

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070723\
 Data File : VX036457.D
 Acq On : 07 Jul 2023 13:53
 Operator : JC/MD
 Sample : 03494-03RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Jul 07 23:05:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

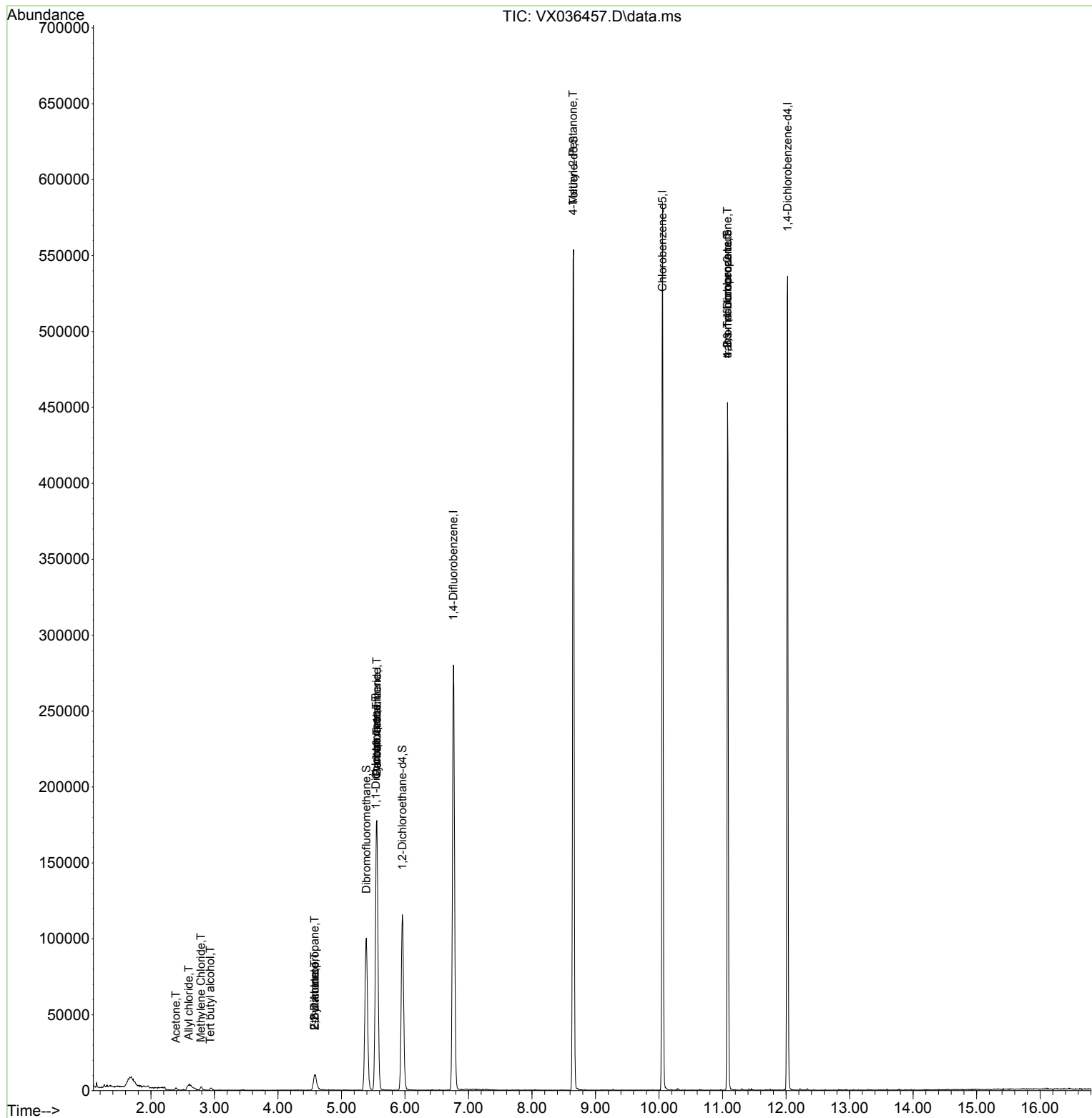
Internal Standards						
1) Pentafluorobenzene	5.556	168	167980	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	284008	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	255645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114874	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	109076	45.300	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	90.600%	
35) Dibromofluoromethane	5.391	113	88134	47.063	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	94.120%	
50) Toluene-d8	8.653	98	341596	48.838	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	97.680%	
62) 4-Bromofluorobenzene	11.079	95	119264	48.409	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	96.820%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.934	59	885	2.019	ug/l #	78
14) Allyl chloride	2.593	41	626	0.202	ug/l #	45
16) Acetone	2.392	43	1986	1.930	ug/l	98
20) Methylene Chloride	2.788	84	1111	0.501	ug/l #	78
25) 2-Butanone	4.574	43	745	0.504	ug/l #	51
26) 2,2-Dichloropropane	4.574	77	545	0.210	ug/l #	54
31) Cyclohexane	5.550	56	3912	1.268	ug/l #	19
36) 1,1-Dichloropropene	5.544	75	13870	4.969	ug/l #	50
37) Ethyl Acetate	4.574	43	745	0.262	ug/l #	6
38) Carbon Tetrachloride	5.556	117	17352	6.806	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1678	0.574	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	61393	25.055	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	61393	81.674	ug/l #	5

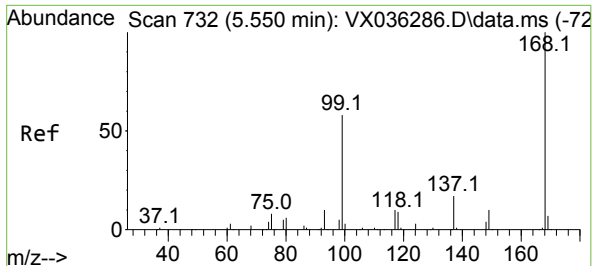
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070723\
Data File : VX036457.D
Acq On : 07 Jul 2023 13:53
Operator : JC/MD
Sample : 03494-03RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Jul 07 23:05:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 23 15:03:28 2023
Response via : Initial Calibration

