

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042823\
 Data File : VX035399.D
 Acq On : 28 Apr 2023 18:25
 Operator : JC/MD
 Sample : 02473-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Apr 29 00:42:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

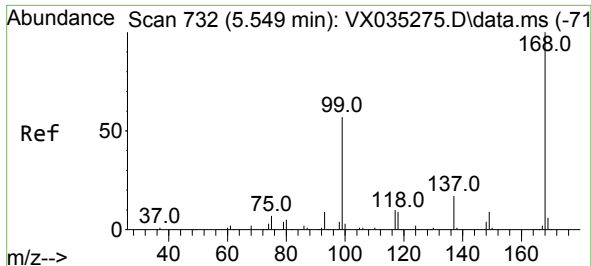
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.549	168	239162	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	395643	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	360503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	169981	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	141995	49.212	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.420%
35) Dibromofluoromethane	5.385	113	120737	49.720	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.440%
50) Toluene-d8	8.646	98	460523	50.273	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.540%
62) 4-Bromofluorobenzene	11.079	95	177152	51.408	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.820%
Target Compounds						
					Qvalue	
16) Acetone	2.404	43	1233	0.984	ug/l #	82
20) Methylene Chloride	2.794	84	588	0.205	ug/l #	78
31) Cyclohexane	5.549	56	4258	1.040	ug/l #	1
36) 1,1-Dichloropropene	5.555	75	17127	4.517	ug/l #	51
38) Carbon Tetrachloride	5.549	117	22965	6.380	ug/l #	17
51) 4-Methyl-2-Pentanone	8.646	43	1766	0.494	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	85481	25.210	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	85481	81.651	ug/l #	8

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

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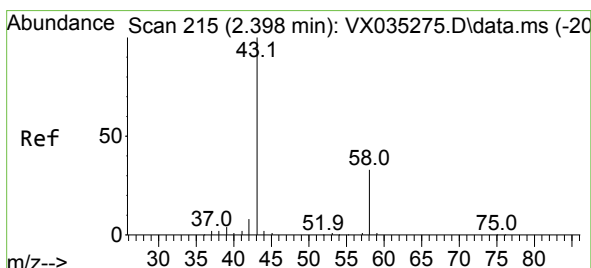
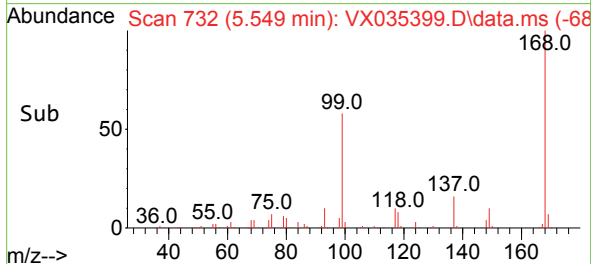
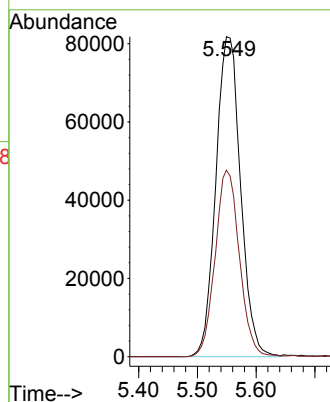
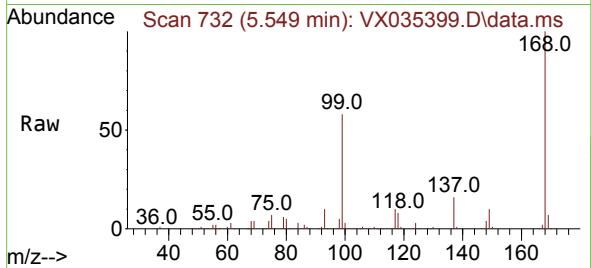




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX035399.D
Acq: 28 Apr 2023 18:25

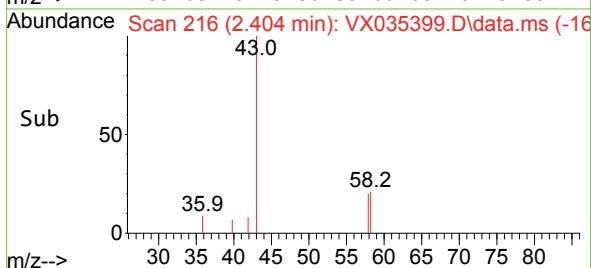
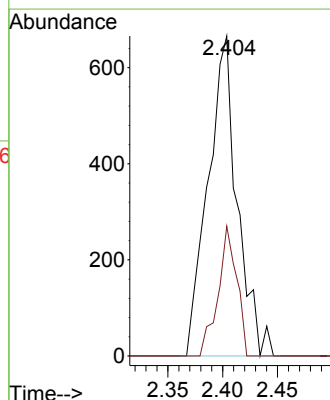
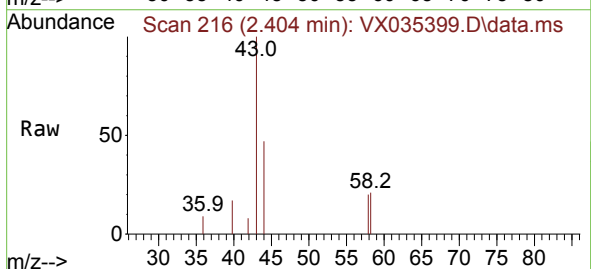
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

