

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090523\
 Data File : VX037514.D
 Acq On : 05 Sep 2023 15:58
 Operator : JC/MD
 Sample : 04276-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Sep 06 02:56:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	120847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	198496	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	171819	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68703	50.000	ug/l	0.00

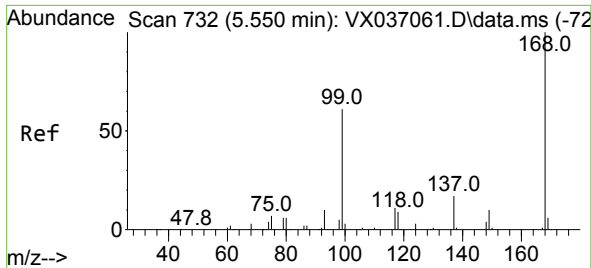
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71886	41.261	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	82.520%
35) Dibromofluoromethane	5.391	113	61763	46.983	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.960%
50) Toluene-d8	8.653	98	230154	48.265	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.540%
62) 4-Bromofluorobenzene	11.079	95	76700	40.929	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	81.860%#

Target Compounds			Qvalue			
3) Chloromethane	1.307	50	428	0.349	ug/l #	85
16) Acetone	2.386	43	1213	1.780	ug/l	97
20) Methylene Chloride	2.794	84	1010	0.663	ug/l #	74
31) Cyclohexane	5.556	56	2156	1.101	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	8874	4.751	ug/l #	51
38) Carbon Tetrachloride	5.556	117	12545	6.183	ug/l #	16
44) Trichloroethene	7.135	130	329	0.217	ug/l	78
51) 4-Methyl-2-Pentanone	8.647	43	817	0.444	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	37243	25.454	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	37243	71.094	ug/l #	5

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

Quant Time: Sep 06 02:56:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration

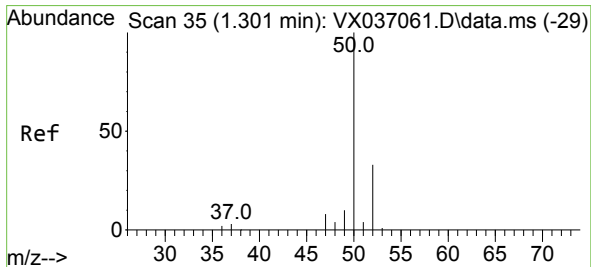
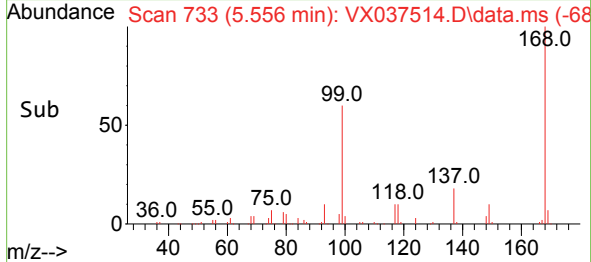
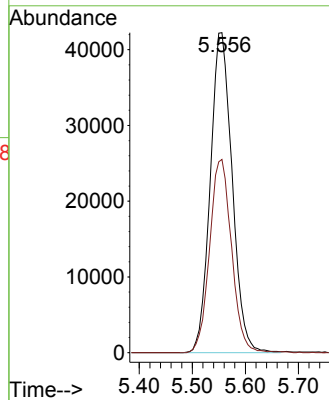
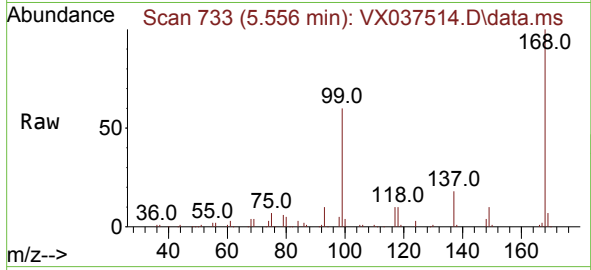




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037514.D
Acq: 05 Sep 2023 15:58