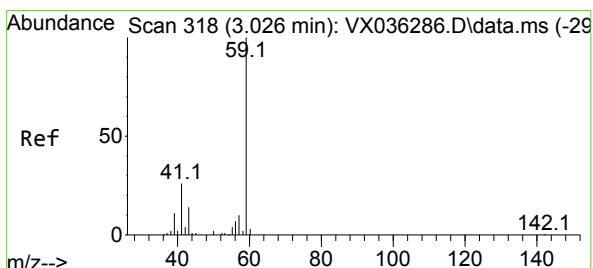
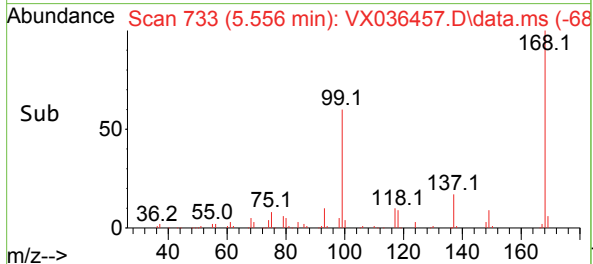
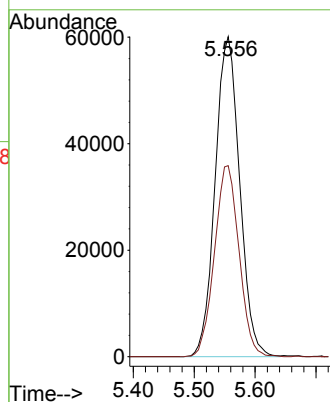
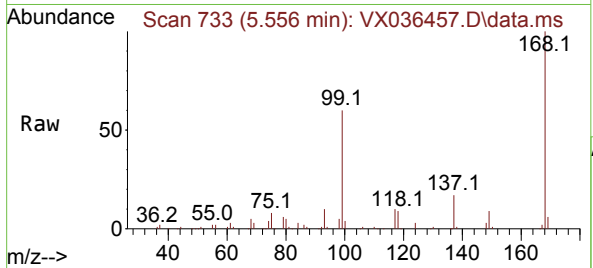




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036457.D
Acq: 07 Jul 2023 13:53

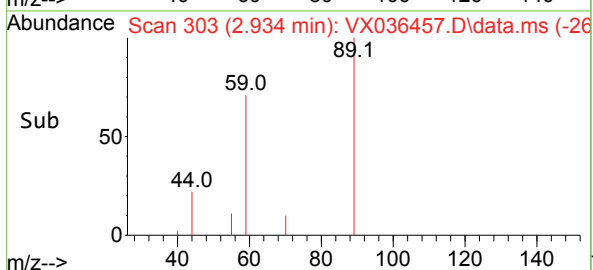
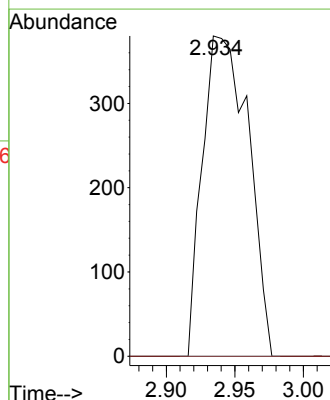
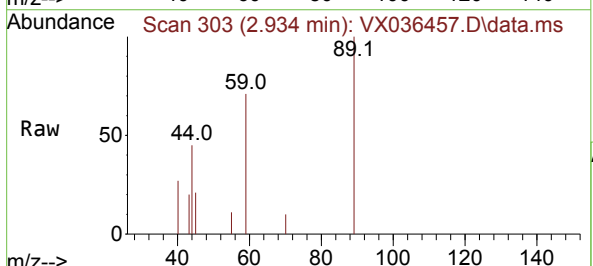
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

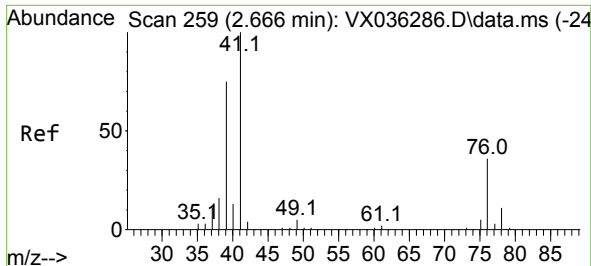
Tgt Ion:168 Resp: 167980
Ion Ratio Lower Upper
168 100
99 59.7 56.6 85.0



#11
Tert butyl alcohol
Concen: 2.019 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.079 min
Lab File: VX036457.D
Acq: 07 Jul 2023 13:53

Tgt Ion: 59 Resp: 885
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

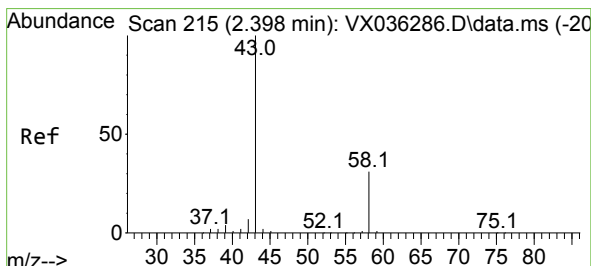
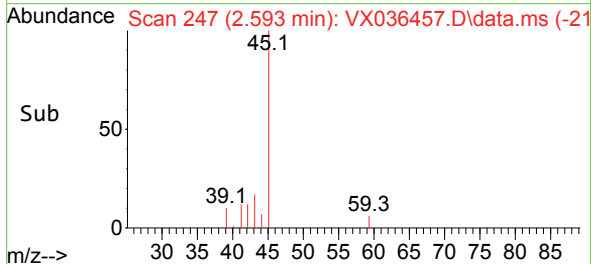
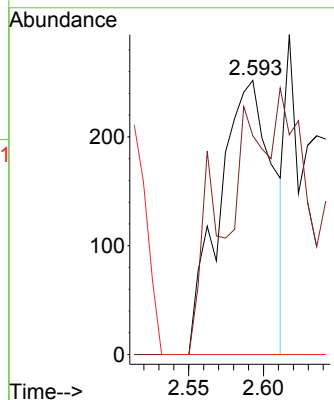
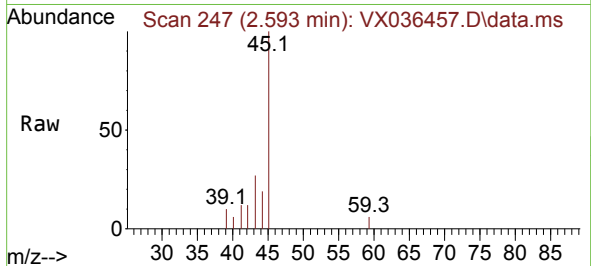




#14
 Allyl chloride
 Concen: 0.202 ug/l
 RT: 2.593 min Scan# 24
 Delta R.T. -0.073 min
 Lab File: VX036457.D
 Acq: 07 Jul 2023 13:53

