

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122923\
 Data File : VX039552.D
 Acq On : 29 Dec 2023 17:48
 Operator : JC/MD
 Sample : 06046-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Dec 30 02:05:05 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)

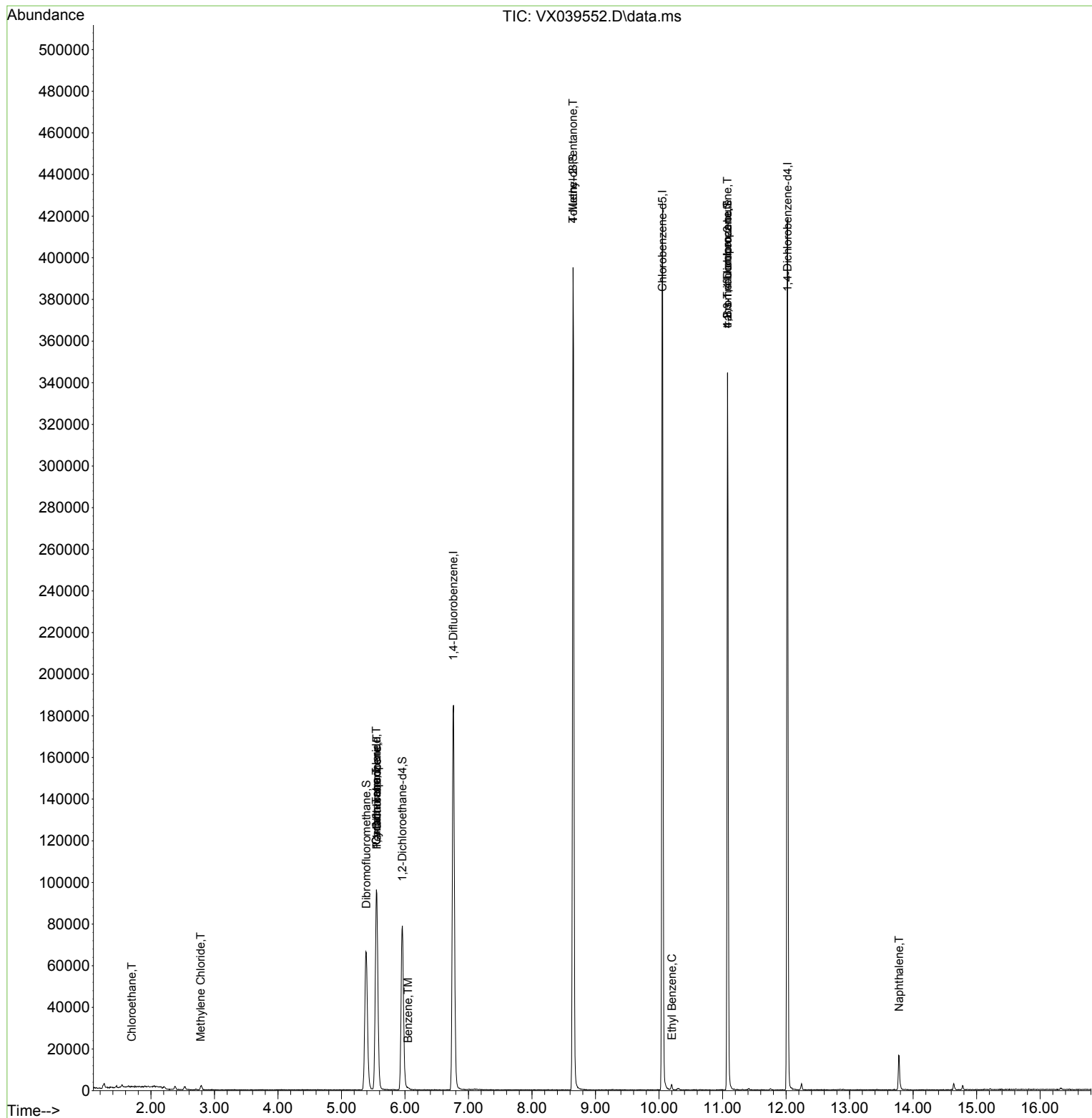
Internal Standards						
1) Pentafluorobenzene	5.556	168	84507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	180027	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77087	49.794	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.580%
35) Dibromofluoromethane	5.391	113	59457	47.806	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.620%
50) Toluene-d8	8.647	98	230307	49.879	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.760%
62) 4-Bromofluorobenzene	11.079	95	93858	49.267	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.540%
Target Compounds						
					Qvalue	
6) Chloroethane	1.697	64	254	0.344	ug/l #	43
16) Acetone	2.380	43	1700	Below Cal	#	77
20) Methylene Chloride	2.782	84	939	0.728	ug/l #	76
31) Cyclohexane	5.550	56	2376	1.188	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	8151	4.153	ug/l #	50
38) Carbon Tetrachloride	5.550	117	10204	5.448	ug/l #	13
40) Benzene	6.050	78	1153	0.208	ug/l #	51
51) 4-Methyl-2-Pentanone	8.647	43	1254	0.499	ug/l #	1
67) Ethyl Benzene	10.201	91	1772	0.239	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	52550	25.361	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	52550	71.543	ug/l #	5
95) Naphthalene	13.780	128	12725	2.172	ug/l	97

