

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091823\
 Data File : VX037783.D
 Acq On : 18 Sep 2023 18:00
 Operator : JC/MD
 Sample : 04475-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Sep 19 07:24:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

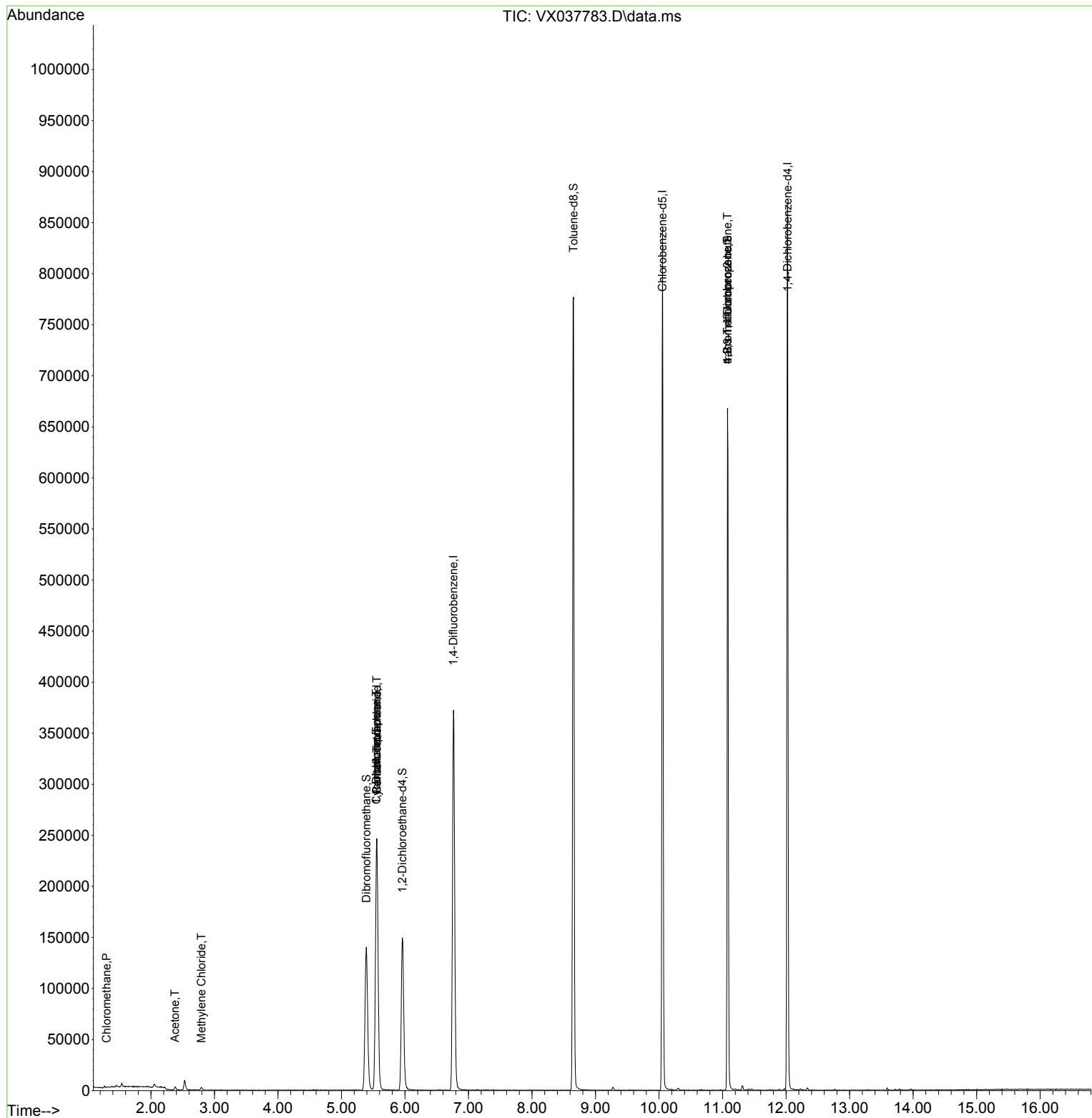
Internal Standards						
1) Pentafluorobenzene	5.555	168	236901	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	396833	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	377019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	187571	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	144337	46.373	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.740%
35) Dibromofluoromethane	5.391	113	123132	46.373	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.740%
50) Toluene-d8	8.652	98	481589	48.814	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.620%
62) 4-Bromofluorobenzene	11.079	95	176504	49.233	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.460%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	646	0.238	ug/l	96
16) Acetone	2.379	43	3299	2.203	ug/l	# 77
20) Methylene Chloride	2.794	84	1207	0.411	ug/l	# 81
31) Cyclohexane	5.549	56	5008	1.254	ug/l	# 1
36) 1,1-Dichloropropene	5.549	75	18320	5.009	ug/l	# 51
38) Carbon Tetrachloride	5.555	117	24238	6.333	ug/l	# 16
76) 1,2,3-Trichloropropane	11.079	75	89657	20.666	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	89657	66.201	ug/l	# 5

