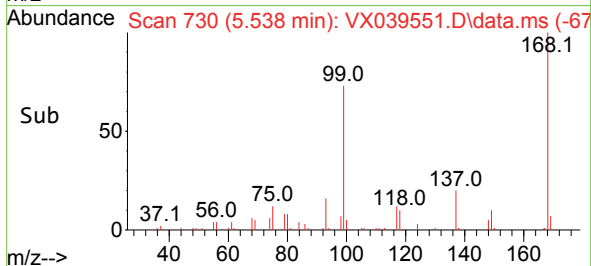
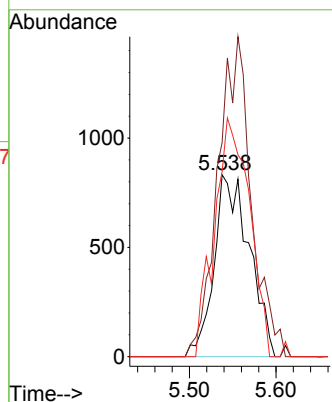
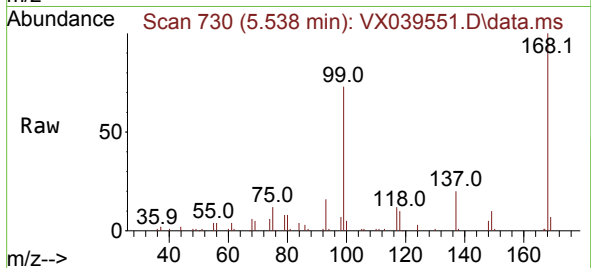




#31
Cyclohexane
Concen: 1.220 ug/l
RT: 5.538 min Scan# 71
Delta R.T. 0.061 min
Lab File: VX039551.D
Acq: 29 Dec 2023 17:25

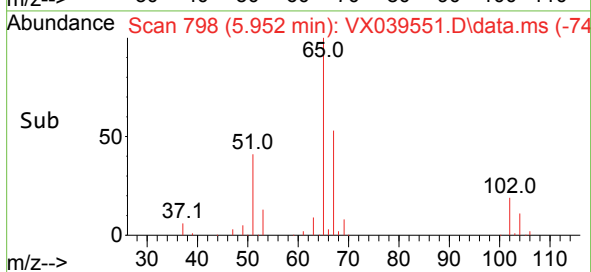
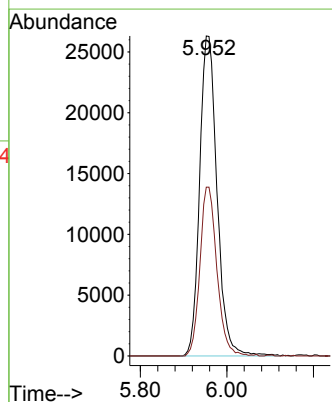
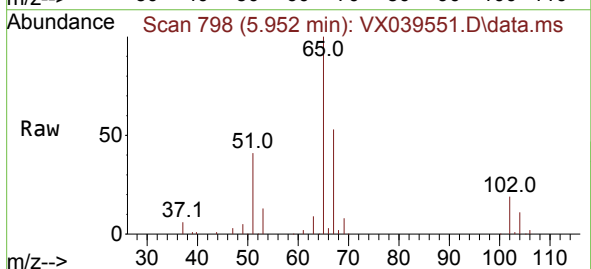
Instrument :
MSVOA_X
ClientSampleId :
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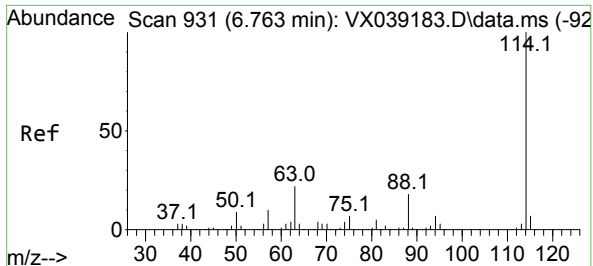
Tgt Ion: 56 Resp: 2348
Ion Ratio Lower Upper
56 100
69 117.8 23.4 35.2#
84 101.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 49.293 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039551.D
Acq: 29 Dec 2023 17:25