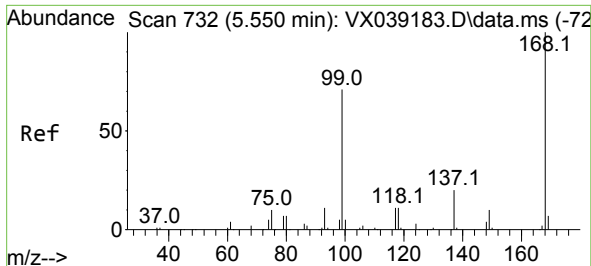
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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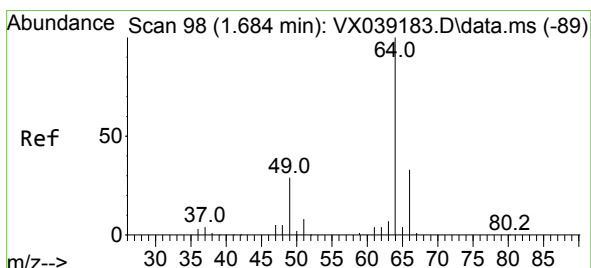
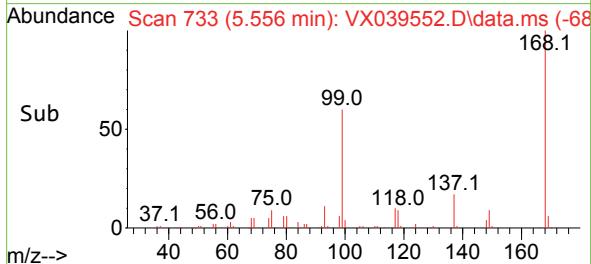
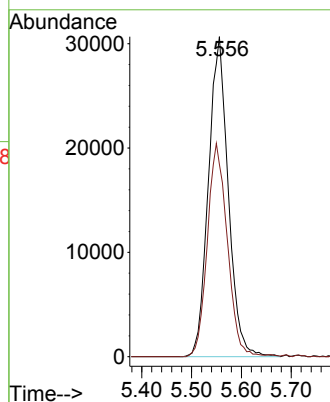
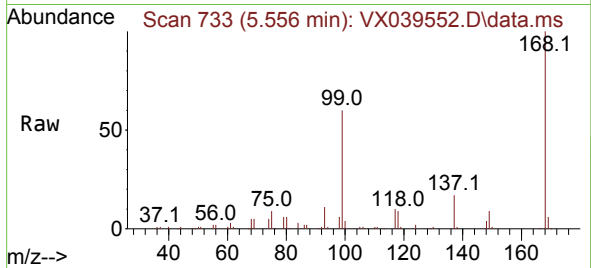




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039552.D
Acq: 29 Dec 2023 17:48

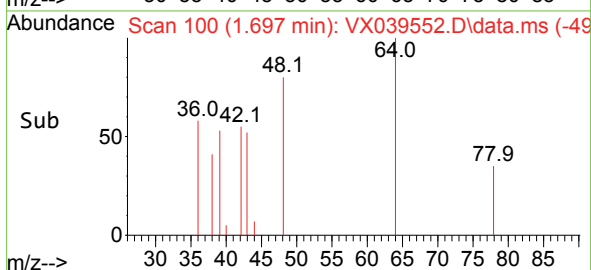
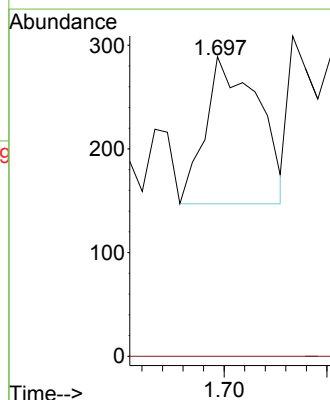
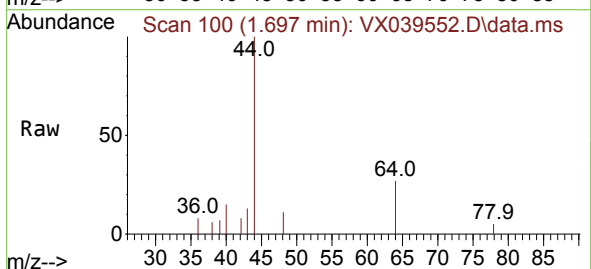
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

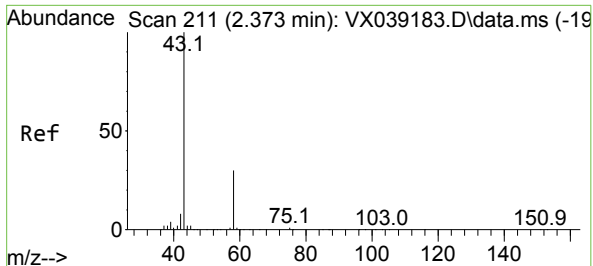
Tgt Ion:168 Resp: 84507
Ion Ratio Lower Upper
168 100
99 60.1 56.6 85.0



#6
Chloroethane
Concen: 0.344 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.012 min
Lab File: VX039552.D
Acq: 29 Dec 2023 17:48

Tgt Ion: 64 Resp: 254
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

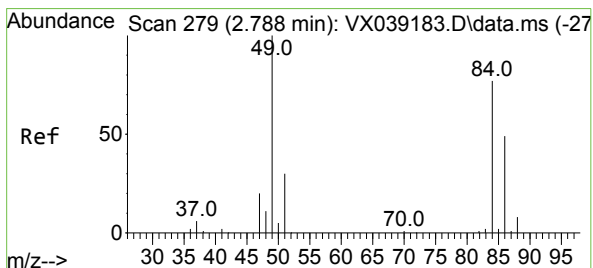
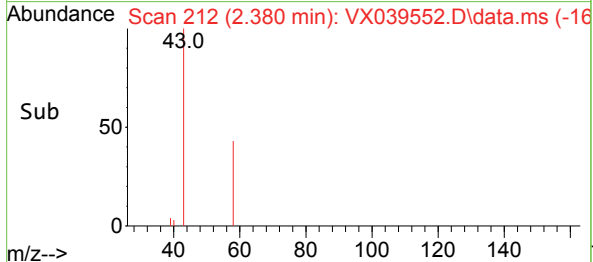
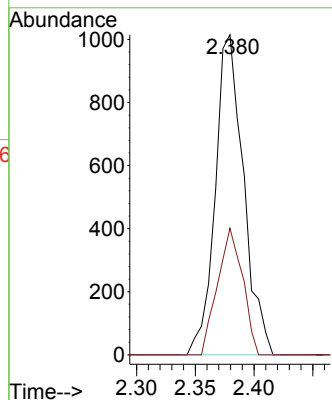
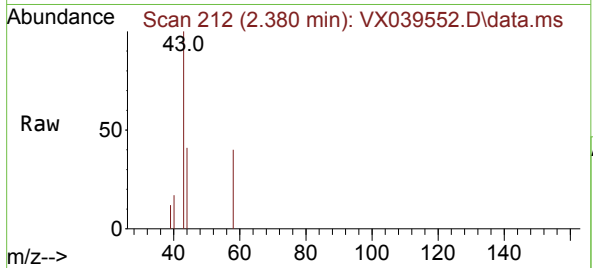




#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX039552.D
Acq: 29 Dec 2023 17:48