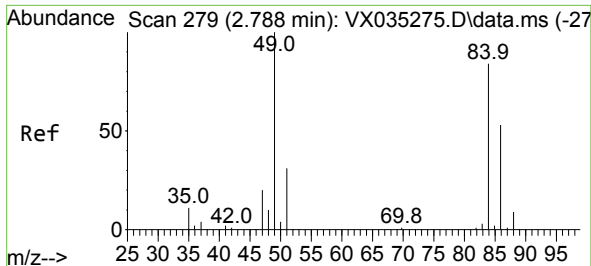
Tgt Ion:168 Resp: 239162
Ion Ratio Lower Upper
168 100
99 58.3 45.7 68.5



#16
Acetone
Concen: 0.984 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX035399.D
Acq: 28 Apr 2023 18:25

Tgt Ion: 43 Resp: 1233
Ion Ratio Lower Upper
43 100
58 40.5 24.7 37.1#

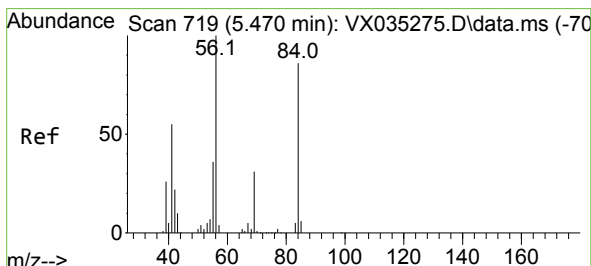
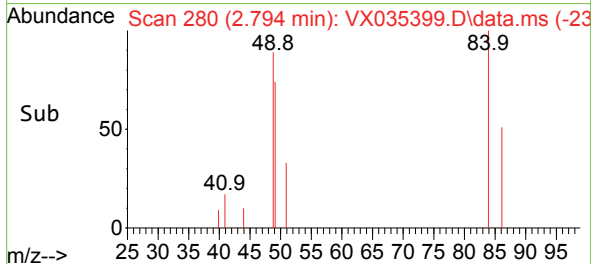
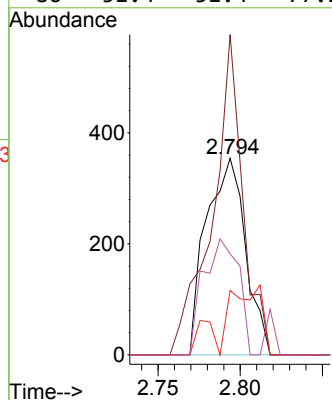
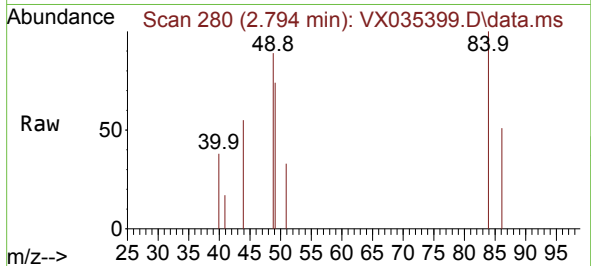




#20
Methylene Chloride
Concen: 0.205 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX035399.D
Acq: 28 Apr 2023 18:25