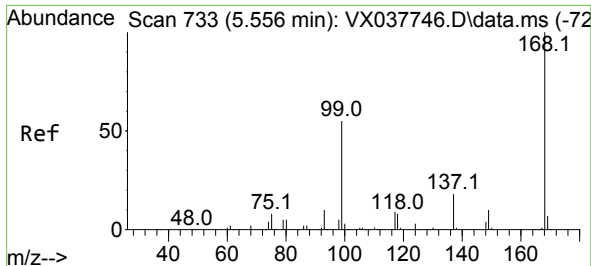
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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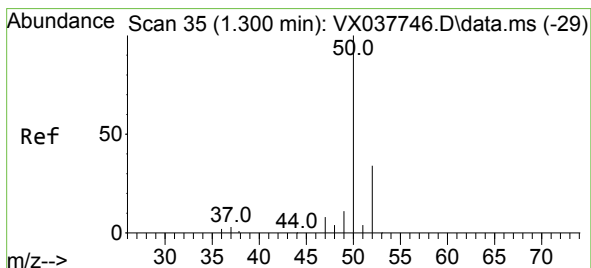
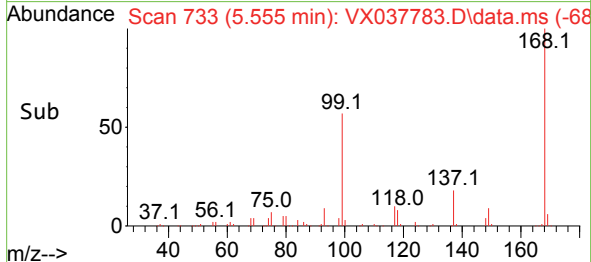
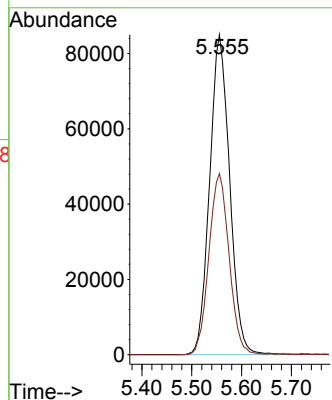
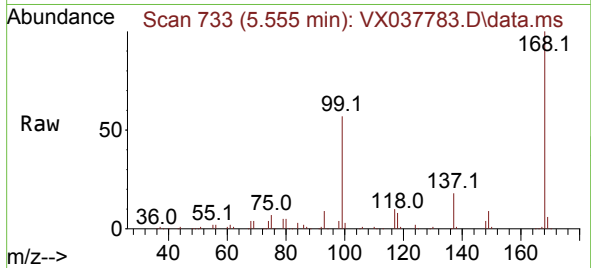




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. 0.005 min
Lab File: VX037783.D
Acq: 18 Sep 2023 18:00

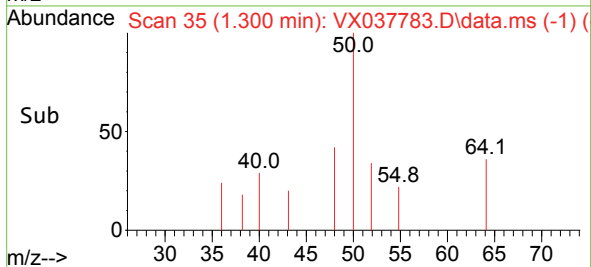
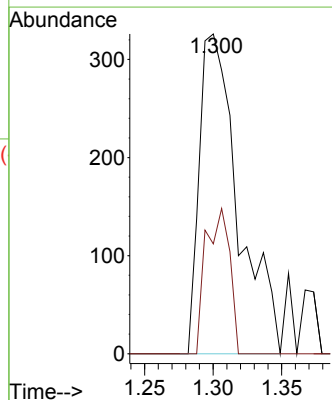
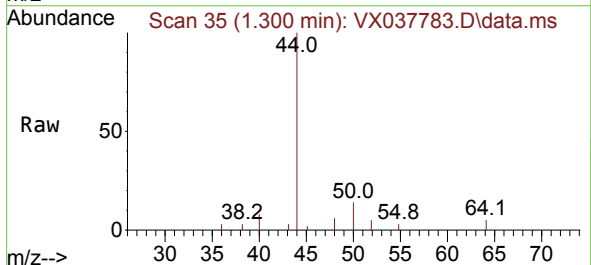
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

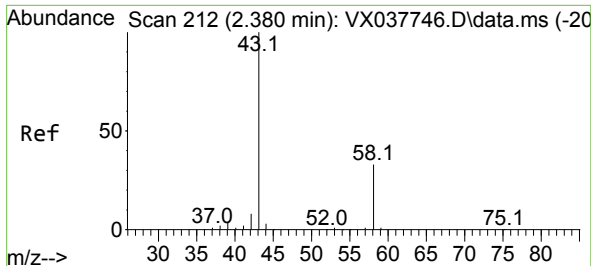
Tgt Ion:168 Resp: 236901
Ion Ratio Lower Upper
168 100
99 56.6 56.6 85.0#



#3
Chloromethane
Concen: 0.238 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX037783.D
Acq: 18 Sep 2023 18:00