Tgt Ion: 65 Resp: 73430
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.2

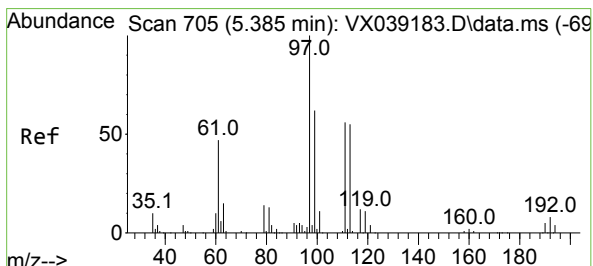
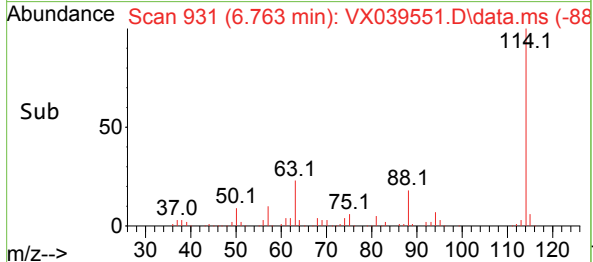
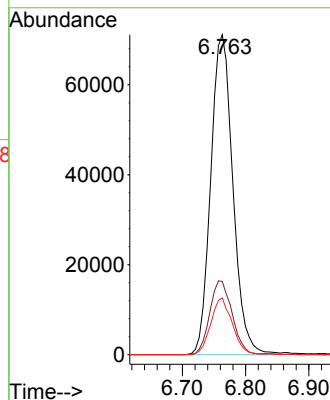
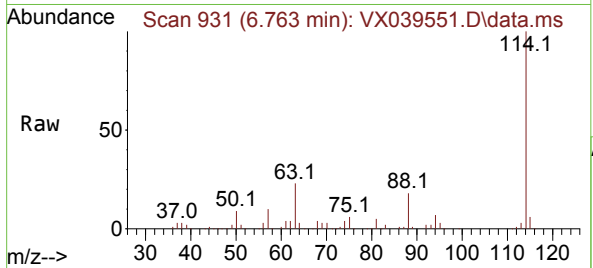




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX039551.D
Acq: 29 Dec 2023 17:25

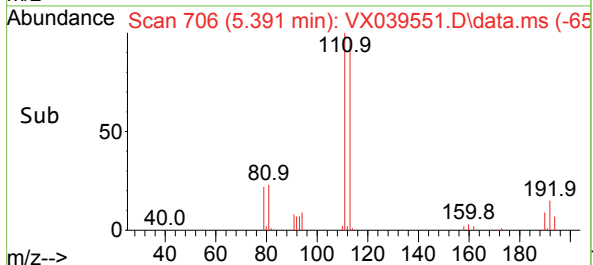
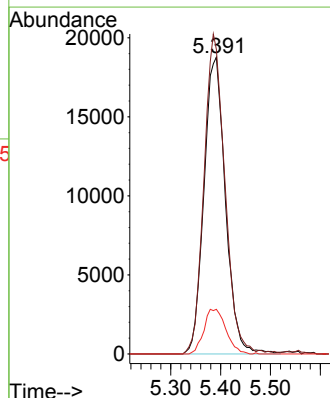
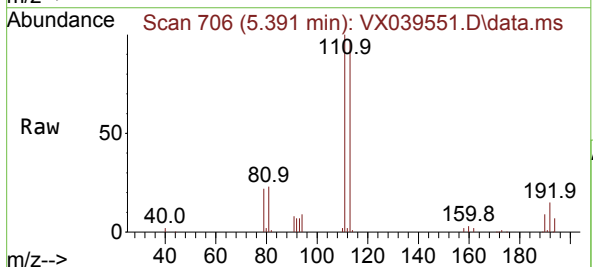
Instrument :
MSVOA_X
ClientSampleId :
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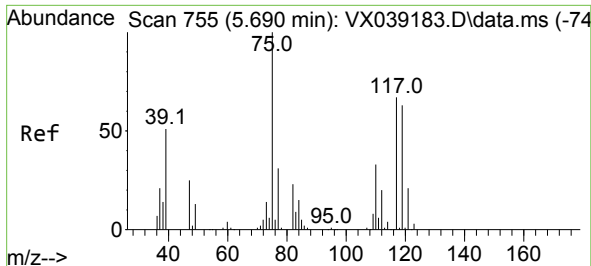
Tgt Ion:114 Resp: 172878
Ion Ratio Lower Upper
114 100
63 22.9 0.0 45.0
88 17.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.019 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.007 min
Lab File: VX039551.D
Acq: 29 Dec 2023 17:25