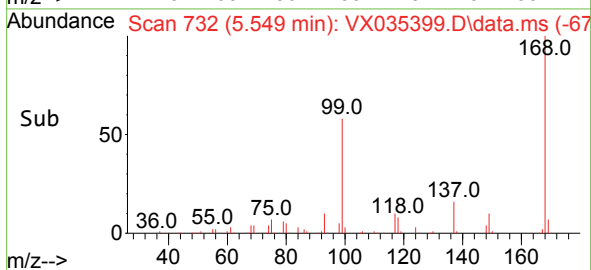
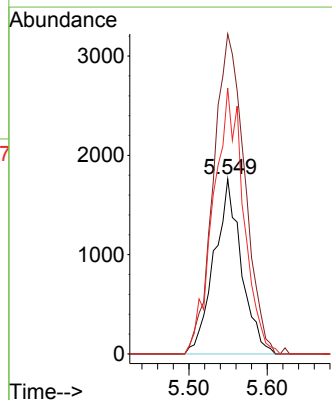
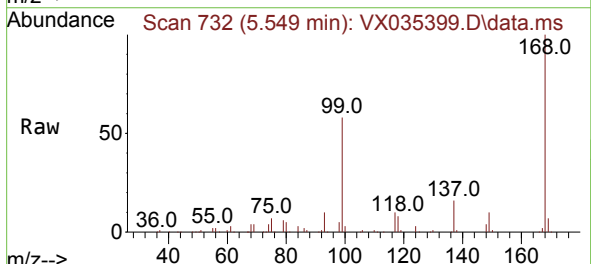
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

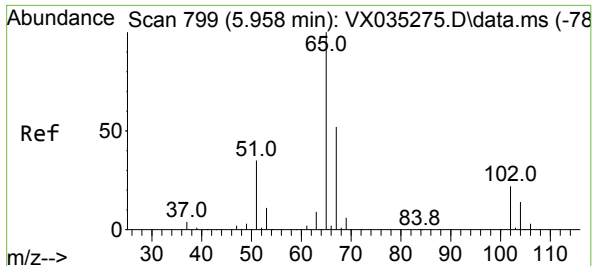
Tgt Ion: 84	Resp: 588
Ion Ratio	Lower Upper
84	100
49	163.0 103.8 155.8#
51	32.8 31.8 47.8
86	51.4 51.4 77.2#



#31
Cyclohexane
Concen: 1.040 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX035399.D
Acq: 28 Apr 2023 18:25

Tgt Ion: 56	Resp: 4258
Ion Ratio	Lower Upper
56	100
69	182.8 23.7 35.5#
84	151.9 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 49.212 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX035399.D

Acq: 28 Apr 2023 18:25

Instrument :

MSVOA_X

ClientSampleId :

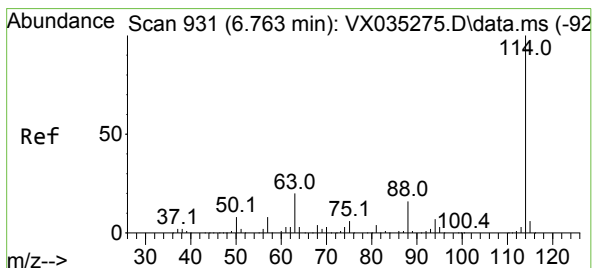
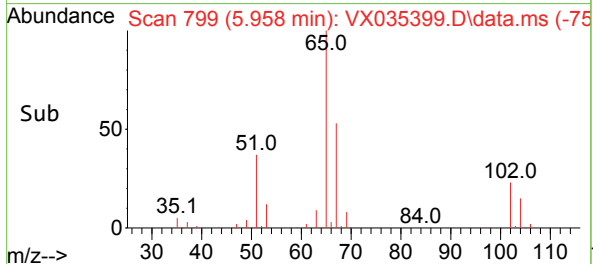
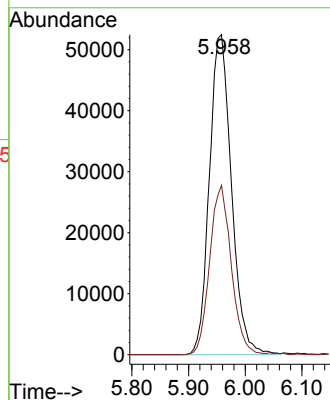
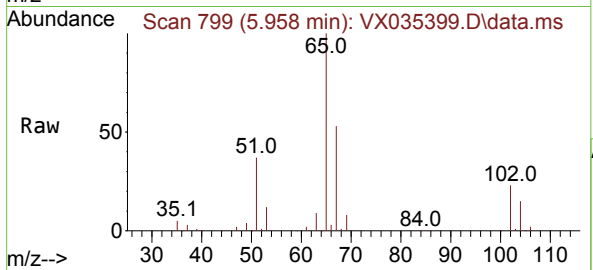
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 65 Resp: 141995