Tgt Ion: 50 Resp: 646
Ion Ratio Lower Upper
50 100
52 34.4 25.5 38.3

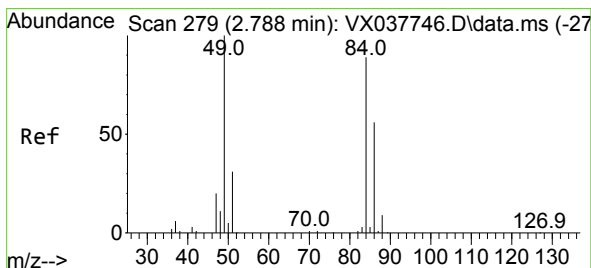
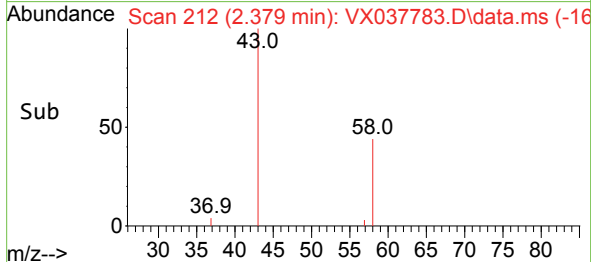
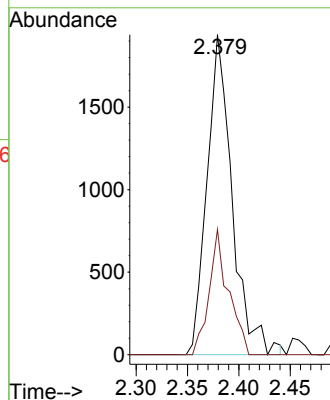
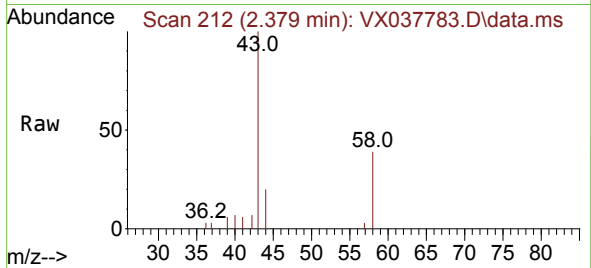




#16
Acetone
Concen: 2.203 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX037783.D
Acq: 18 Sep 2023 18:00

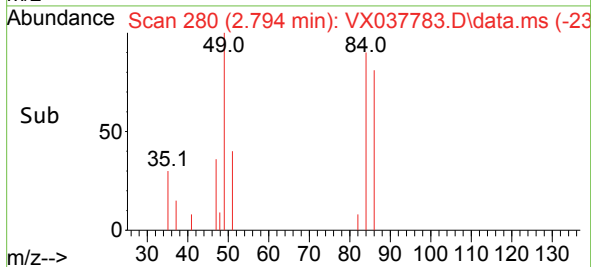
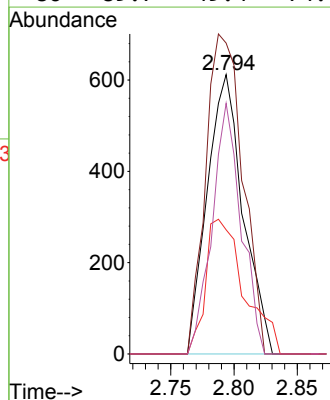
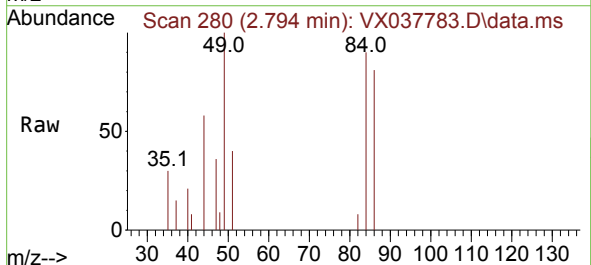
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

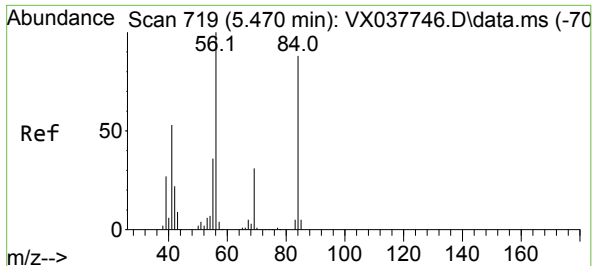
Tgt Ion: 43 Resp: 3299
Ion Ratio Lower Upper
43 100
58 39.1 21.9 32.9#



#20
Methylene Chloride
Concen: 0.411 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX037783.D
Acq: 18 Sep 2023 18:00

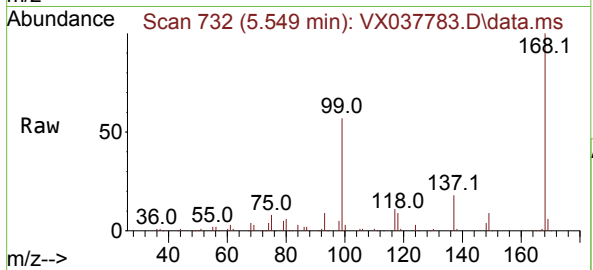
Tgt Ion: 84 Resp: 1207
Ion Ratio Lower Upper
84 100
49 111.3 103.6 155.4
51 44.4 33.8 50.6
86 89.7 49.4 74.0#