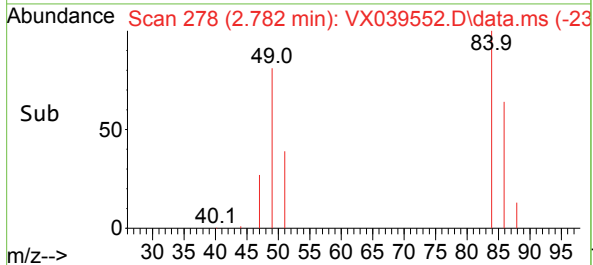
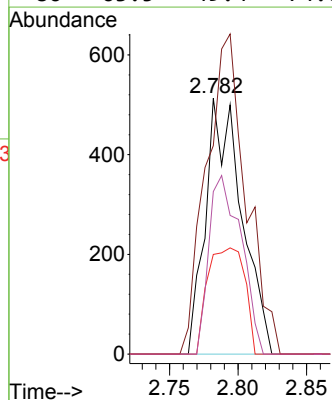
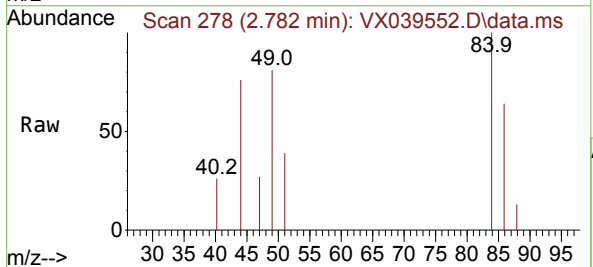
Instrument :
MSVOA_X
ClientSampleId :
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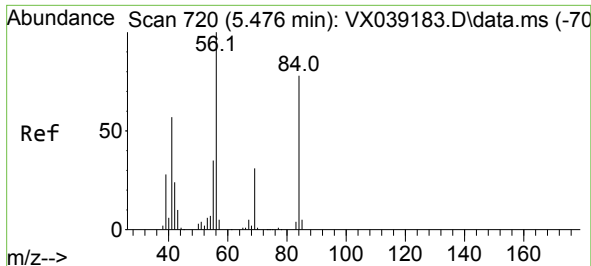
Tgt Ion: 43 Resp: 1700
Ion Ratio Lower Upper
43 100
58 39.5 21.9 32.9#



#20
Methylene Chloride
Concen: 0.728 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX039552.D
Acq: 29 Dec 2023 17:48

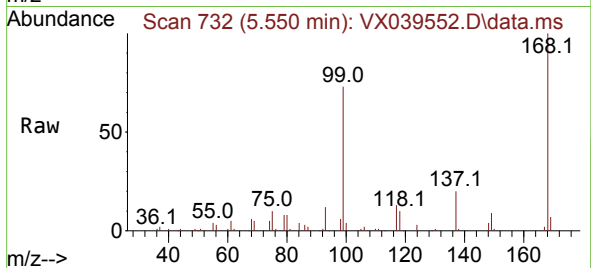
Tgt Ion: 84 Resp: 939
Ion Ratio Lower Upper
84 100
49 81.5 103.6 155.4#
51 39.0 33.8 50.6
86 63.5 49.4 74.0



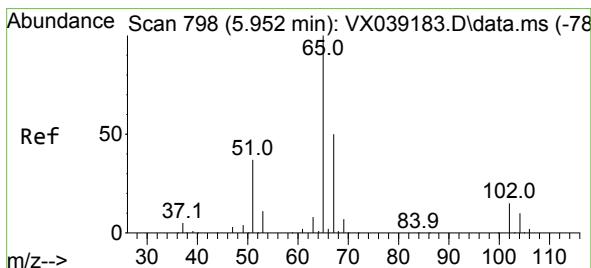
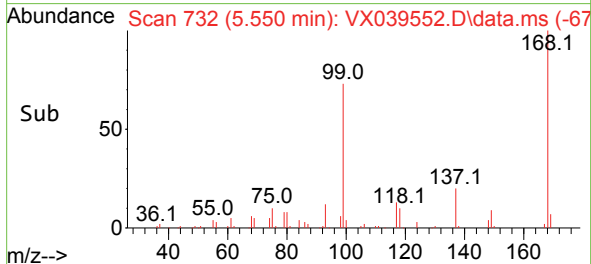
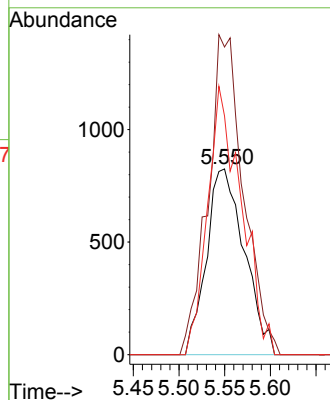


#31
Cyclohexane
Concen: 1.188 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX039552.D
Acq: 29 Dec 2023 17:48

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

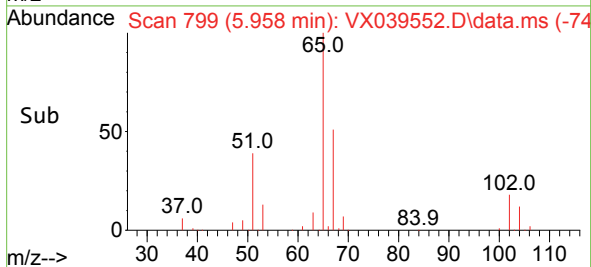
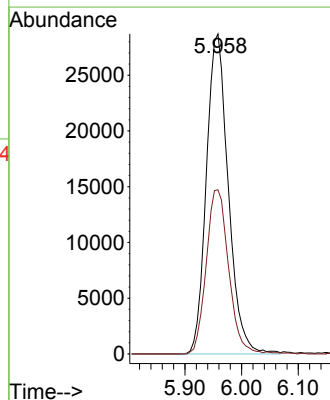
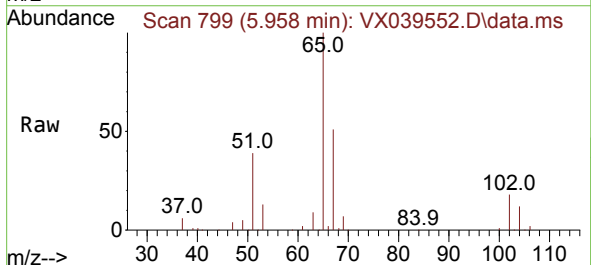