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX035399.D

Acq: 28 Apr 2023 18:25

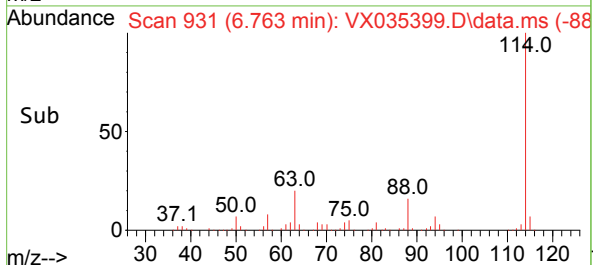
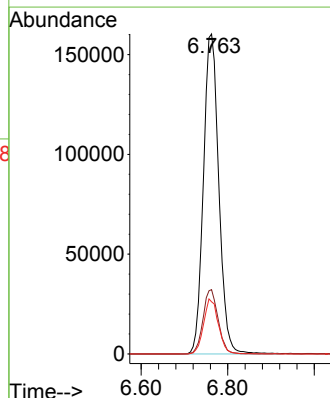
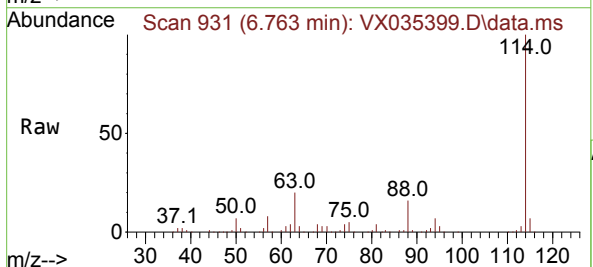
Tgt Ion: 114 Resp: 395643

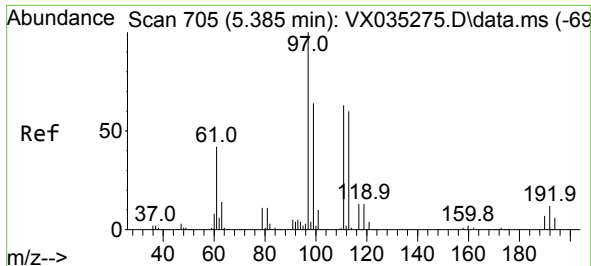
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.2

88 16.3 0.0 33.2

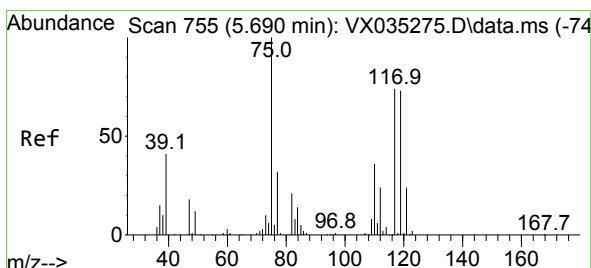
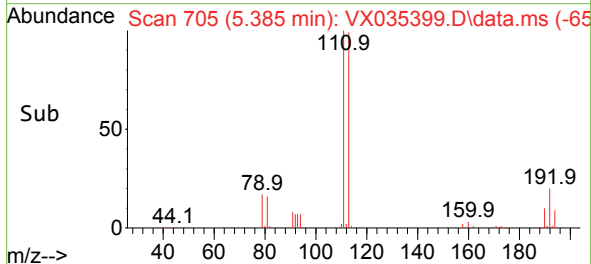
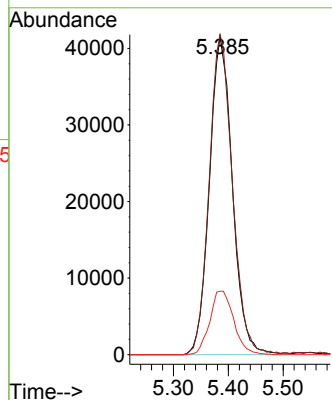
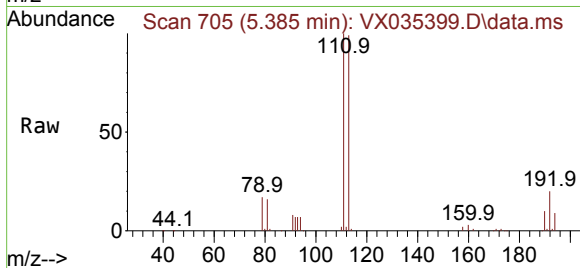




#35
Dibromofluoromethane
Concen: 49.720 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035399.D
Acq: 28 Apr 2023 18:25