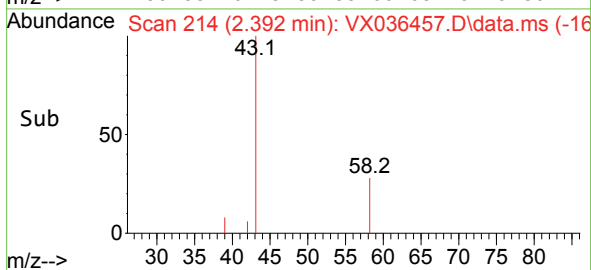
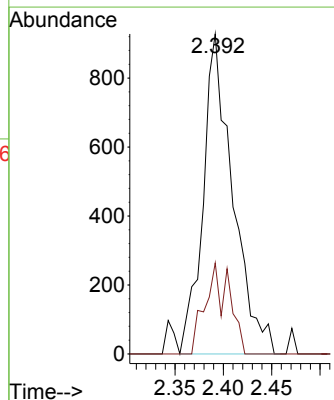
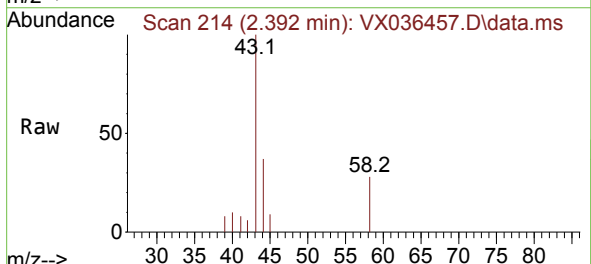
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

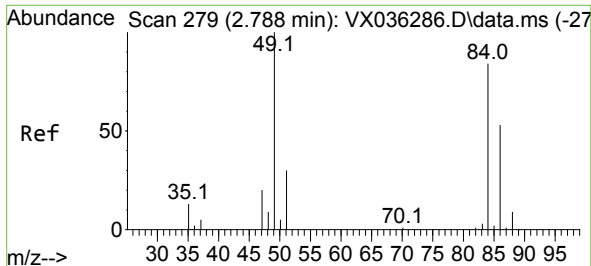
Tgt Ion: 41 Resp: 626
 Ion Ratio Lower Upper
 41 100
 39 24.6 55.8 83.6#
 76 0.0 24.3 36.5#



#16
 Acetone
 Concen: 1.930 ug/l
 RT: 2.392 min Scan# 214
 Delta R.T. -0.012 min
 Lab File: VX036457.D
 Acq: 07 Jul 2023 13:53

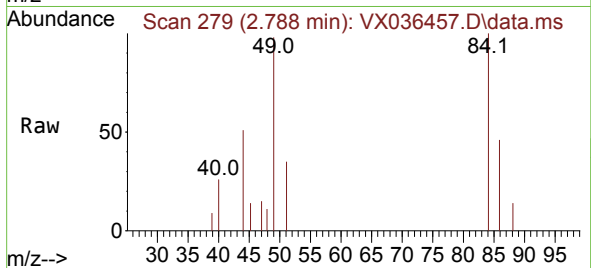
Tgt Ion: 43 Resp: 1986
 Ion Ratio Lower Upper
 43 100
 58 28.4 21.9 32.9



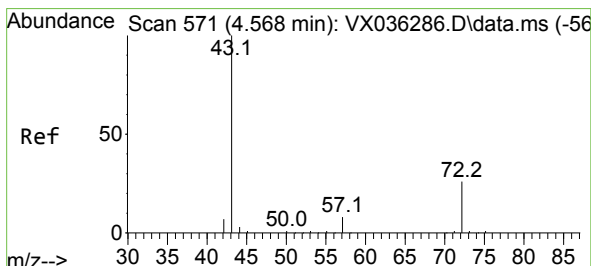
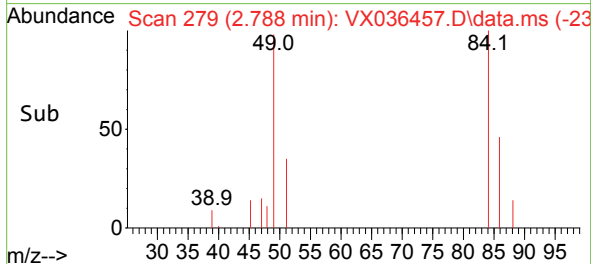
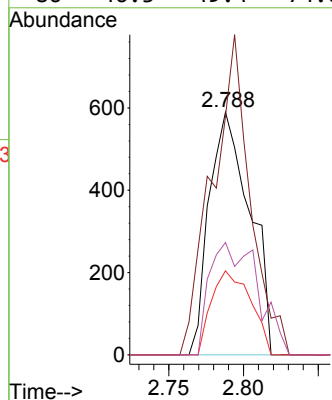


#20
Methylene Chloride
Concen: 0.501 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX036457.D
Acq: 07 Jul 2023 13:53

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

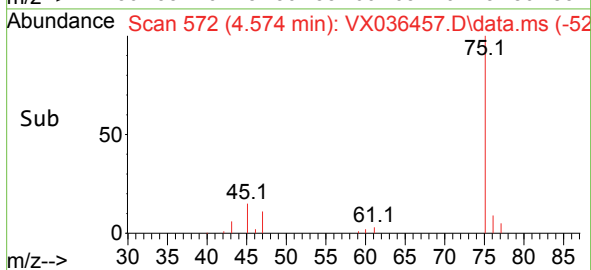
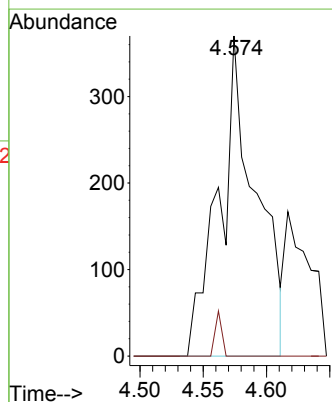
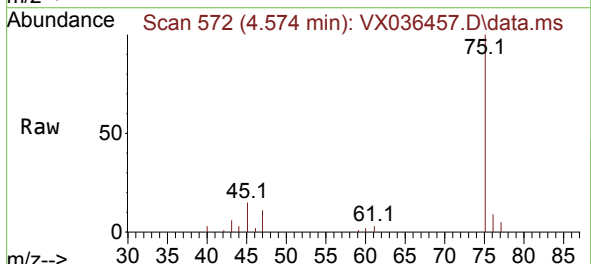


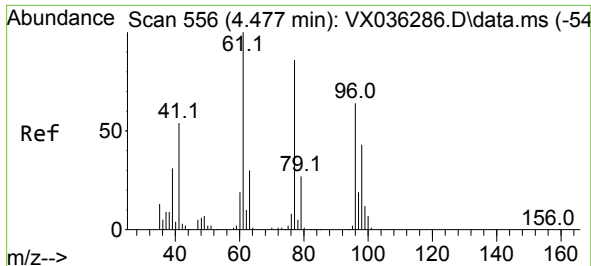
Tgt Ion: 84 Resp: 1111
Ion Ratio Lower Upper
84 100
49 98.1 103.6 155.4#
51 34.6 33.8 50.6
86 46.3 49.4 74.0#