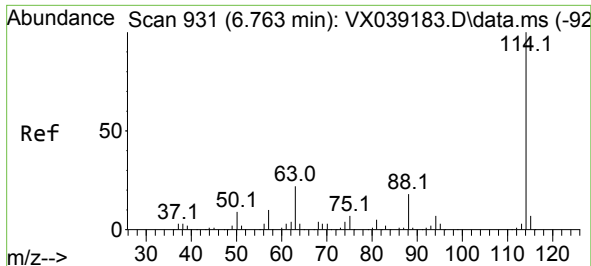
Tgt Ion: 56 Resp: 2376
Ion Ratio Lower Upper
56 100
69 165.7 23.4 35.2#
84 128.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 49.794 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX039552.D
Acq: 29 Dec 2023 17:48

Tgt Ion: 65 Resp: 77087
Ion Ratio Lower Upper
65 100
67 52.6 0.0 100.2

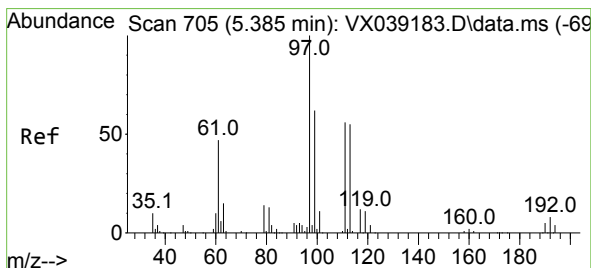
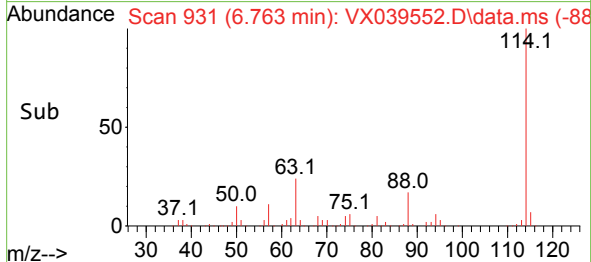
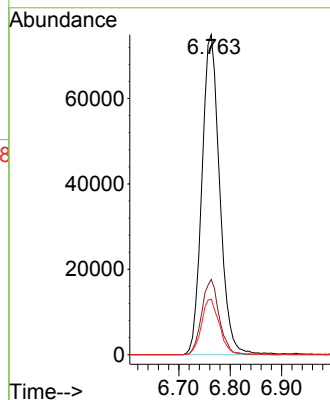
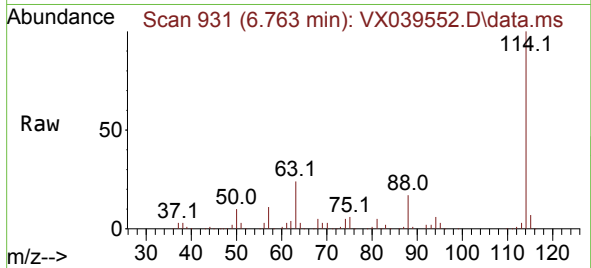




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX039552.D
Acq: 29 Dec 2023 17:48

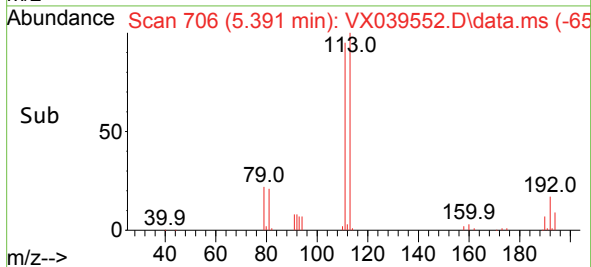
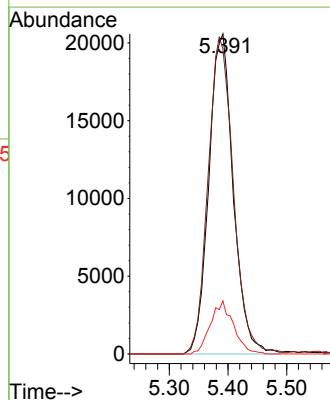
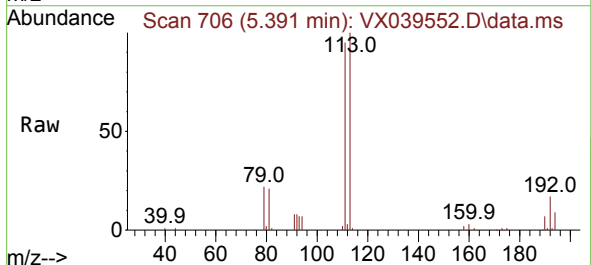
Instrument :
MSVOA_X
ClientSampleId :
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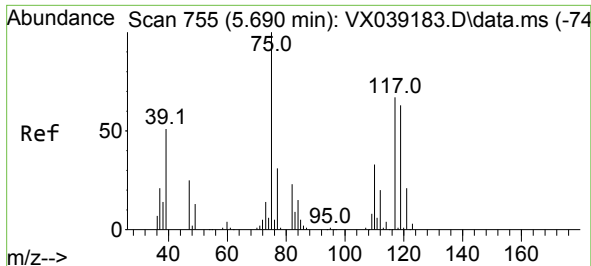
Tgt Ion:114 Resp: 180027
Ion Ratio Lower Upper
114 100
63 23.5 0.0 45.0
88 17.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.806 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX039552.D
Acq: 29 Dec 2023 17:48

Tgt Ion:113 Resp: 59457
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 15.6 13.3 19.9