Tgt Ion:113 Resp: 56156
Ion Ratio Lower Upper
113 100
111 105.2 82.9 124.3
192 15.4 13.3 19.9

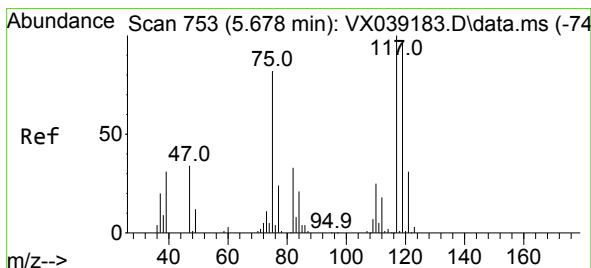
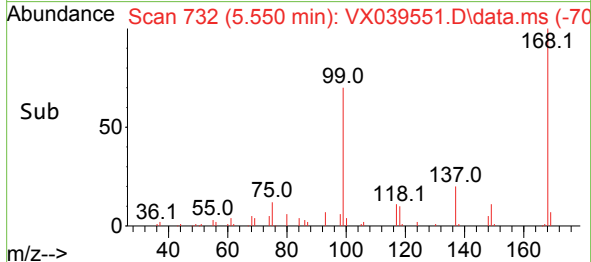
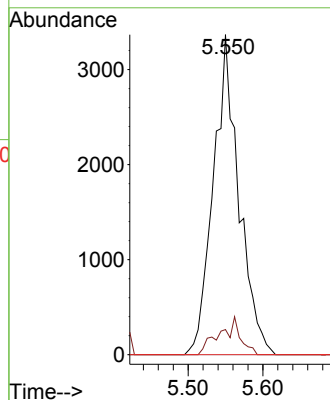
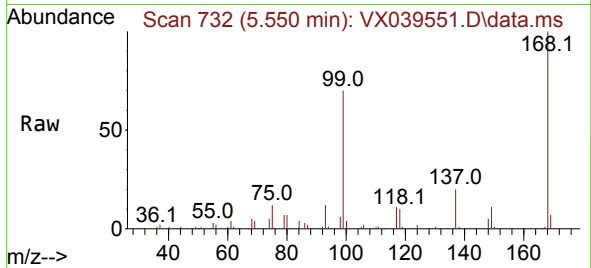




#36
1,1-Dichloropropene
Concen: 4.236 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX039551.D
Acq: 29 Dec 2023 17:25

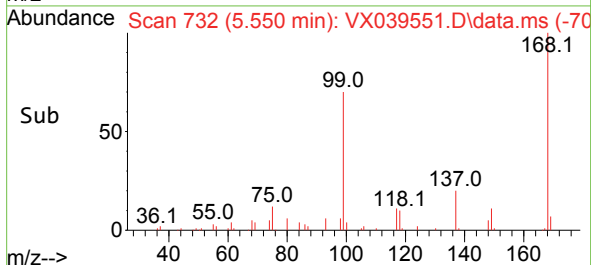
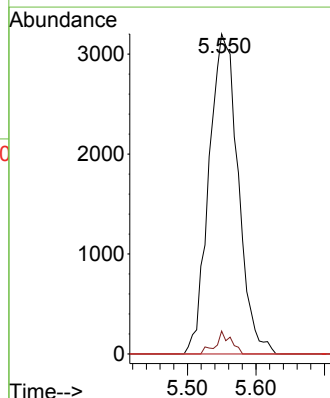
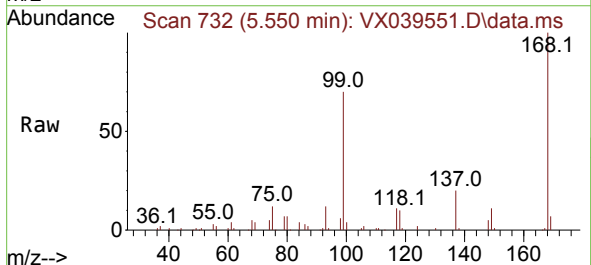
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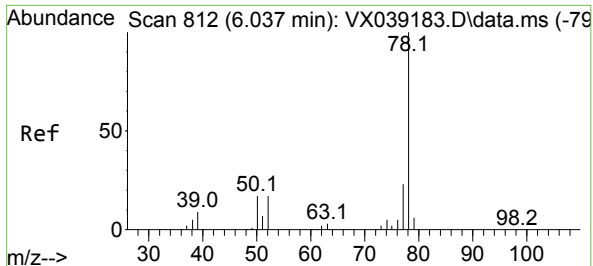
Tgt Ion: 75 Resp: 7983
Ion Ratio Lower Upper
75 100
110 9.7 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.259 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX039551.D
Acq: 29 Dec 2023 17:25