#25
2-Butanone
Concen: 0.504 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX036457.D
Acq: 07 Jul 2023 13:53

Tgt Ion: 43 Resp: 745
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#





#26

2,2-Dichloropropane

Concen: 0.210 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.097 min

Lab File: VX036457.D

Acq: 07 Jul 2023 13:53

Instrument :

MSVOA_X

ClientSampleId :

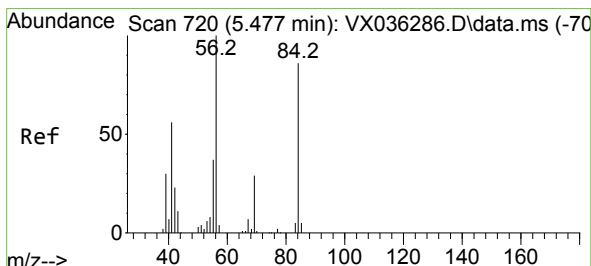
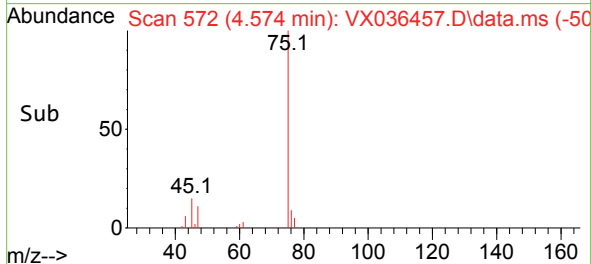
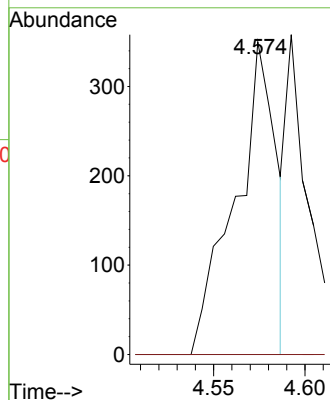
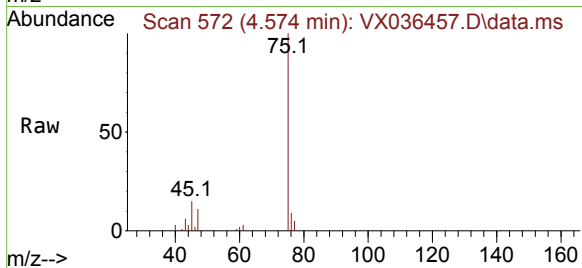
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 77 Resp: 545

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.3#



#31

Cyclohexane

Concen: 1.268 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.080 min

Lab File: VX036457.D

Acq: 07 Jul 2023 13:53

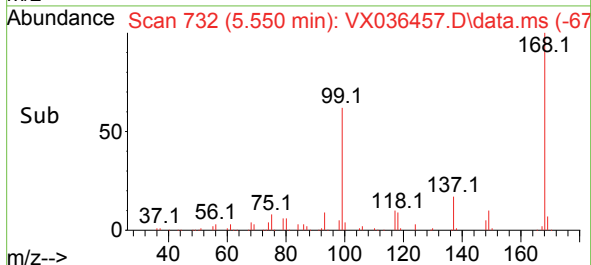
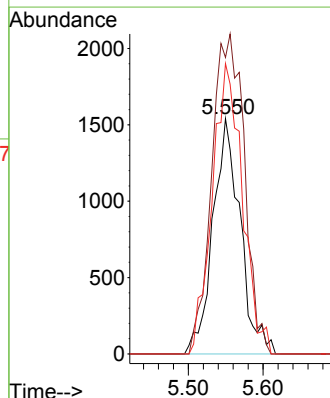
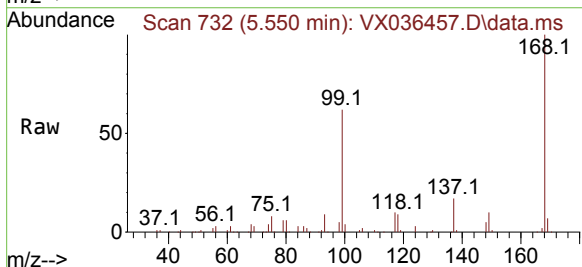
Tgt Ion: 56 Resp: 3912

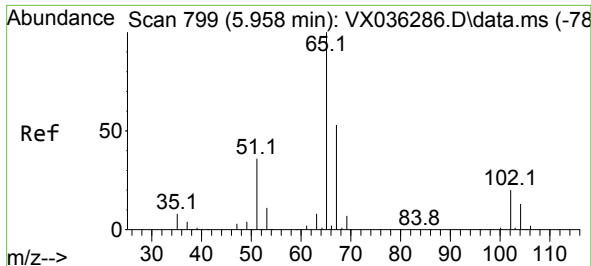
Ion Ratio Lower Upper

56 100

69 126.0 23.4 35.2#

84 123.4 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 45.300 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX036457.D

Acq: 07 Jul 2023 13:53

Instrument :

MSVOA_X

ClientSampleId :

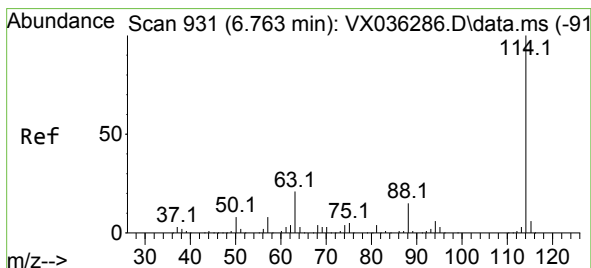
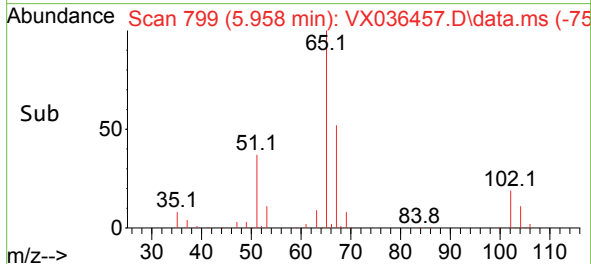
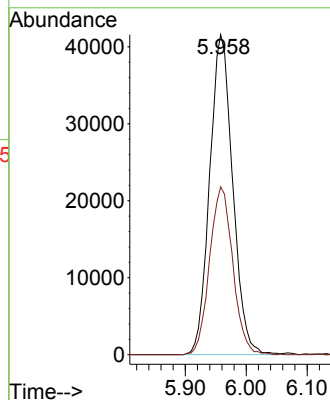
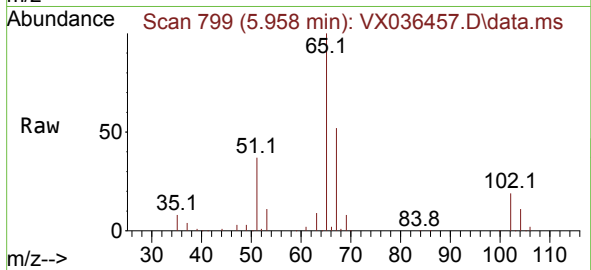
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 65 Resp: 109076