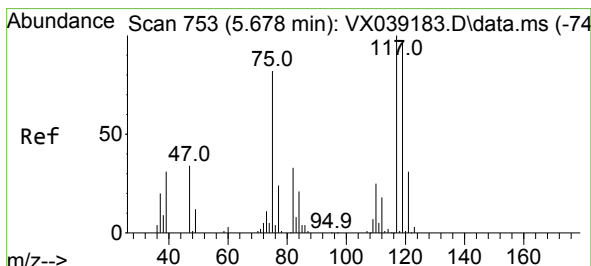
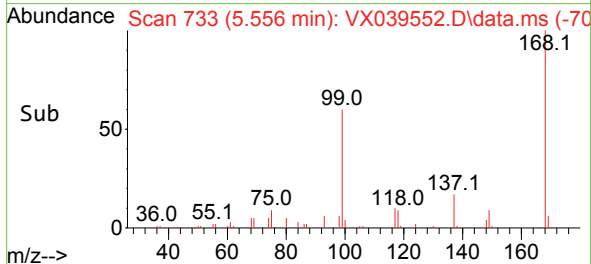
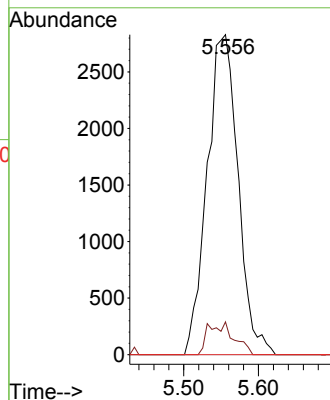
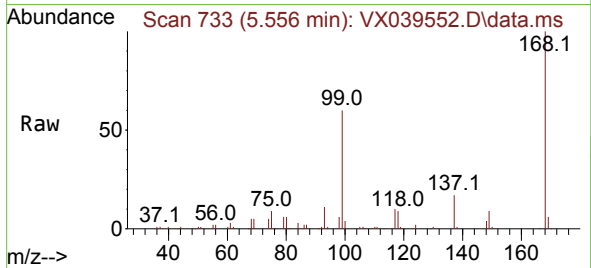




#36
1,1-Dichloropropene
Concen: 4.153 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX039552.D
Acq: 29 Dec 2023 17:48

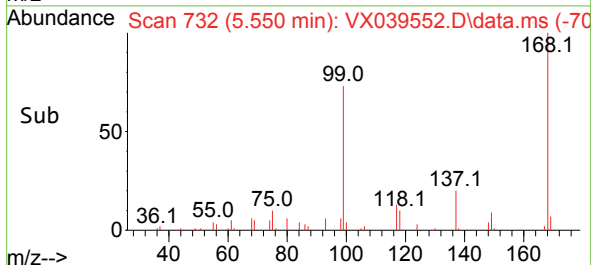
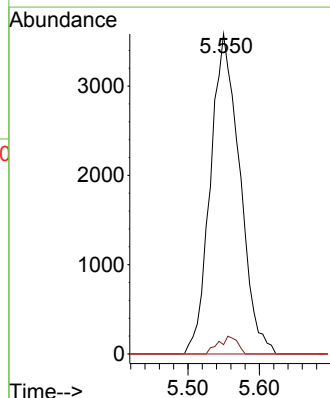
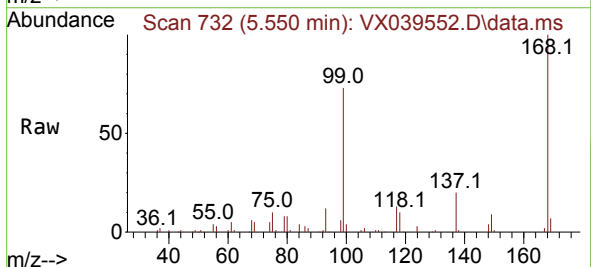
Instrument :
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ClientSampleId :
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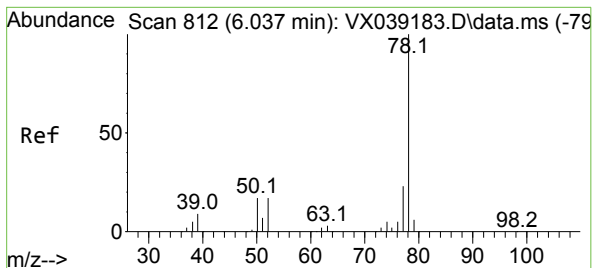
Tgt Ion: 75 Resp: 8151
Ion Ratio Lower Upper
75 100
110 8.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.448 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX039552.D
Acq: 29 Dec 2023 17:48

Tgt Ion: 117 Resp: 10204
Ion Ratio Lower Upper
117 100
119 2.9 78.2 117.2#
121 0.0 24.4 36.6#





#40

Benzene

Concen: 0.208 ug/l

RT: 6.050 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX039552.D

Acq: 29 Dec 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

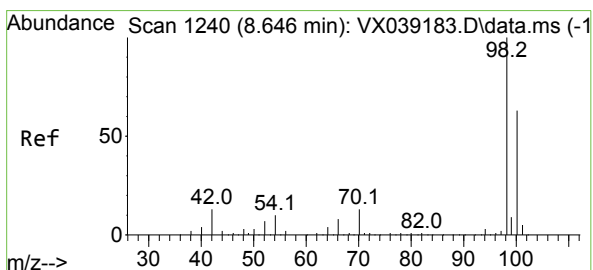
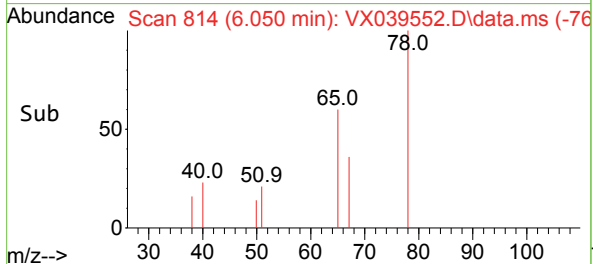
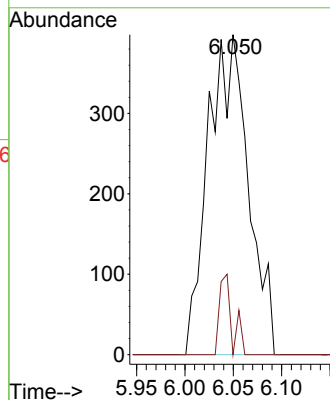
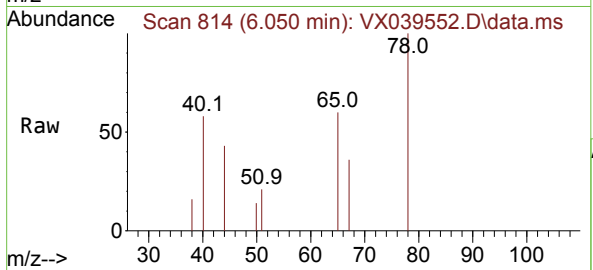
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 78 Resp: 1153