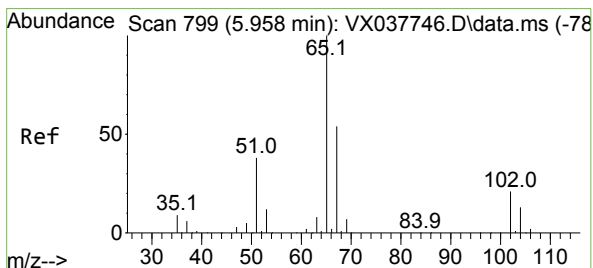
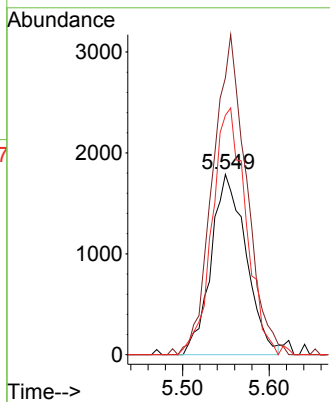
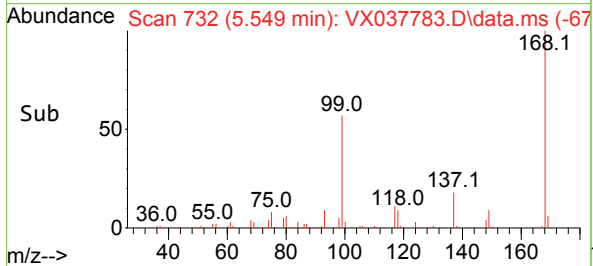


#31
Cyclohexane
Concen: 1.254 ug/l
RT: 5.549 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037783.D
Acq: 18 Sep 2023 18:00

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

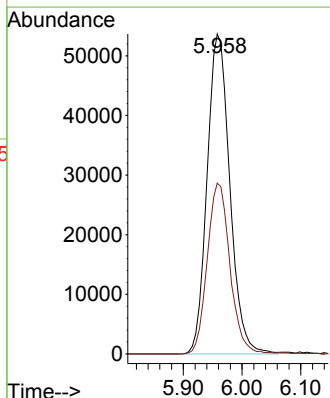
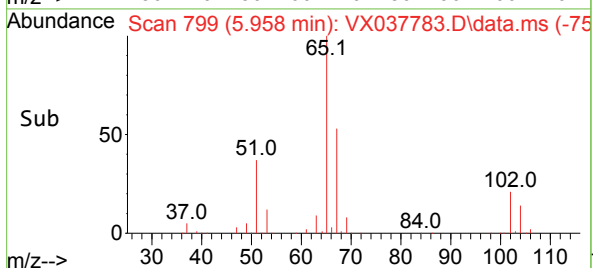
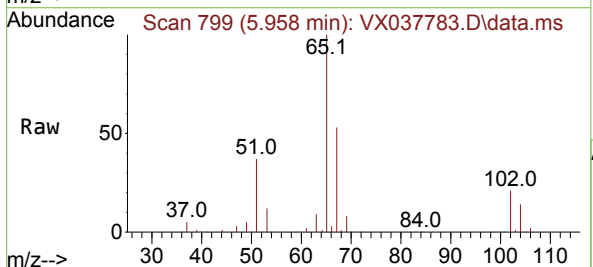


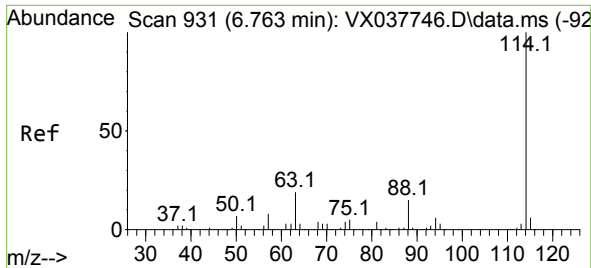
Tgt Ion: 56 Resp: 5008
Ion Ratio Lower Upper
56 100
69 153.5 23.4 35.2#
84 132.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.373 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037783.D
Acq: 18 Sep 2023 18:00