Tgt Ion: 117 Resp: 9458
Ion Ratio Lower Upper
117 100
119 7.2 78.2 117.2#
121 0.0 24.4 36.6#

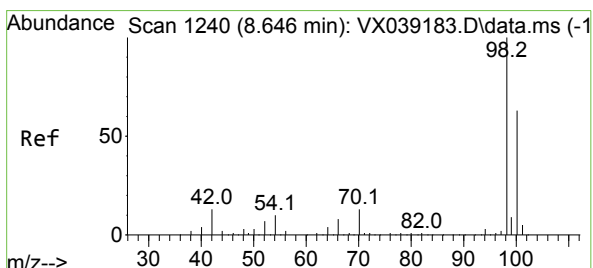
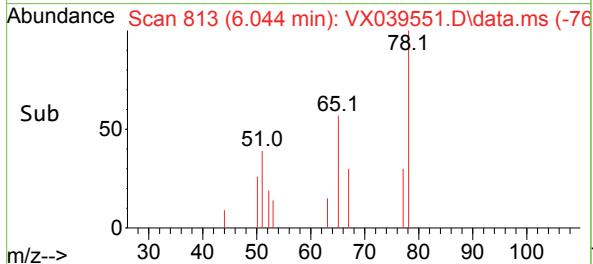
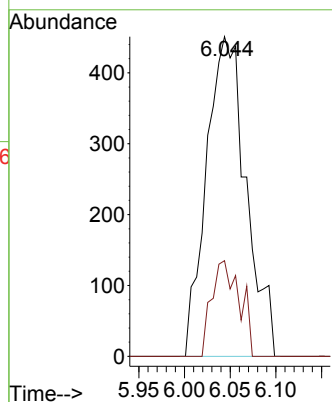
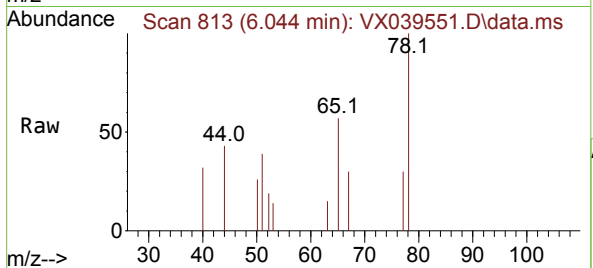




#40
Benzene
Concen: 0.255 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX039551.D
Acq: 29 Dec 2023 17:25

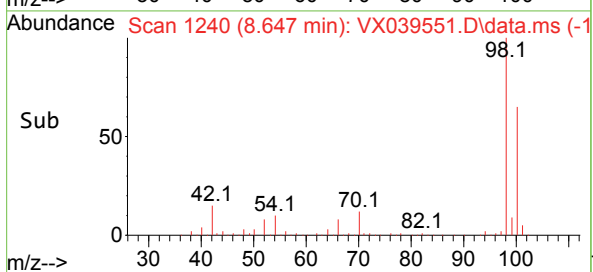
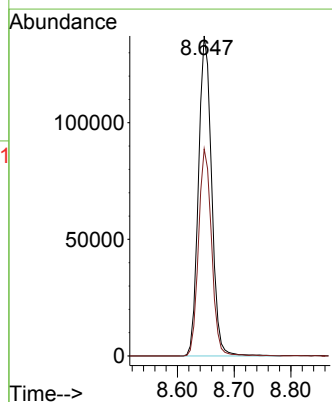
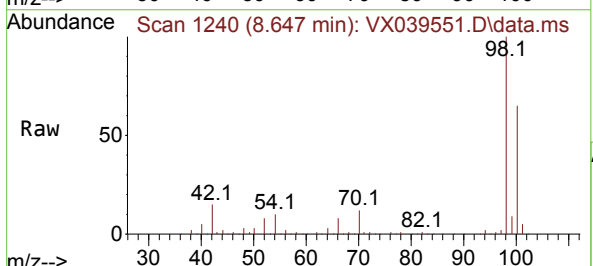
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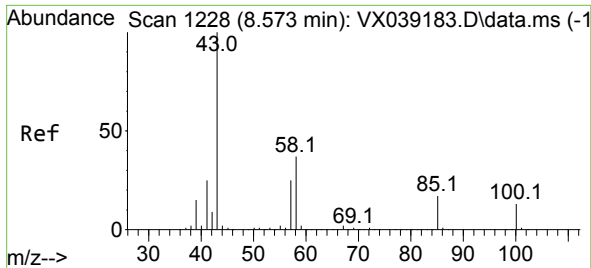
Tgt Ion: 78 Resp: 1359
Ion Ratio Lower Upper
78 100
77 29.9 19.3 28.9#