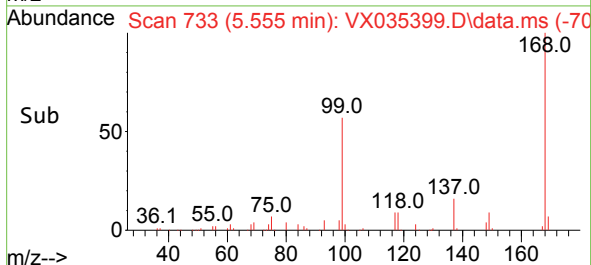
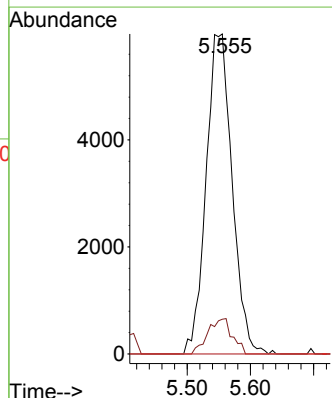
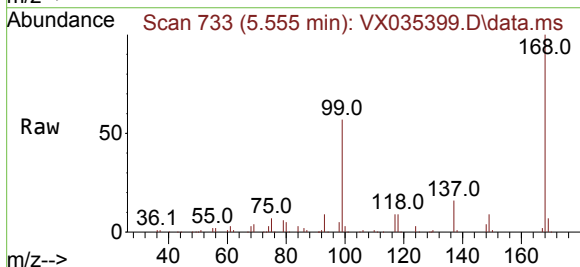
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

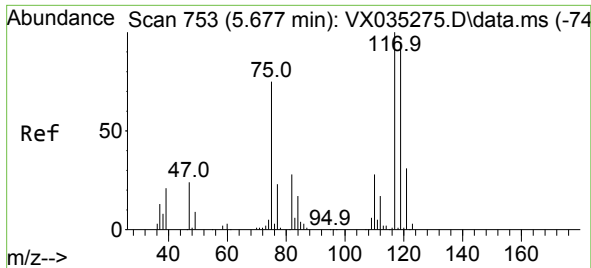
Tgt Ion:113 Resp: 120737
Ion Ratio Lower Upper
113 100
111 101.8 83.7 125.5
192 20.9 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.517 ug/l
RT: 5.555 min Scan# 733
Delta R.T. -0.135 min
Lab File: VX035399.D
Acq: 28 Apr 2023 18:25

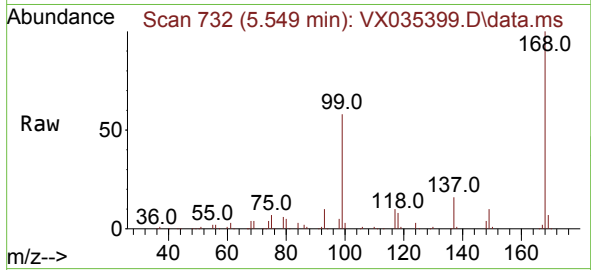
Tgt Ion: 75 Resp: 17127
Ion Ratio Lower Upper
75 100
110 10.4 17.5 52.5#
77 0.0 24.3 36.5#



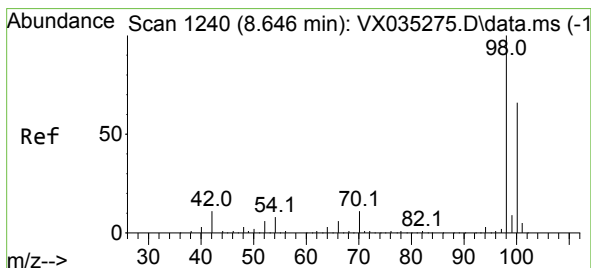
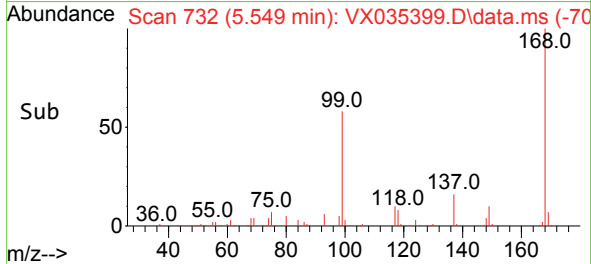
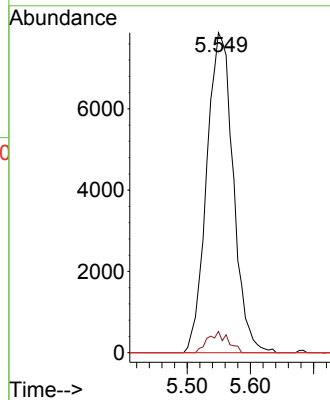


#38
Carbon Tetrachloride
Concen: 6.380 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX035399.D
Acq: 28 Apr 2023 18:25