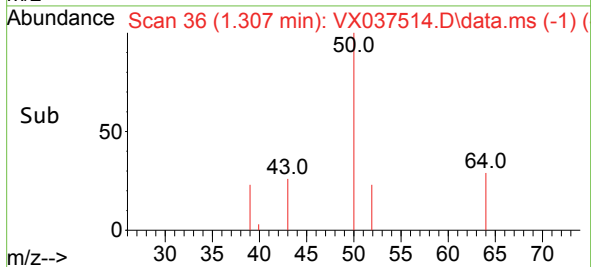
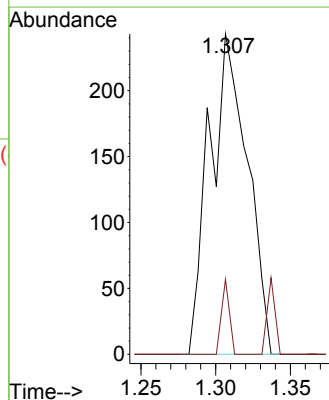
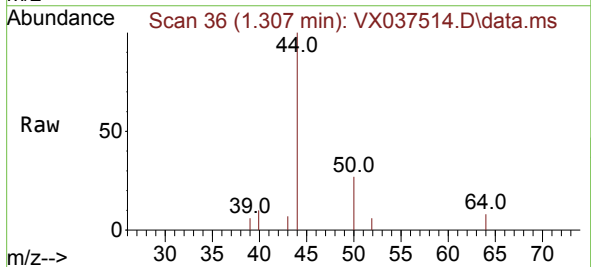
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion:168 Resp: 120847
Ion Ratio Lower Upper
168 100
99 60.4 56.6 85.0



#3
Chloromethane
Concen: 0.349 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX037514.D
Acq: 05 Sep 2023 15:58

Tgt Ion: 50 Resp: 428
Ion Ratio Lower Upper
50 100
52 23.5 25.5 38.3#

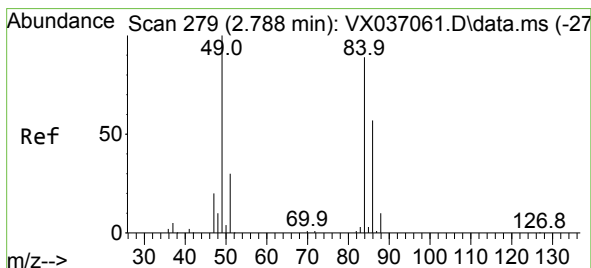
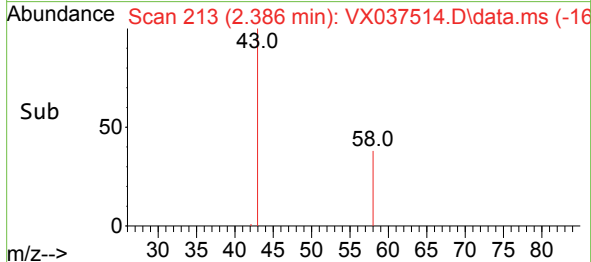
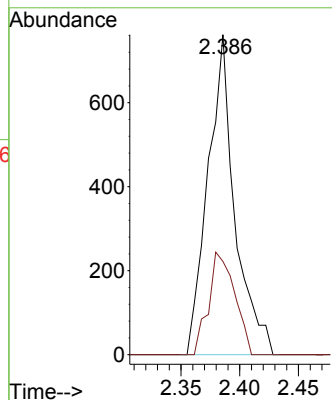
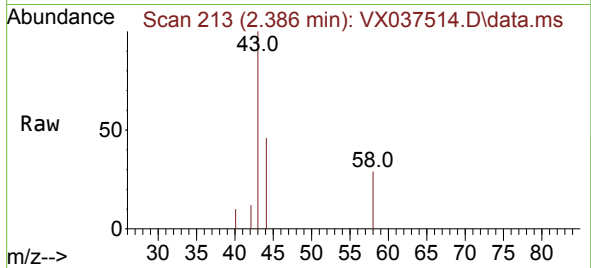




#16
Acetone
Concen: 1.780 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX037514.D
Acq: 05 Sep 2023 15:58