#50
Toluene-d8
Concen: 49.849 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039551.D
Acq: 29 Dec 2023 17:25

Tgt Ion: 98 Resp: 221028
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7

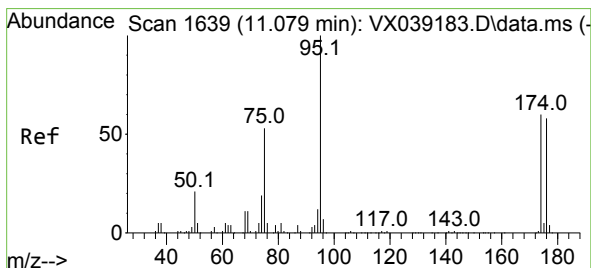
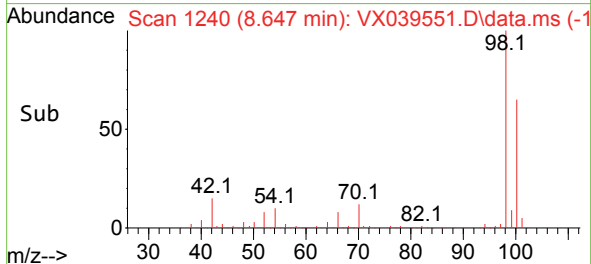
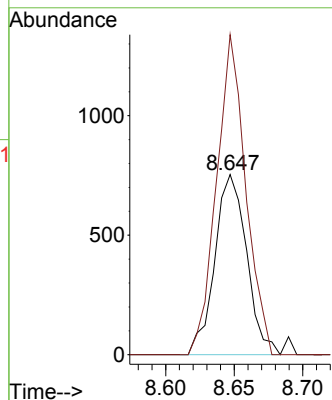
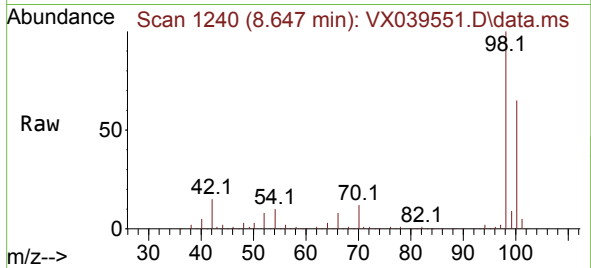




#51
4-Methyl-2-Pentanone
Concen: 0.505 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX039551.D
Acq: 29 Dec 2023 17:25