Ion Ratio Lower Upper

65 100

67 52.9 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX036457.D

Acq: 07 Jul 2023 13:53

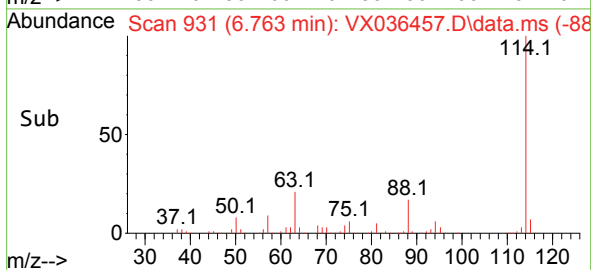
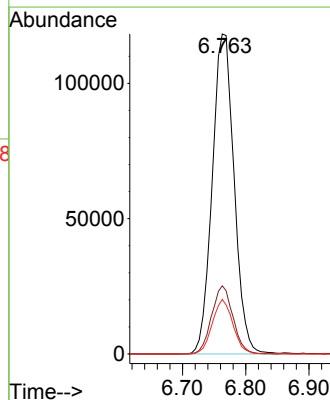
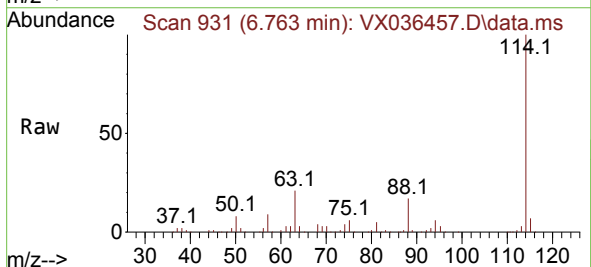
Tgt Ion: 114 Resp: 284008

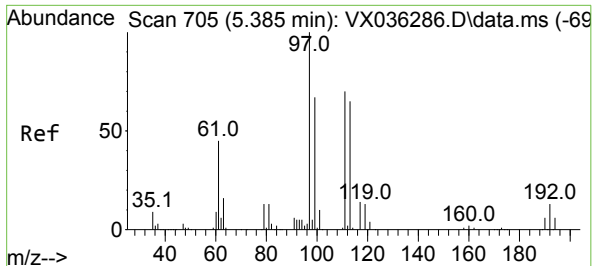
Ion Ratio Lower Upper

114 100

63 21.3 0.0 45.0

88 17.1 0.0 36.6

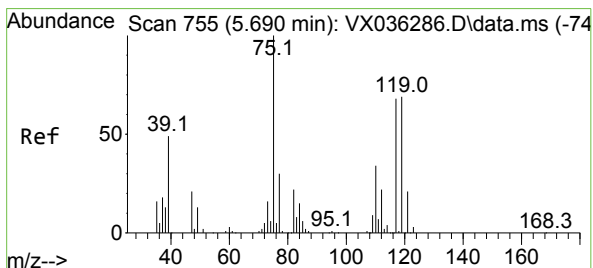
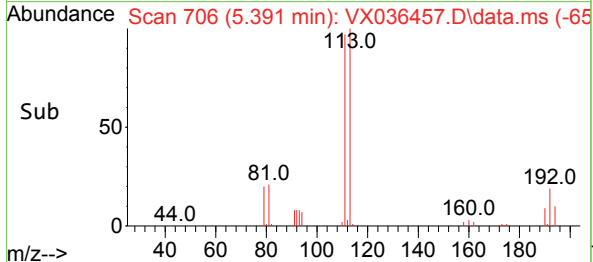
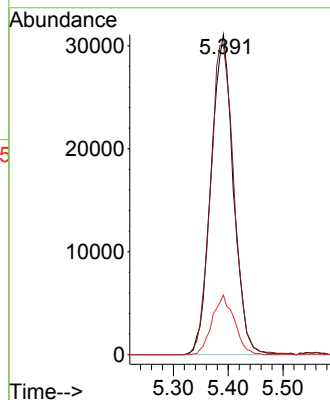
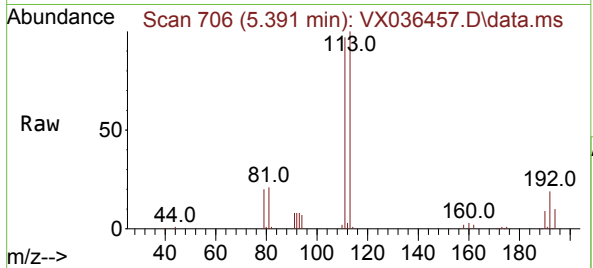




#35
Dibromofluoromethane
Concen: 47.063 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX036457.D
Acq: 07 Jul 2023 13:53

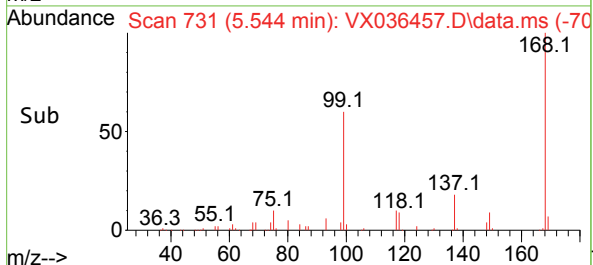
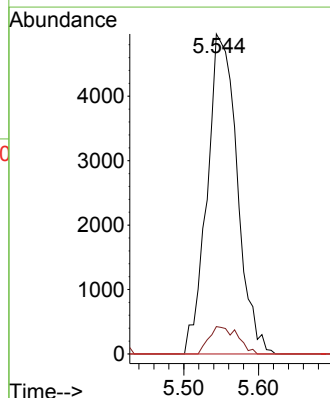
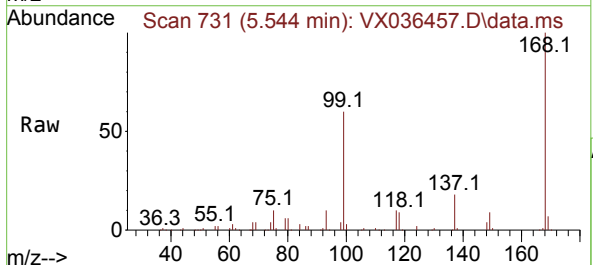
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