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

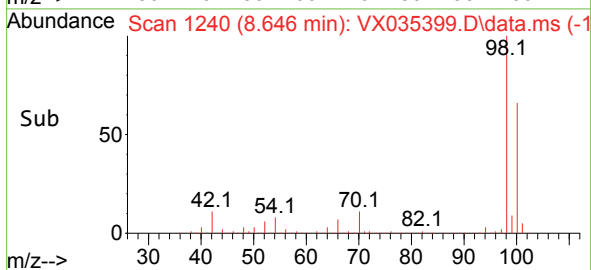
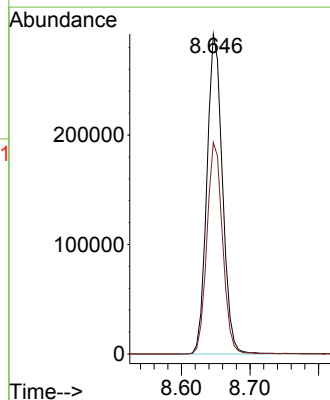
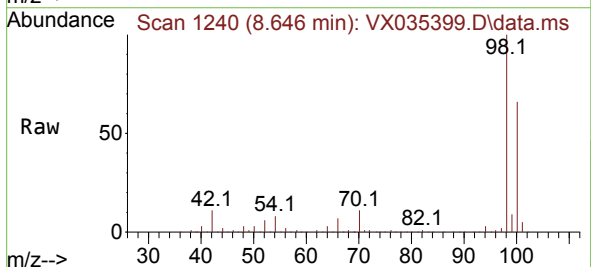


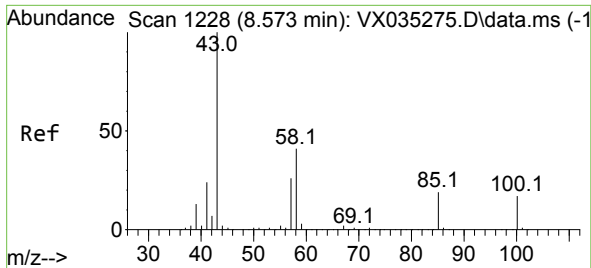
Tgt Ion:117 Resp: 22965
Ion Ratio Lower Upper
117 100
119 6.6 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 50.273 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX035399.D
Acq: 28 Apr 2023 18:25

Tgt Ion: 98 Resp: 460523
Ion Ratio Lower Upper
98 100
100 66.4 52.5 78.7

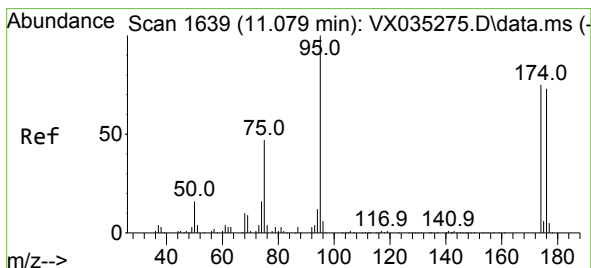
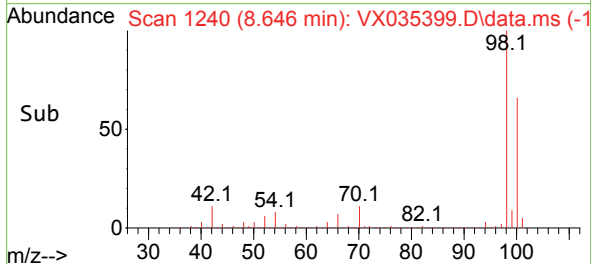
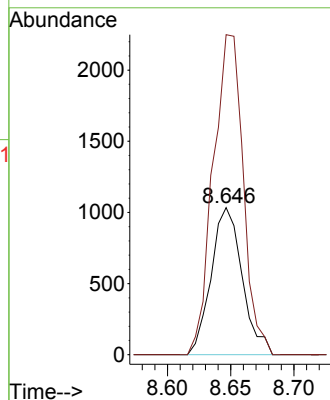
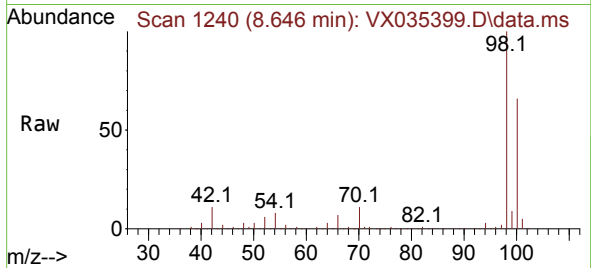




#51
4-Methyl-2-Pentanone
Concen: 0.494 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX035399.D
Acq: 28 Apr 2023 18:25