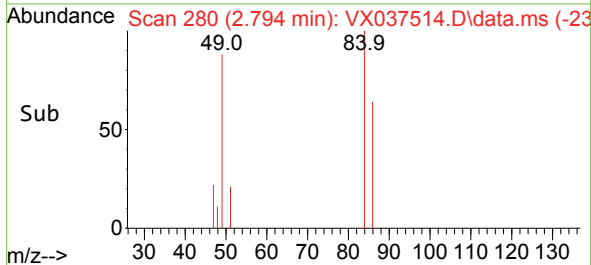
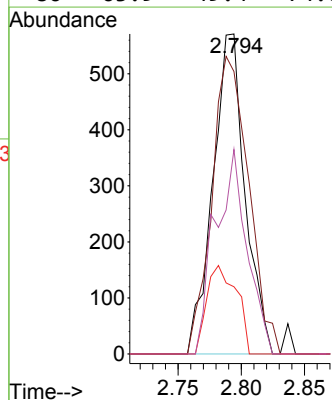
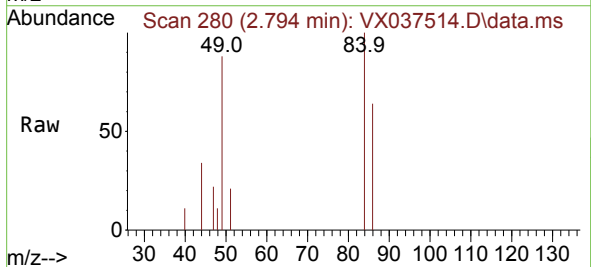
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ClientSampleId : STORAGE-BLANK-WATER-REF-5

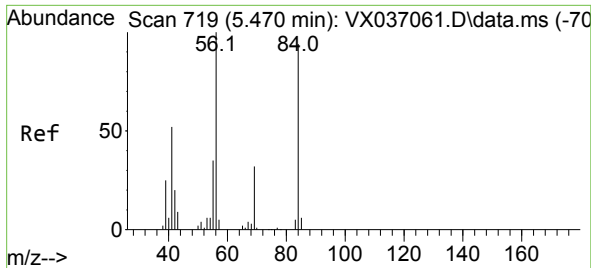
Tgt Ion: 43 Resp: 1213
Ion Ratio Lower Upper
43 100
58 29.1 21.9 32.9



#20
Methylene Chloride
Concen: 0.663 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX037514.D
Acq: 05 Sep 2023 15:58

Tgt Ion: 84 Resp: 1010
Ion Ratio Lower Upper
84 100
49 88.3 103.6 155.4#
51 21.0 33.8 50.6#
86 63.9 49.4 74.0

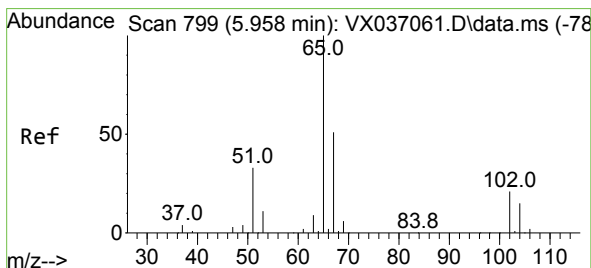
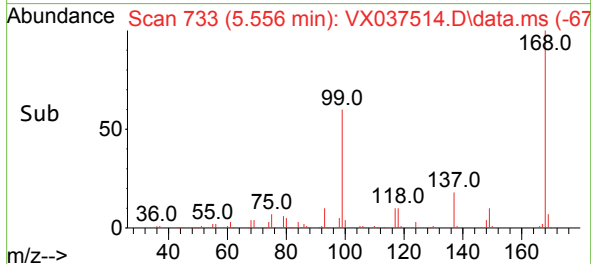
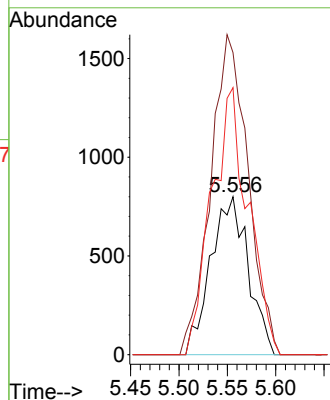
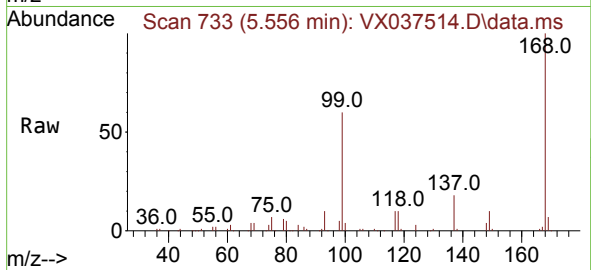




#31
Cyclohexane
Concen: 1.101 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX037514.D
Acq: 05 Sep 2023 15:58