Ion Ratio Lower Upper

78 100

77 0.0 19.3 28.9#



#50

Toluene-d8

Concen: 49.879 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX039552.D

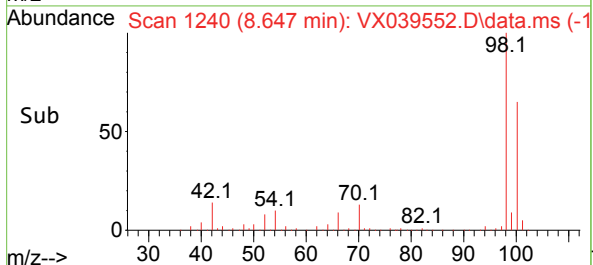
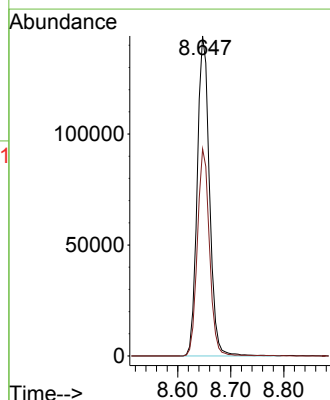
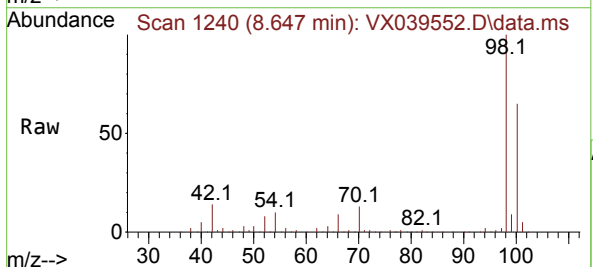
Acq: 29 Dec 2023 17:48

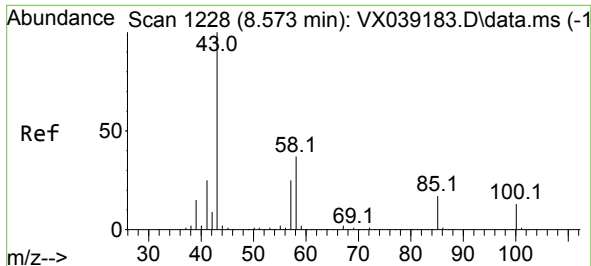
Tgt Ion: 98 Resp: 230307

Ion Ratio Lower Upper

98 100

100 63.8 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.499 ug/l

RT: 8.647 min Scan# 1228

Delta R.T. 0.073 min

Lab File: VX039552.D

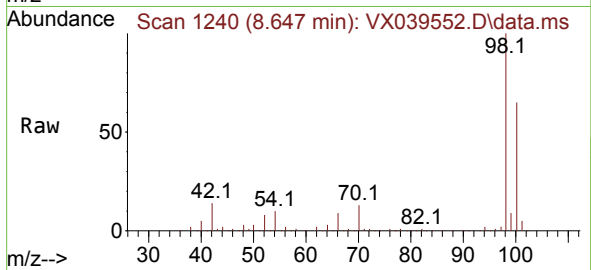
Acq: 29 Dec 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

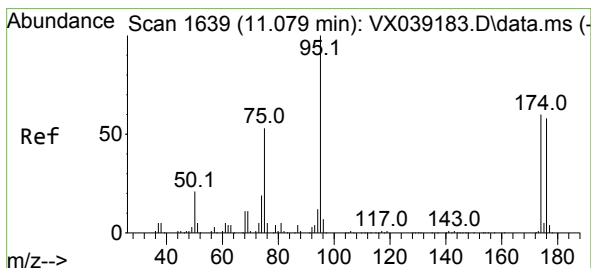
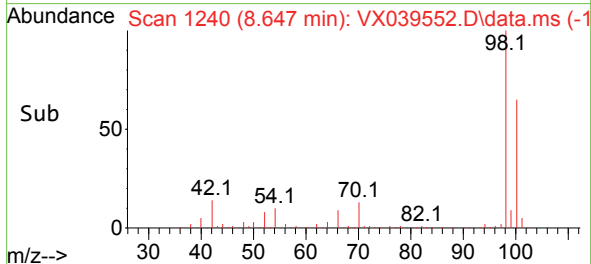
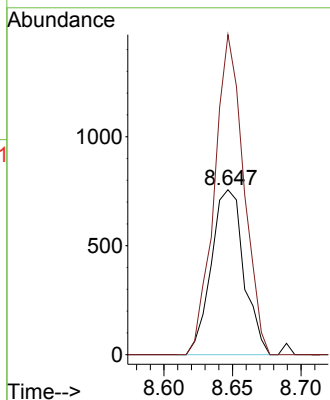


Tgt Ion: 43 Resp: 1254

Ion Ratio Lower Upper

43 100

58 175.0 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 49.267 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX039552.D

Acq: 29 Dec 2023 17:48

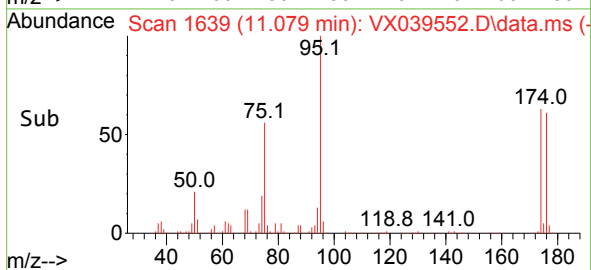
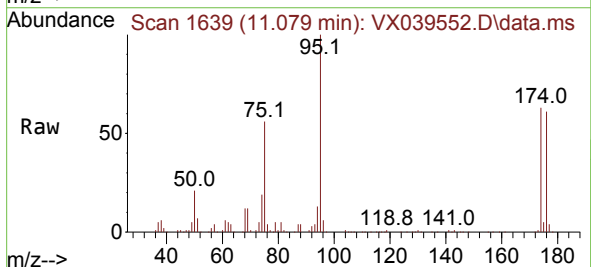
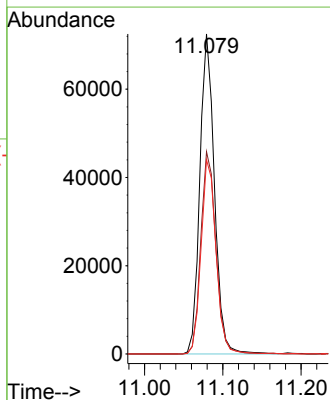
Tgt Ion: 95 Resp: 93858