Tgt Ion: 65 Resp: 144337
Ion Ratio Lower Upper
65 100
67 53.3 0.0 100.2

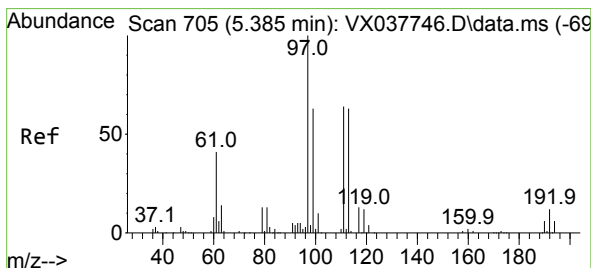
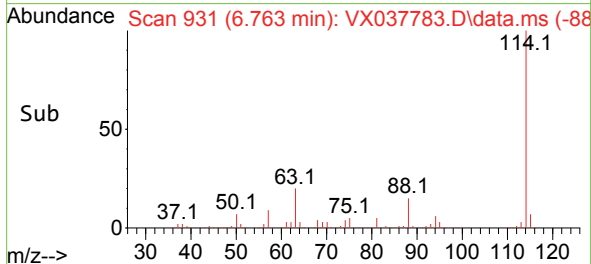
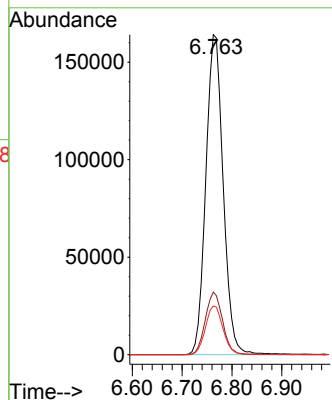
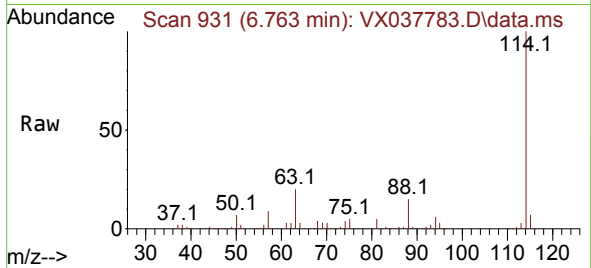




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037783.D
Acq: 18 Sep 2023 18:00

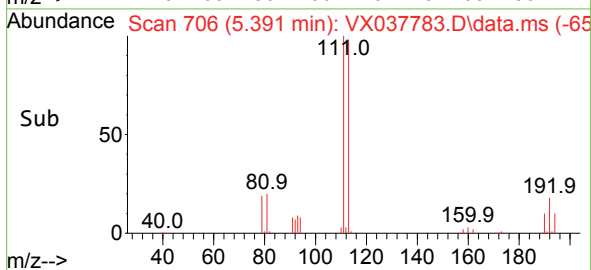
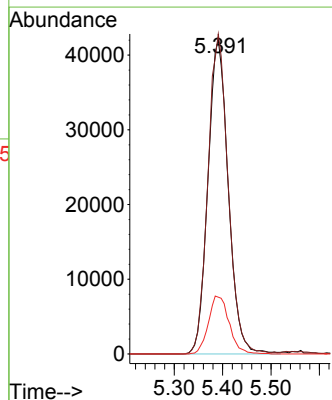
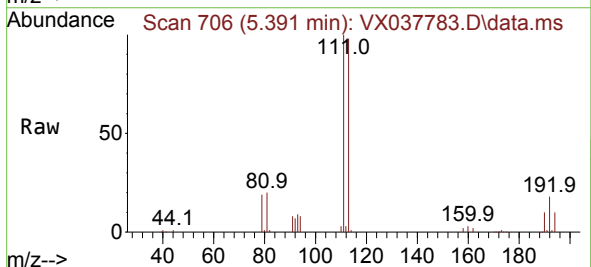
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

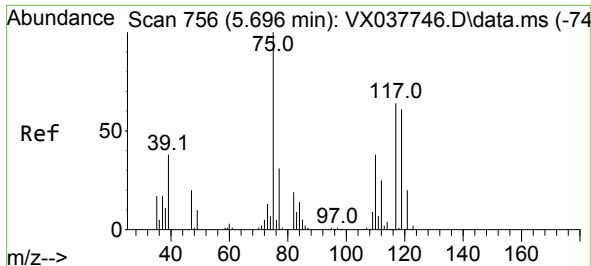
Tgt Ion:114 Resp: 396833
Ion Ratio Lower Upper
114 100
63 19.5 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.373 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037783.D
Acq: 18 Sep 2023 18:00

Tgt Ion:113 Resp: 123132
Ion Ratio Lower Upper
113 100
111 101.1 82.9 124.3
192 18.7 13.3 19.9

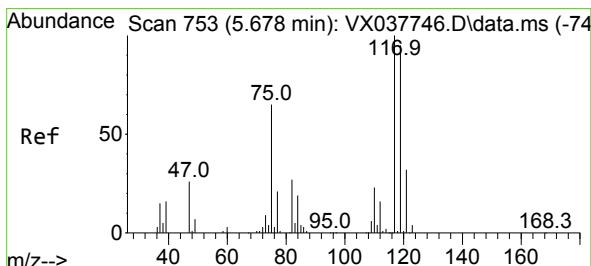
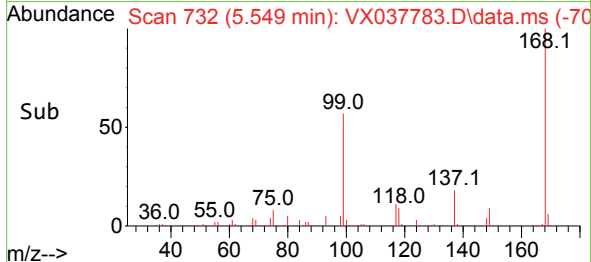
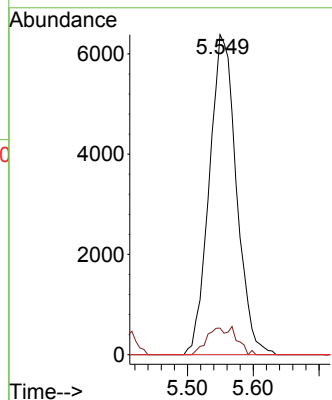
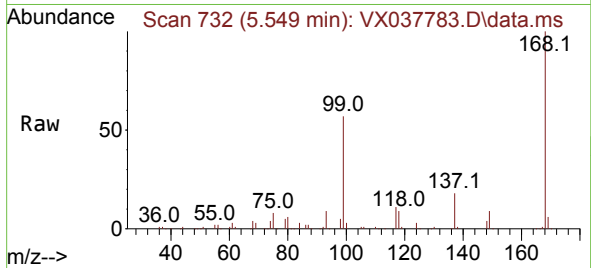