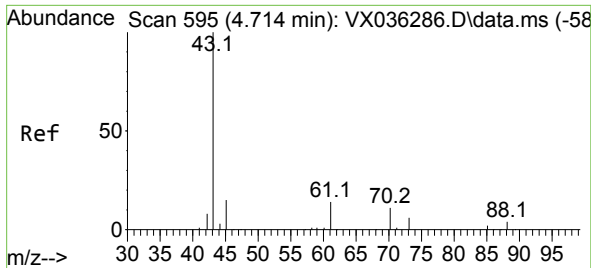
Tgt Ion:113 Resp: 88134
Ion Ratio Lower Upper
113 100
111 101.4 82.9 124.3
192 18.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.969 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.152 min
Lab File: VX036457.D
Acq: 07 Jul 2023 13:53

Tgt Ion: 75 Resp: 13870
Ion Ratio Lower Upper
75 100
110 8.1 17.0 50.9#
77 0.0 24.7 37.1#

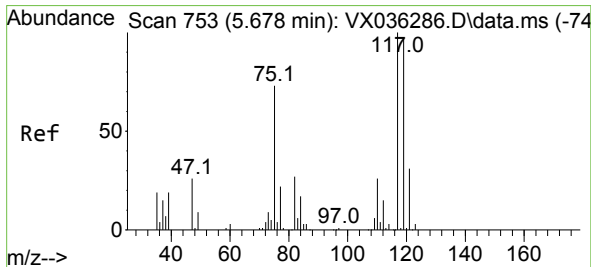
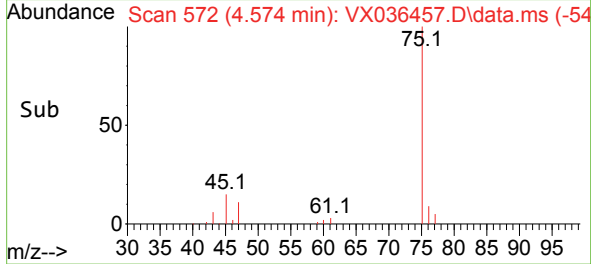
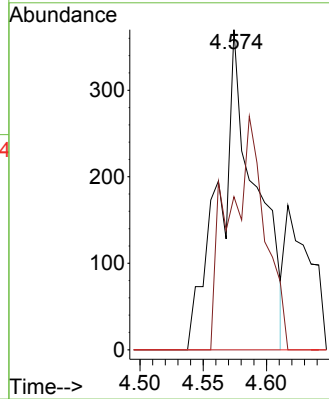
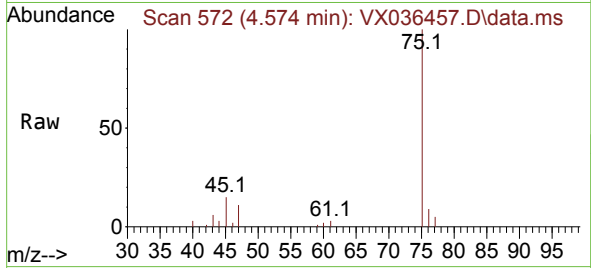




#37
Ethyl Acetate
Concen: 0.262 ug/l
RT: 4.574 min Scan# 51
Delta R.T. -0.140 min
Lab File: VX036457.D
Acq: 07 Jul 2023 13:53

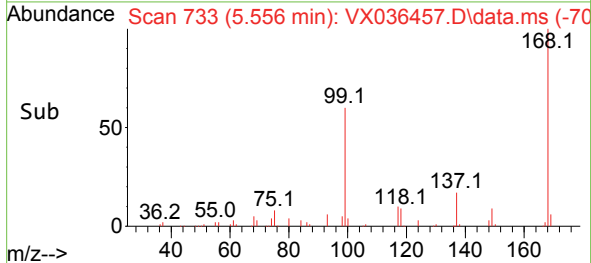
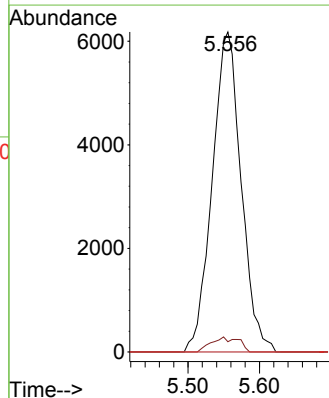
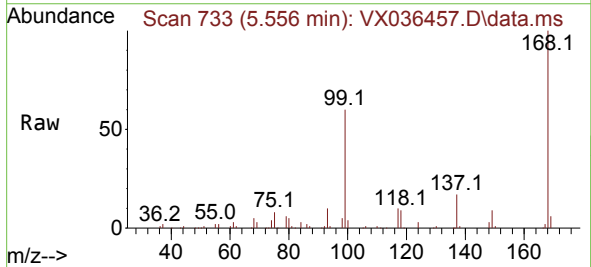
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

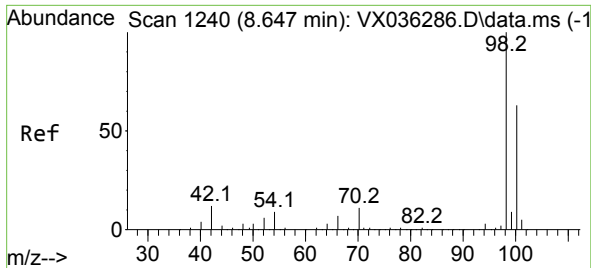
Tgt Ion: 43 Resp: 745
Ion Ratio Lower Upper
43 100
61 71.5 10.6 16.0#
70 0.0 8.3 12.5#



#38
Carbon Tetrachloride
Concen: 6.806 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX036457.D
Acq: 07 Jul 2023 13:53

Tgt Ion: 117 Resp: 17352
Ion Ratio Lower Upper
117 100
119 3.2 78.2 117.2#
121 0.0 24.4 36.6#