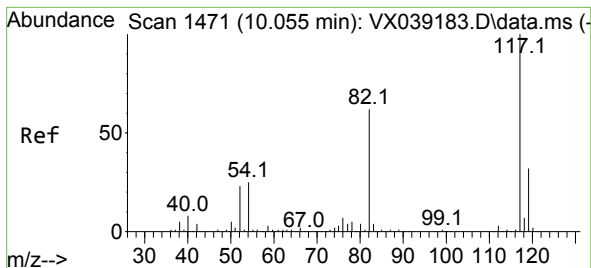
Ion Ratio Lower Upper

95 100

174 65.3 0.0 135.6

176 62.4 0.0 131.0

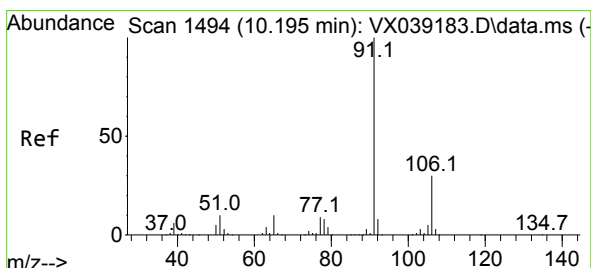
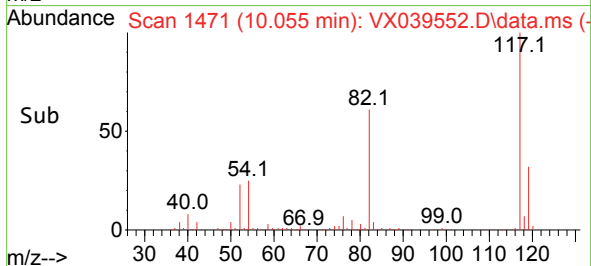
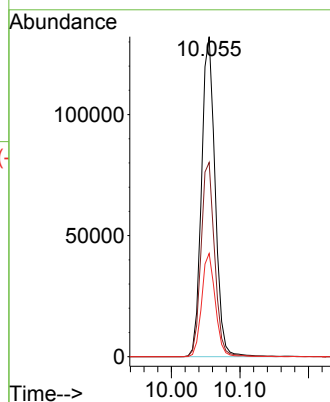
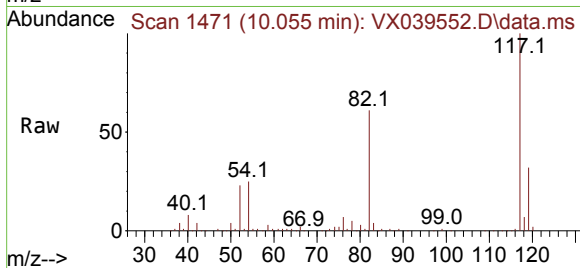




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039552.D
Acq: 29 Dec 2023 17:48

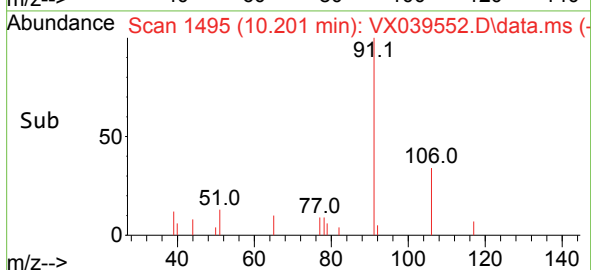
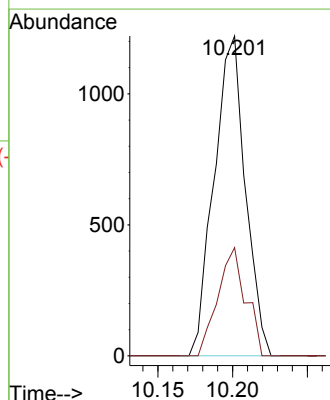
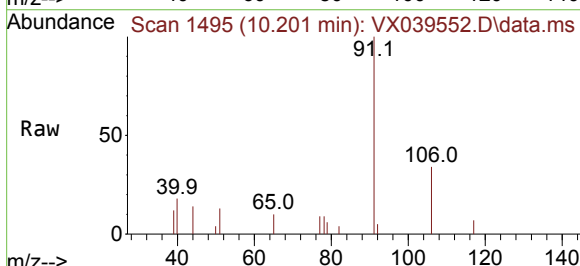
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

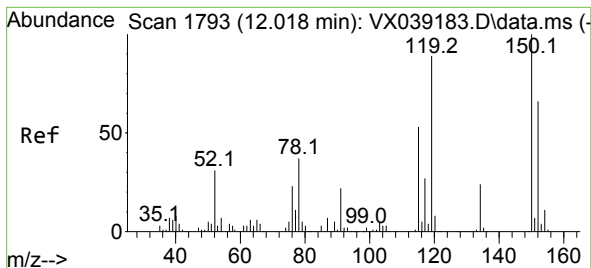
Tgt Ion:117 Resp: 182594
Ion Ratio Lower Upper
117 100
82 60.7 46.2 69.4
119 32.2 25.5 38.3



#67
Ethyl Benzene
Concen: 0.239 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX039552.D
Acq: 29 Dec 2023 17:48

Tgt Ion: 91 Resp: 1772
Ion Ratio Lower Upper
91 100
106 33.8 24.9 37.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX039552.D