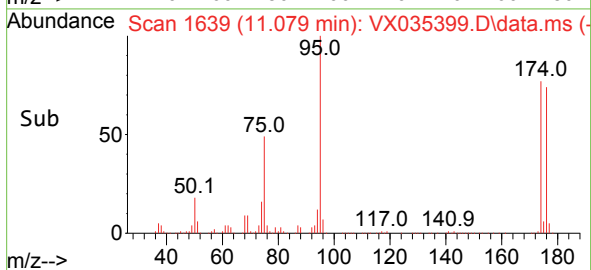
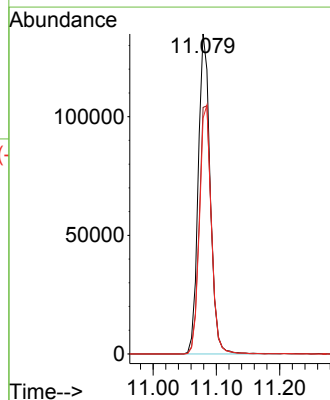
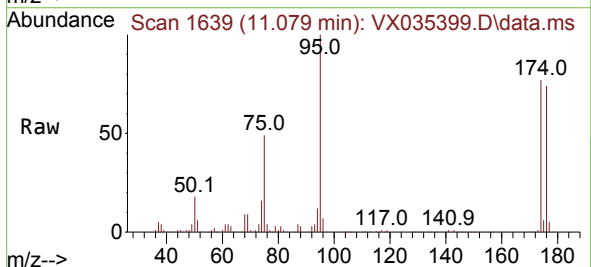
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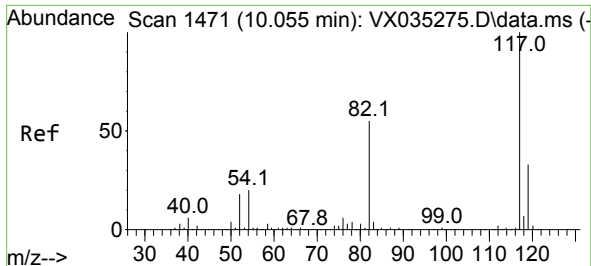
Tgt Ion: 43 Resp: 1766
Ion Ratio Lower Upper
43 100
58 210.9 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 51.408 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035399.D
Acq: 28 Apr 2023 18:25

Tgt Ion: 95 Resp: 177152
Ion Ratio Lower Upper
95 100
174 79.7 0.0 147.4
176 77.3 0.0 140.6

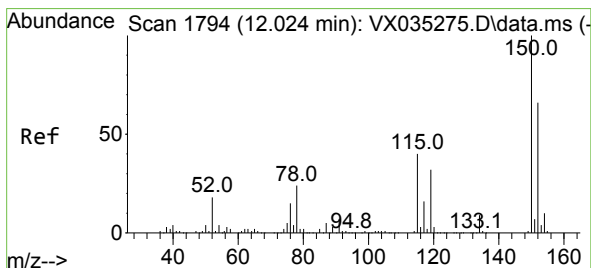
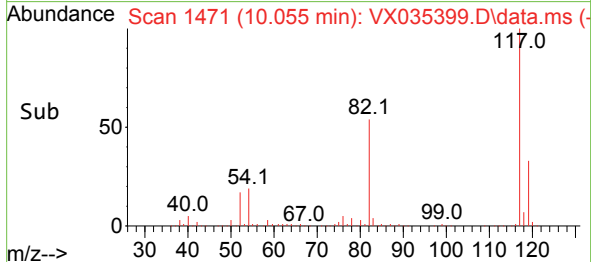
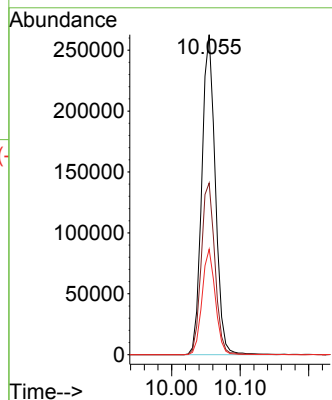
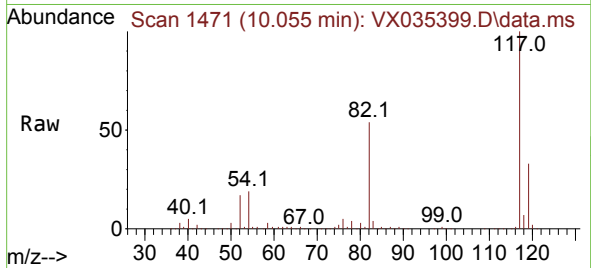




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035399.D
Acq: 28 Apr 2023 18:25