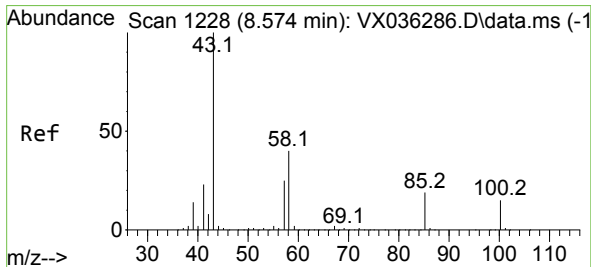
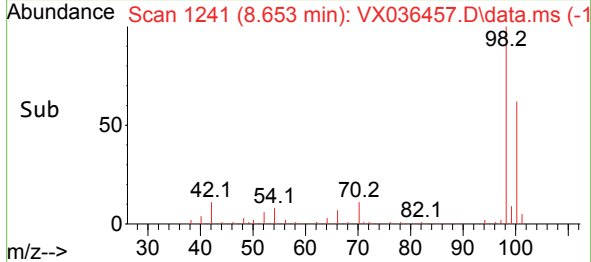
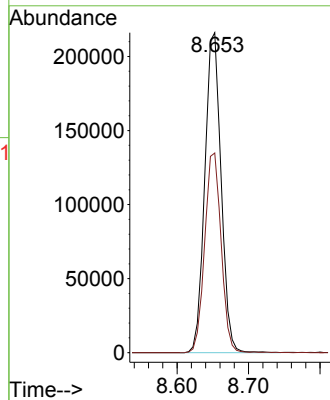
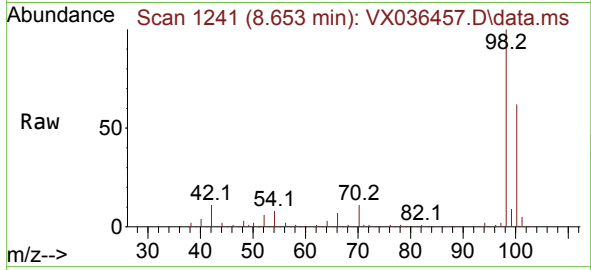




#50
Toluene-d8
Concen: 48.838 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX036457.D
Acq: 07 Jul 2023 13:53

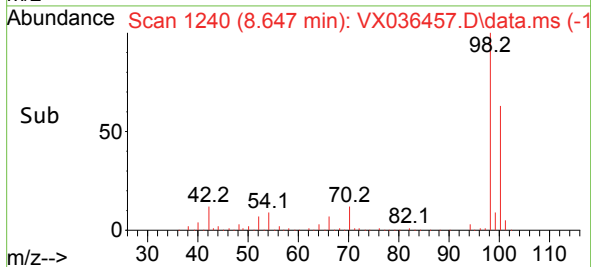
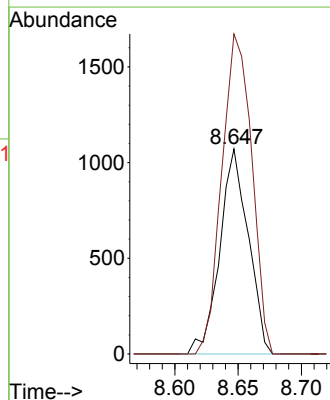
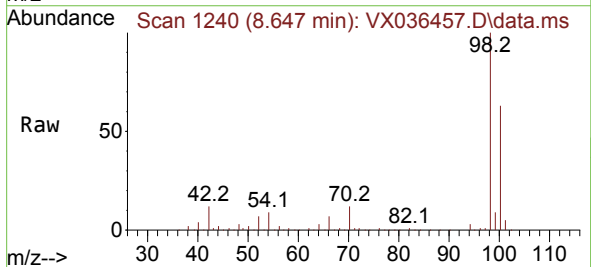
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

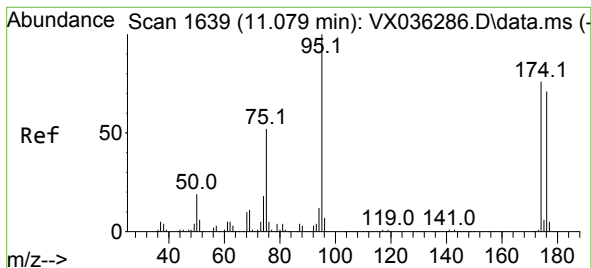
Tgt Ion: 98 Resp: 341596
Ion Ratio Lower Upper
98 100
100 63.0 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.574 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX036457.D
Acq: 07 Jul 2023 13:53

Tgt Ion: 43 Resp: 1678
Ion Ratio Lower Upper
43 100
58 164.4 30.4 45.6#

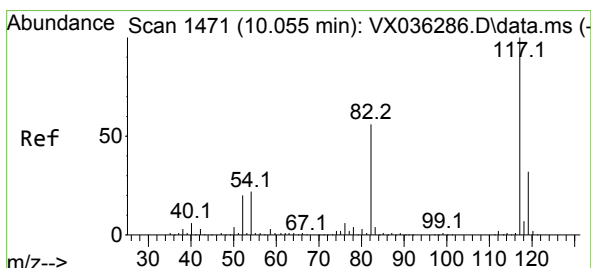
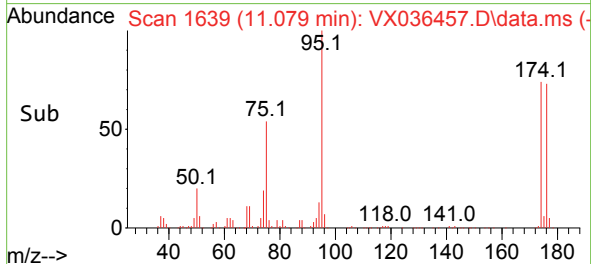
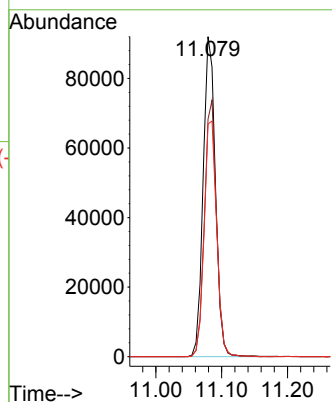
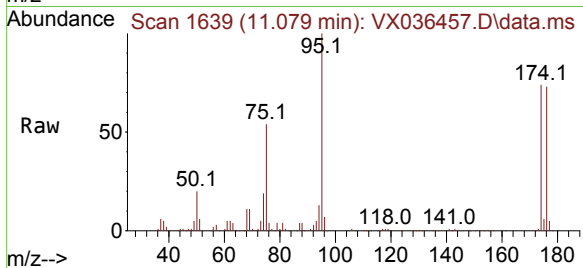




#62
4-Bromofluorobenzene
Concen: 48.409 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX036457.D
Acq: 07 Jul 2023 13:53