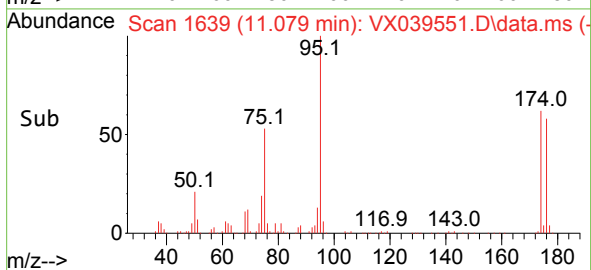
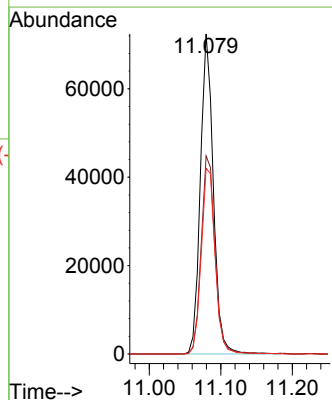
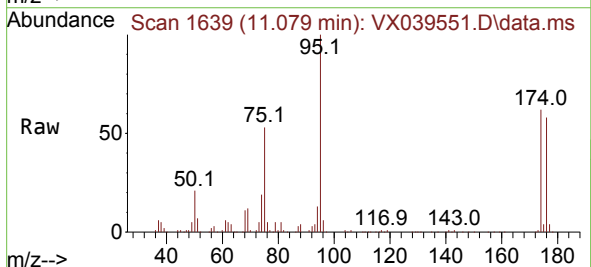
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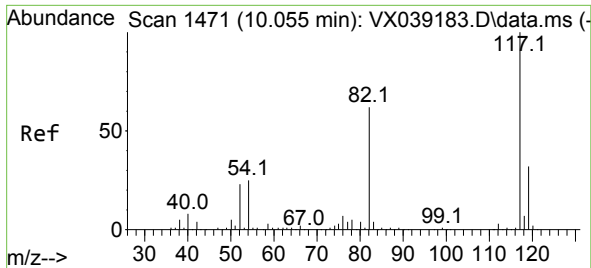
Tgt Ion: 43 Resp: 1218
Ion Ratio Lower Upper
43 100
58 163.3 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 49.780 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039551.D
Acq: 29 Dec 2023 17:25

Tgt Ion: 95 Resp: 91070
Ion Ratio Lower Upper
95 100
174 65.9 0.0 135.6
176 62.3 0.0 131.0

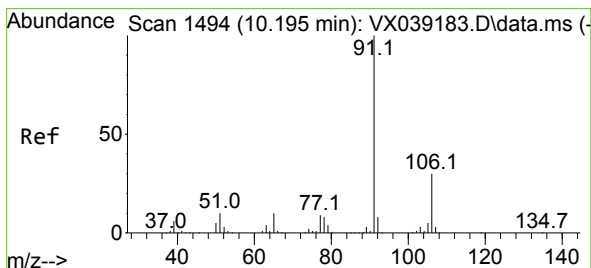
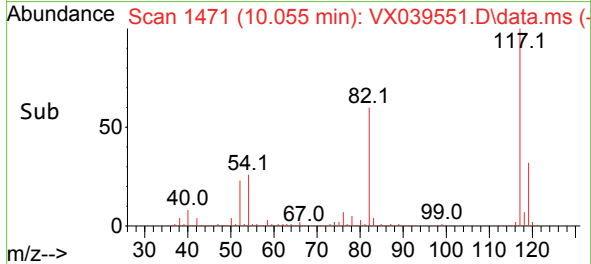
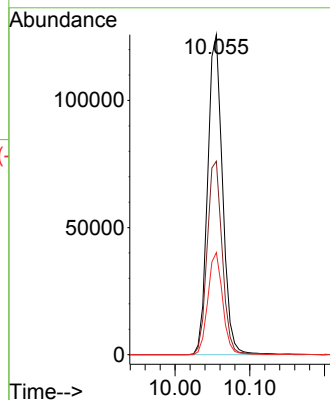
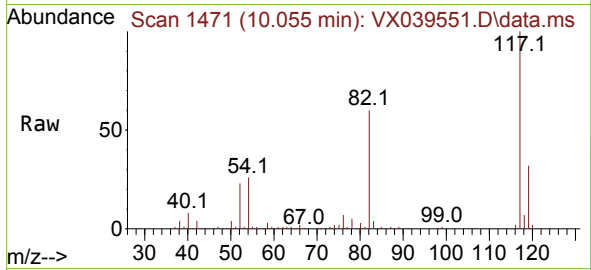




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039551.D
Acq: 29 Dec 2023 17:25

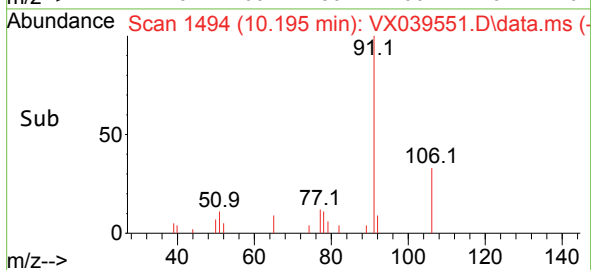
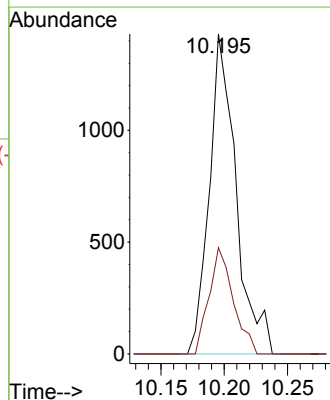
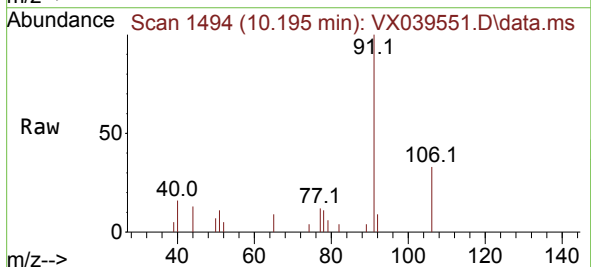
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