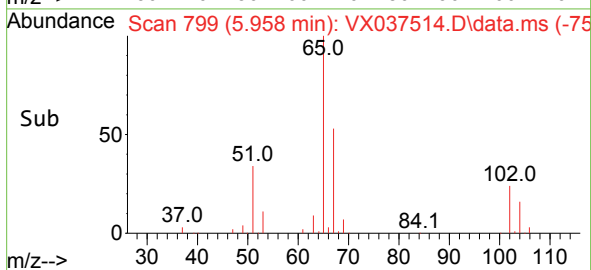
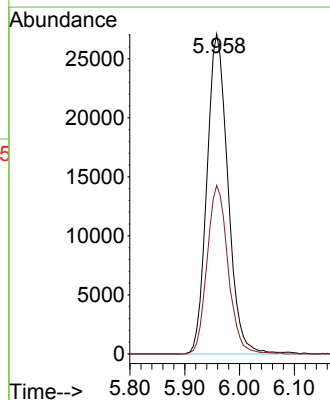
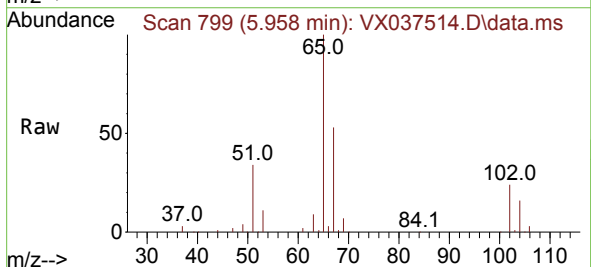
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

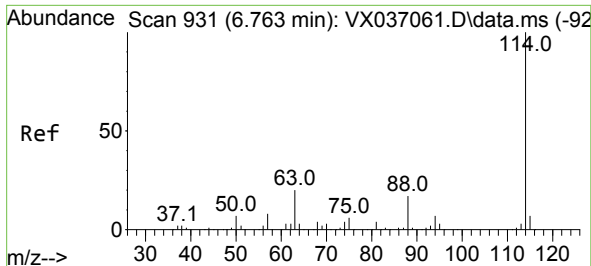
Tgt Ion: 56 Resp: 2156
Ion Ratio Lower Upper
56 100
69 191.2 23.4 35.2#
84 169.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 41.261 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037514.D
Acq: 05 Sep 2023 15:58

Tgt Ion: 65 Resp: 71886
Ion Ratio Lower Upper
65 100
67 52.6 0.0 100.2

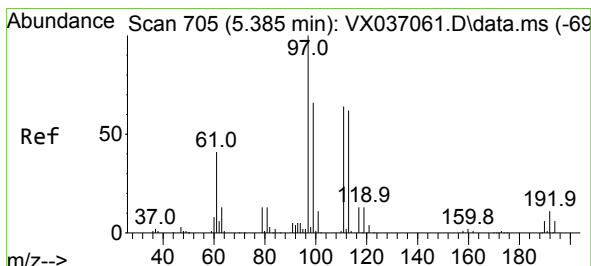
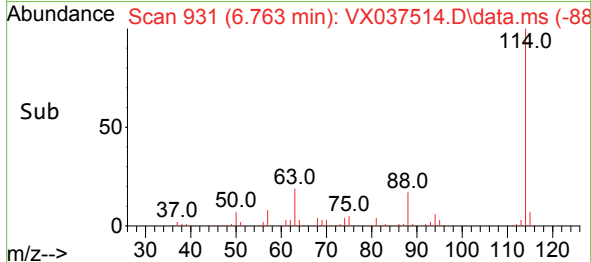
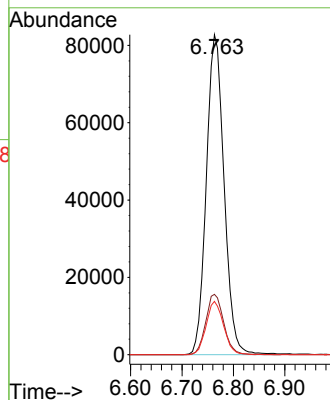
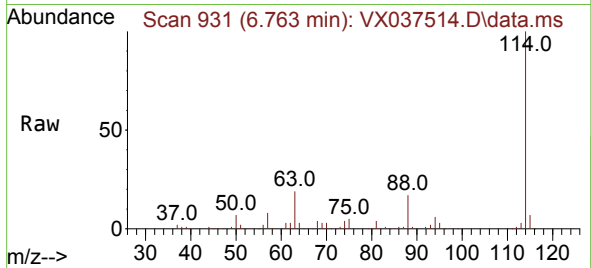




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037514.D
Acq: 05 Sep 2023 15:58