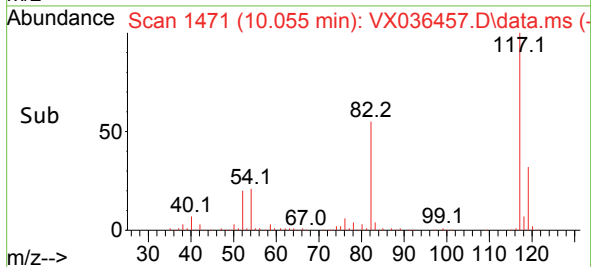
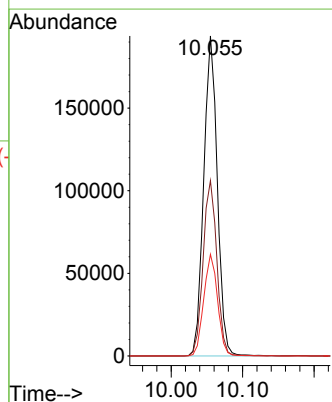
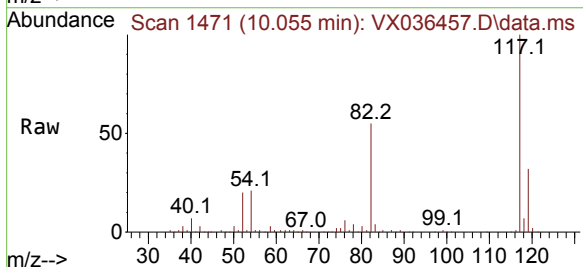
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

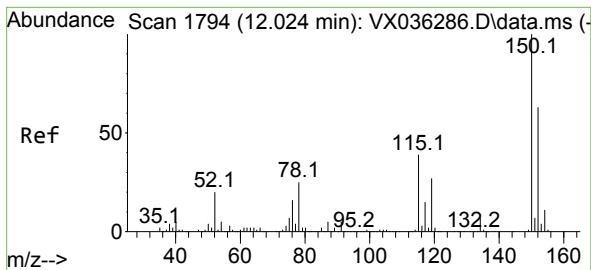
Tgt Ion: 95 Resp: 119264
Ion Ratio Lower Upper
95 100
174 78.8 0.0 135.6
176 75.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036457.D
Acq: 07 Jul 2023 13:53

Tgt Ion: 117 Resp: 255645
Ion Ratio Lower Upper
117 100
82 54.8 46.2 69.4
119 31.7 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036457.D

Acq: 07 Jul 2023 13:53

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

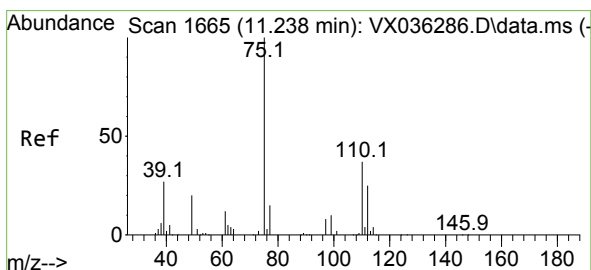
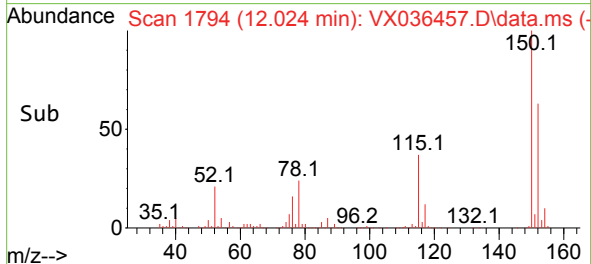
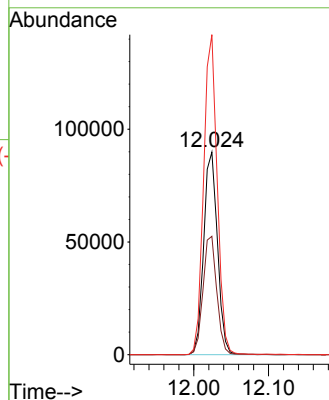
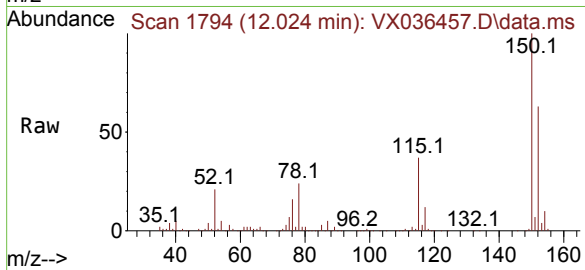
Tgt Ion:152 Resp: 114874

Ion Ratio Lower Upper

152 100

115 58.8 43.3 129.9

150 155.5 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 25.055 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX036457.D

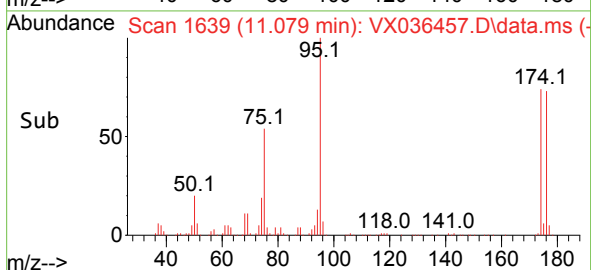
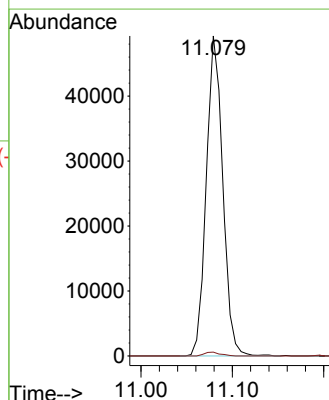
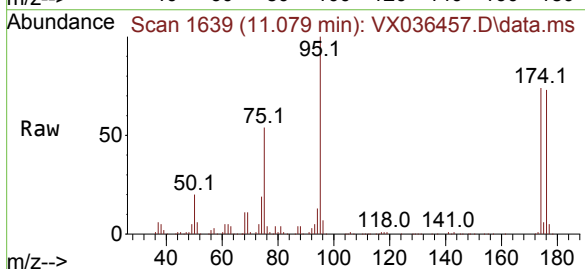
Acq: 07 Jul 2023 13:53

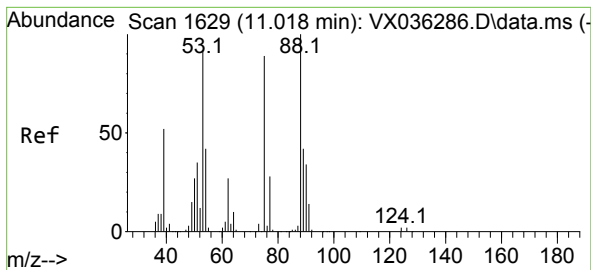
Tgt Ion: 75 Resp: 61393

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.674 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX036457.D
 Acq: 07 Jul 2023 13:53

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

Tgt Ion: 75 Resp: 61393
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.2 36.9 55.3#