#36
1,1-Dichloropropene
Concen: 5.009 ug/l
RT: 5.549 min Scan# 713
Delta R.T. -0.147 min
Lab File: VX037783.D
Acq: 18 Sep 2023 18:00

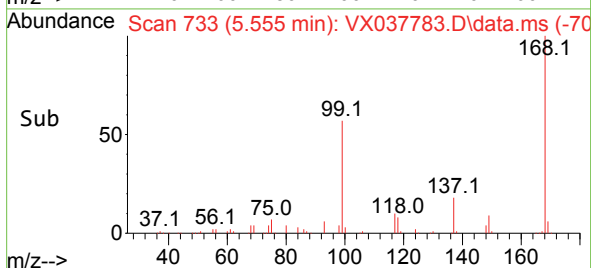
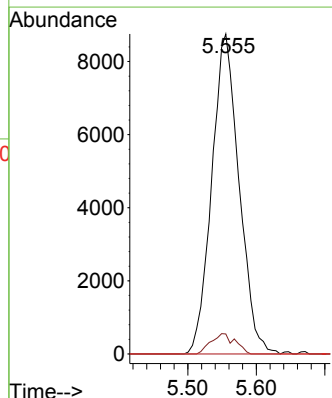
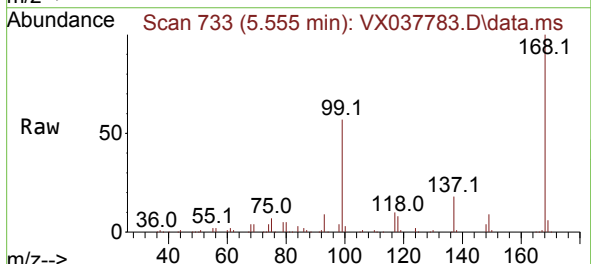
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

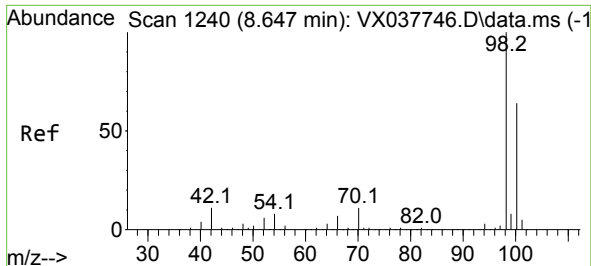
Tgt Ion: 75 Resp: 18320
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.333 ug/l
RT: 5.555 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX037783.D
Acq: 18 Sep 2023 18:00

Tgt Ion: 117 Resp: 24238
Ion Ratio Lower Upper
117 100
119 6.2 78.2 117.2#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 48.814 ug/l

RT: 8.652 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX037783.D

Acq: 18 Sep 2023 18:00

Instrument :

MSVOA_X

ClientSampleId :

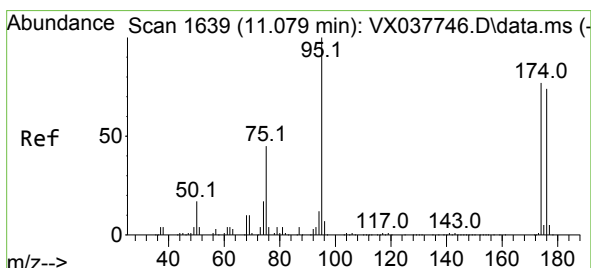
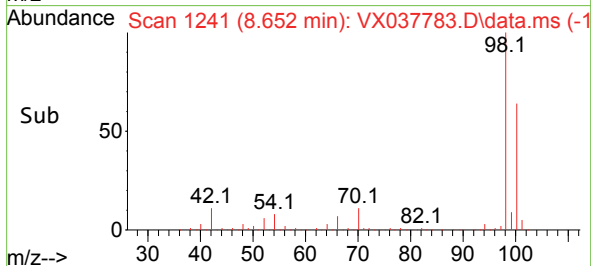
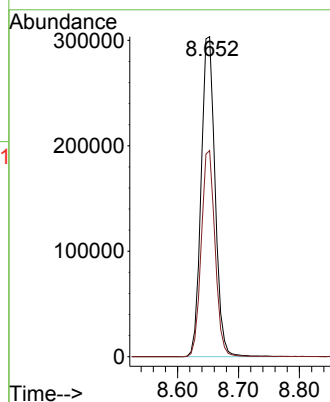
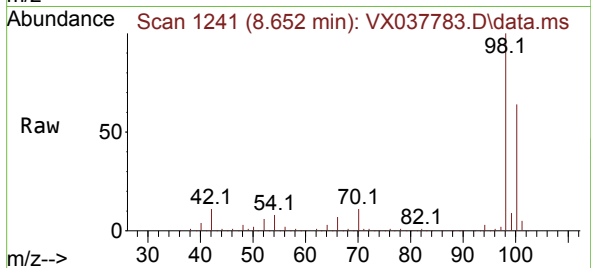
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 98 Resp: 481589