Acq: 29 Dec 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

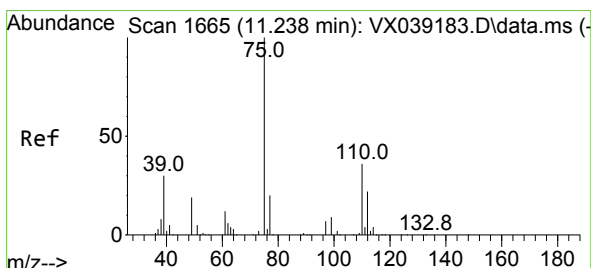
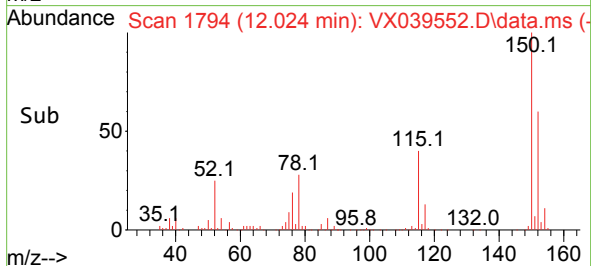
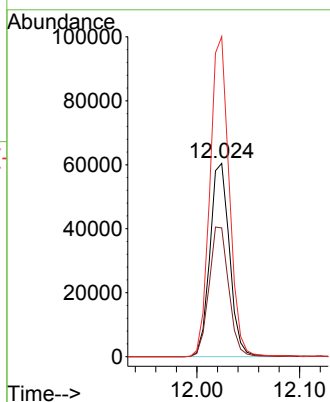
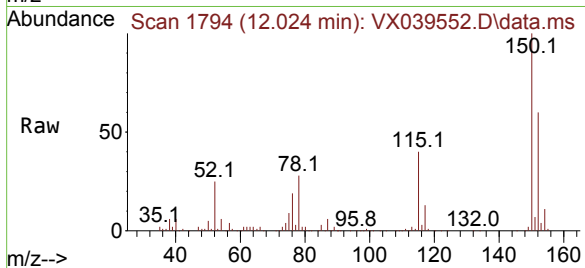
Tgt Ion:152 Resp: 80091

Ion Ratio Lower Upper

152 100

115 67.7 43.3 129.9

150 162.0 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 25.361 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039552.D

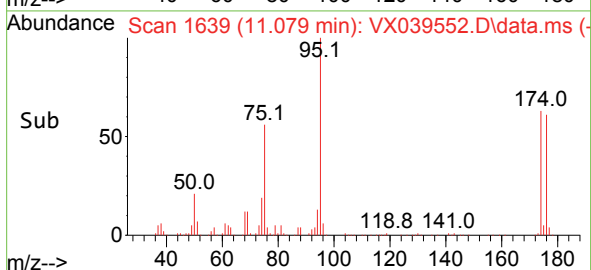
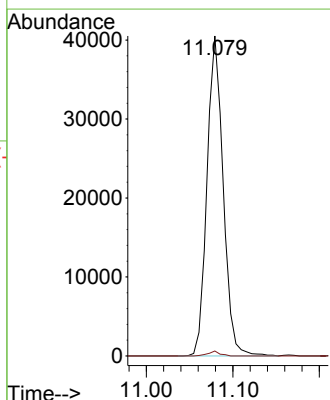
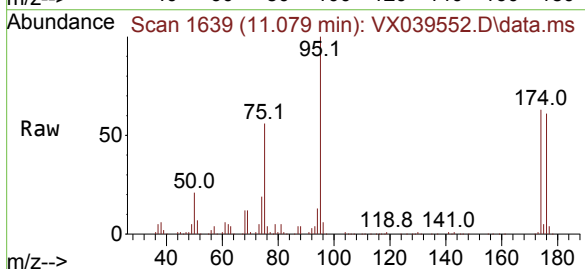
Acq: 29 Dec 2023 17:48

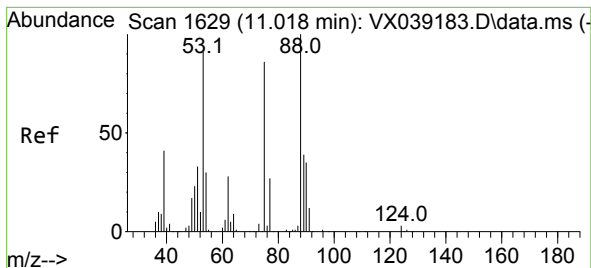
Tgt Ion: 75 Resp: 52550

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#

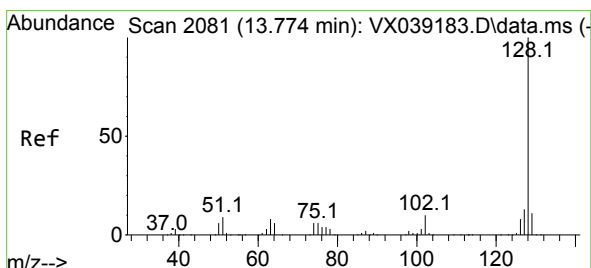
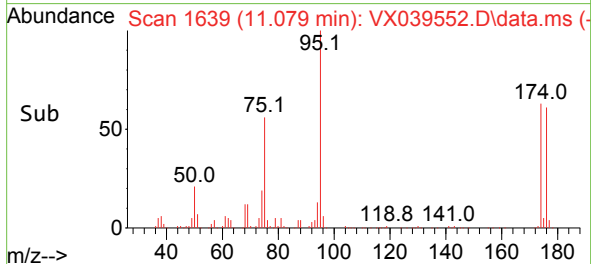
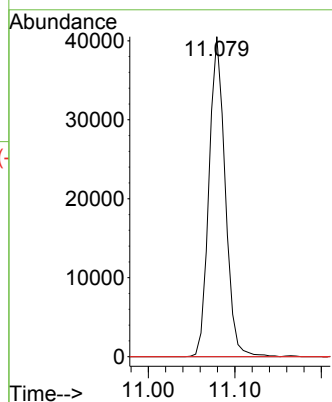
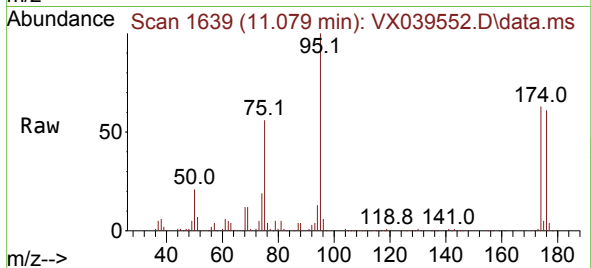




#81
trans-1,4-Dichloro-2-butene
Concen: 71.543 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX039552.D
Acq: 29 Dec 2023 17:48

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 75 Resp: 52550
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 2.172 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX039552.D
Acq: 29 Dec 2023 17:48

Tgt Ion: 128 Resp: 12725
Ion Ratio Lower Upper
128 100
127 13.9 10.3 15.5
129 9.9 8.8 13.2