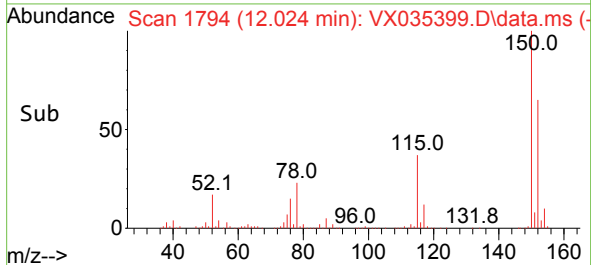
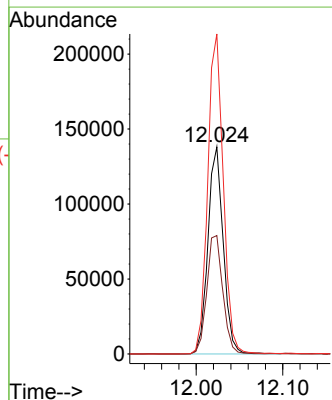
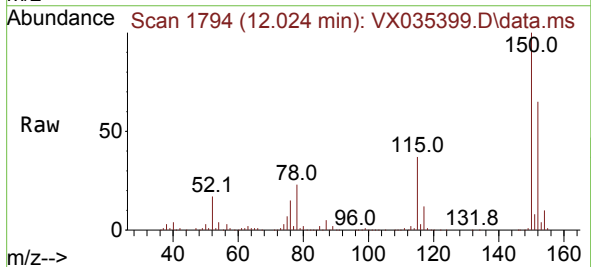
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

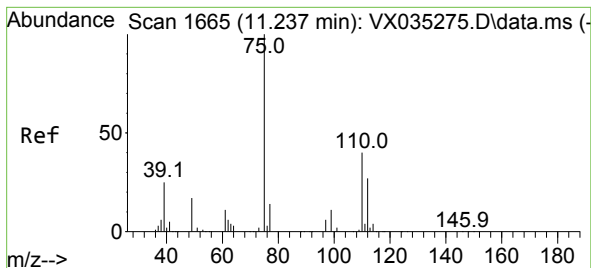
Tgt Ion:117 Resp: 360503
Ion Ratio Lower Upper
117 100
82 53.6 45.0 67.4
119 32.9 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX035399.D
Acq: 28 Apr 2023 18:25

Tgt Ion:152 Resp: 169981
Ion Ratio Lower Upper
152 100
115 60.0 45.0 135.0
150 156.4 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 25.210 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX035399.D

Acq: 28 Apr 2023 18:25

Instrument :

MSVOA_X

ClientSampleId :

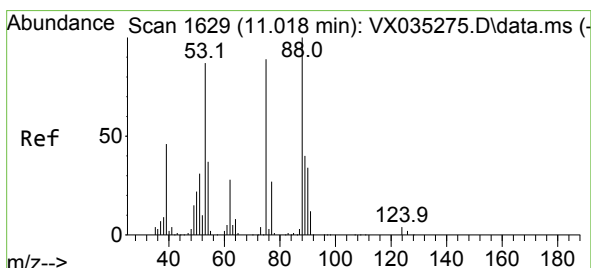
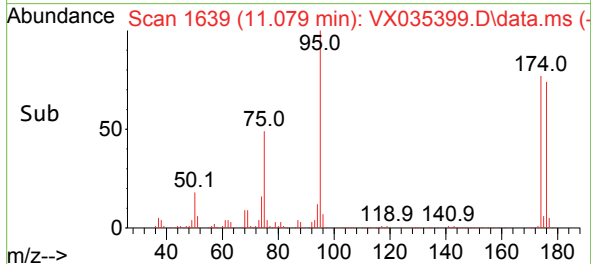
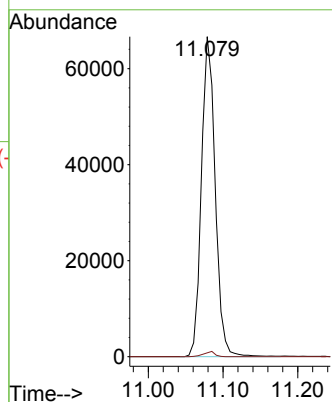
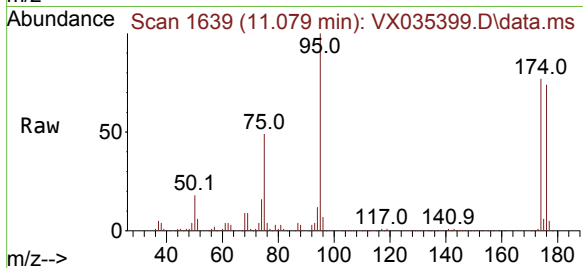
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 75 Resp: 85481

Ion Ratio Lower Upper

75 100

77 1.3 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 81.651 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX035399.D

Acq: 28 Apr 2023 18:25

Tgt Ion: 75 Resp: 85481

Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#