Ion Ratio Lower Upper

98 100

100 64.1 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 49.233 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX037783.D

Acq: 18 Sep 2023 18:00

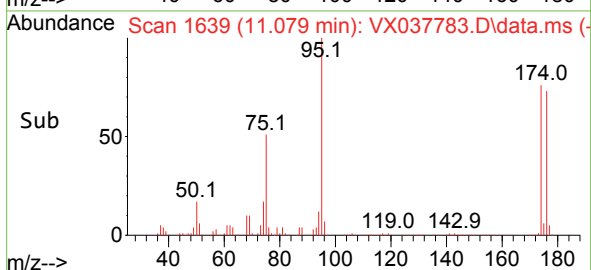
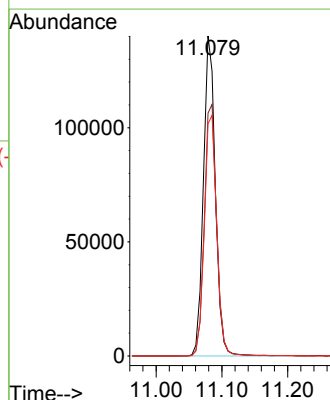
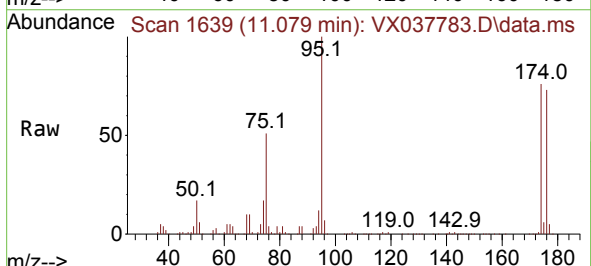
Tgt Ion: 95 Resp: 176504

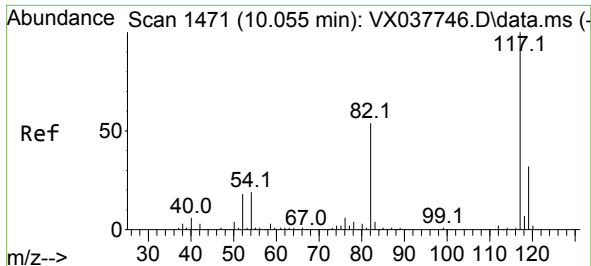
Ion Ratio Lower Upper

95 100

174 81.3 0.0 135.6

176 78.3 0.0 131.0

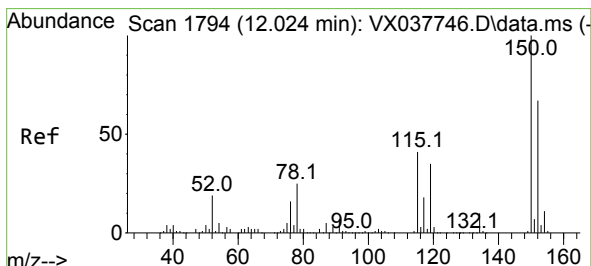
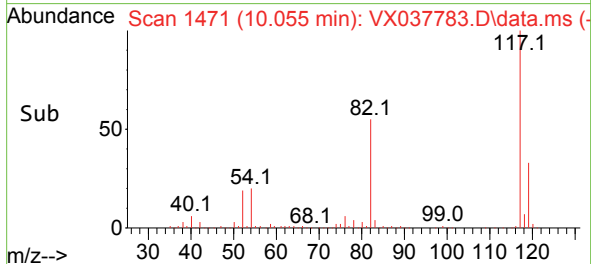
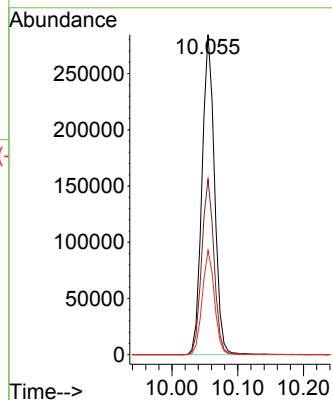
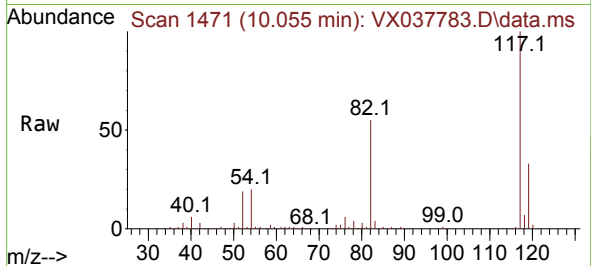