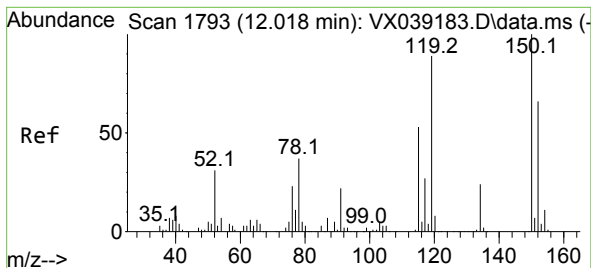
Tgt Ion:117 Resp: 174028
Ion Ratio Lower Upper
117 100
82 60.4 46.2 69.4
119 31.9 25.5 38.3



#67
Ethyl Benzene
Concen: 0.297 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX039551.D
Acq: 29 Dec 2023 17:25

Tgt Ion: 91 Resp: 2102
Ion Ratio Lower Upper
91 100
106 33.2 24.9 37.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.007 min

Lab File: VX039551.D

Acq: 29 Dec 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

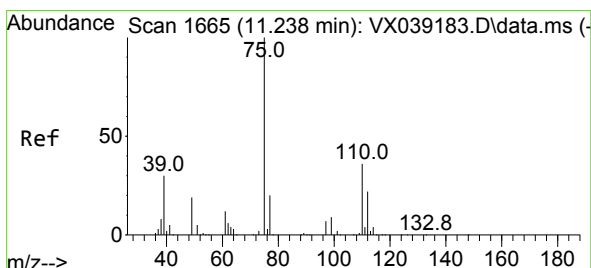
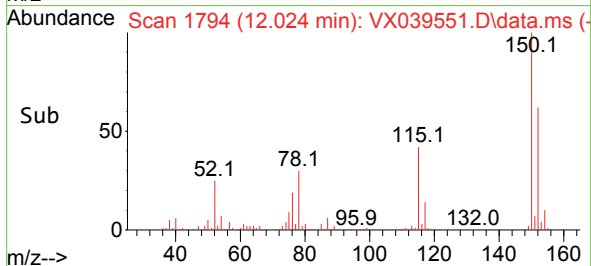
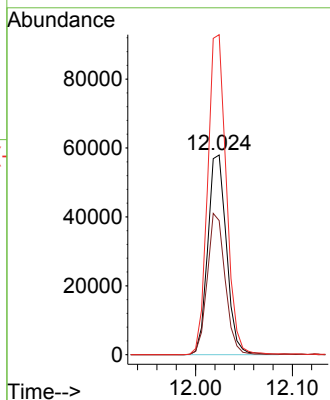
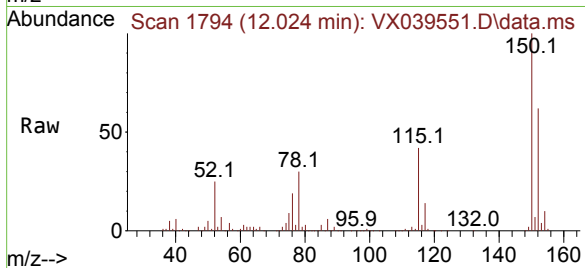
Tgt Ion:152 Resp: 77701

Ion Ratio Lower Upper

152 100

115 68.0 43.3 129.9

150 160.4 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 24.600 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039551.D