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037783.D
Acq: 18 Sep 2023 18:00

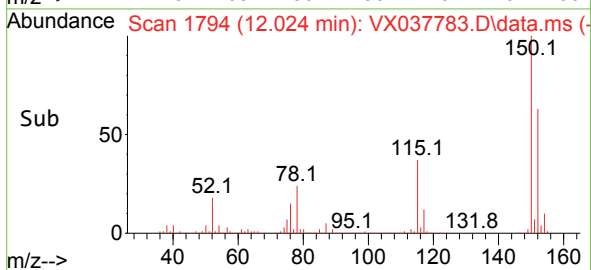
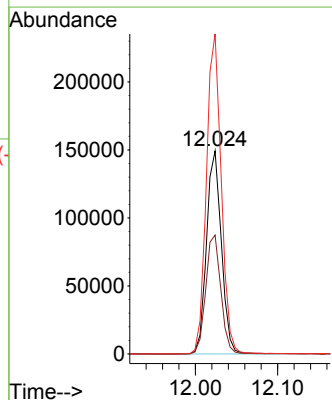
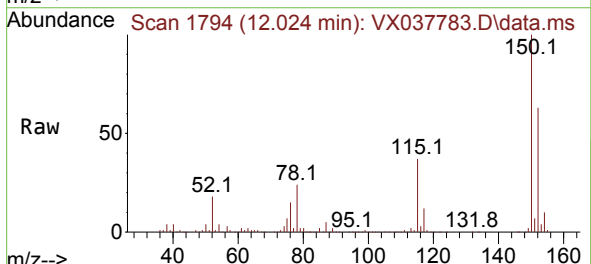
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

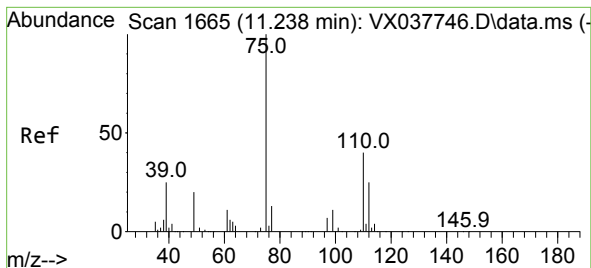
Tgt Ion:117 Resp: 377019
Ion Ratio Lower Upper
117 100
82 54.8 46.2 69.4
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037783.D
Acq: 18 Sep 2023 18:00

Tgt Ion:152 Resp: 187571
Ion Ratio Lower Upper
152 100
115 59.4 43.3 129.9
150 157.5 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 20.666 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037783.D

Acq: 18 Sep 2023 18:00

Instrument :

MSVOA_X

ClientSampleId :

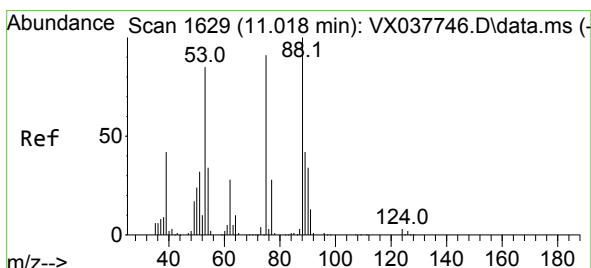
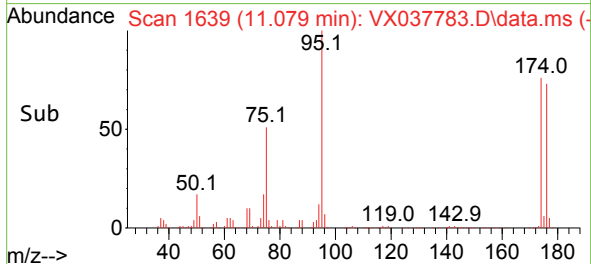
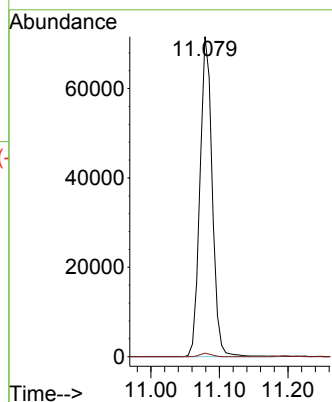
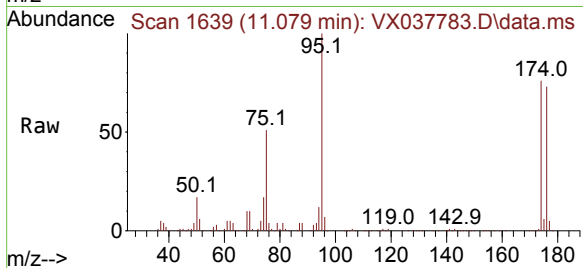
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 75 Resp: 89657

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 66.201 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037783.D

Acq: 18 Sep 2023 18:00

Tgt Ion: 75 Resp: 89657

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