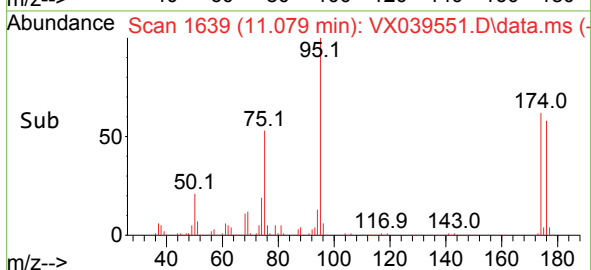
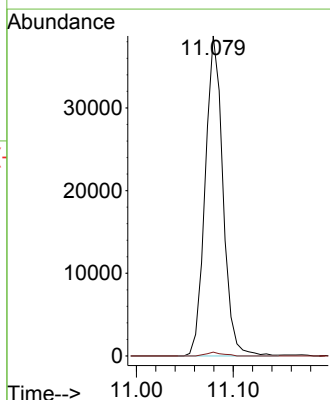
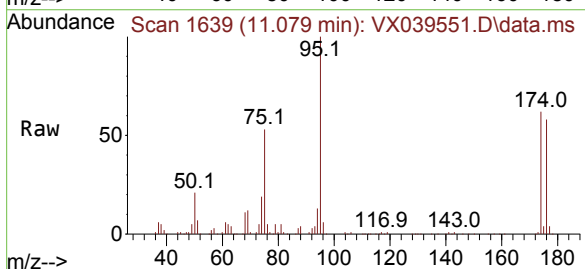
Acq: 29 Dec 2023 17:25

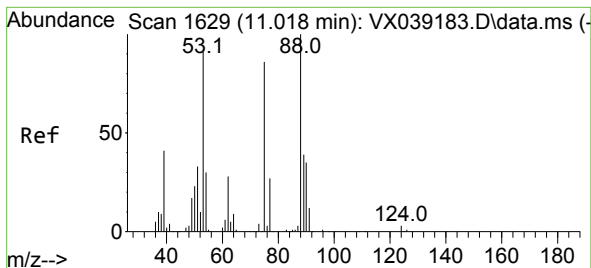
Tgt Ion: 75 Resp: 49452

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#

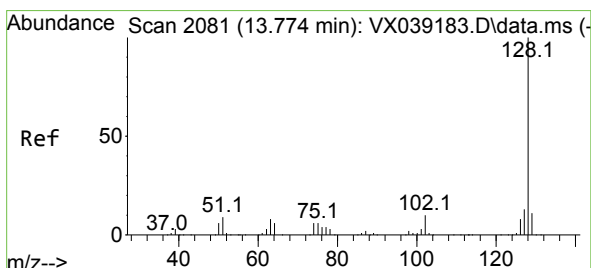
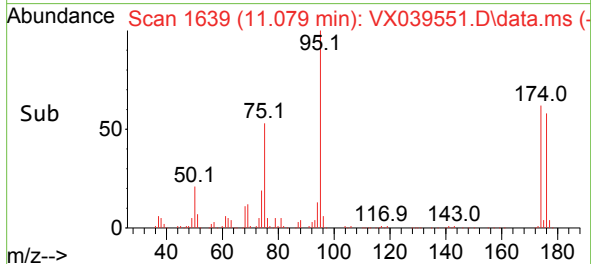
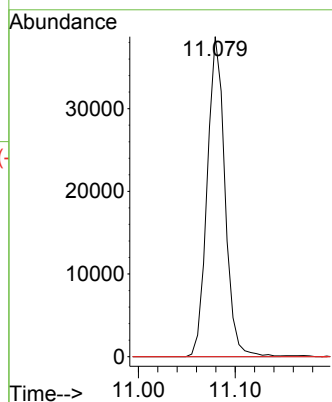
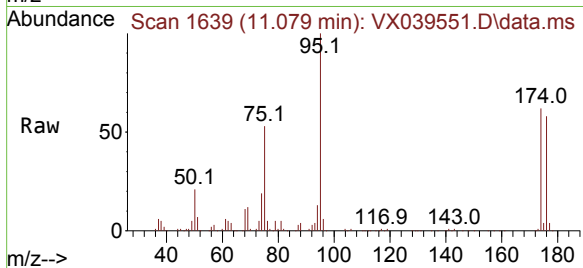




#81
trans-1,4-Dichloro-2-butene
Concen: 69.396 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX039551.D
Acq: 29 Dec 2023 17:25

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 75 Resp: 49452
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 2.942 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX039551.D
Acq: 29 Dec 2023 17:25

Tgt Ion: 128 Resp: 16720
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.4 8.8 13.2