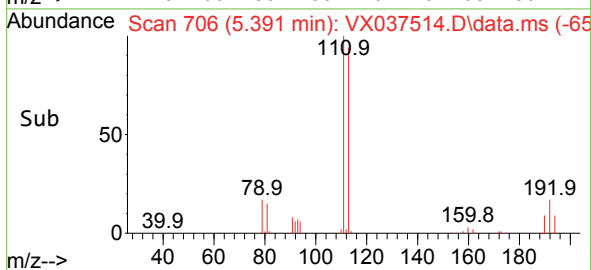
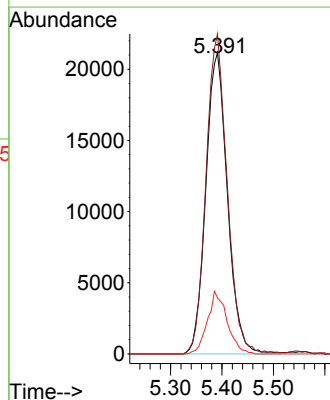
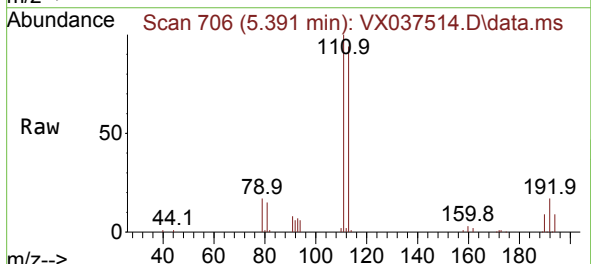
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

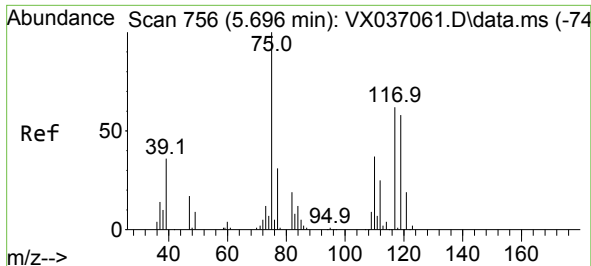
Tgt Ion:114 Resp: 198496
Ion Ratio Lower Upper
114 100
63 18.8 0.0 45.0
88 16.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.983 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037514.D
Acq: 05 Sep 2023 15:58

Tgt Ion:113 Resp: 61763
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 18.9 13.3 19.9

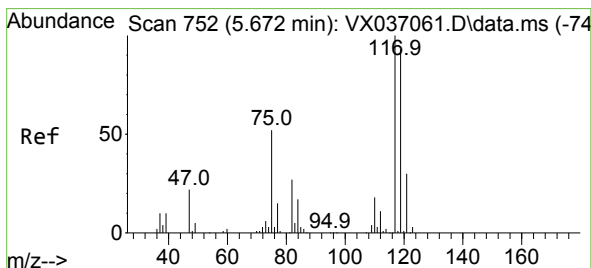
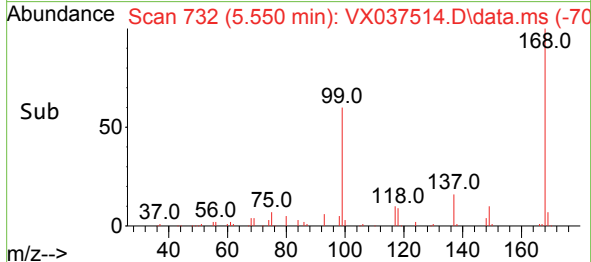
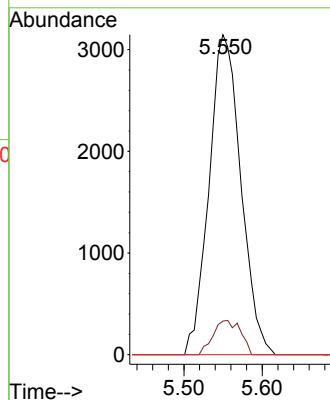
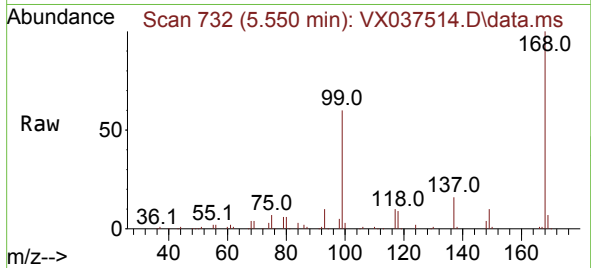




#36
1,1-Dichloropropene
Concen: 4.751 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.146 min
Lab File: VX037514.D
Acq: 05 Sep 2023 15:58

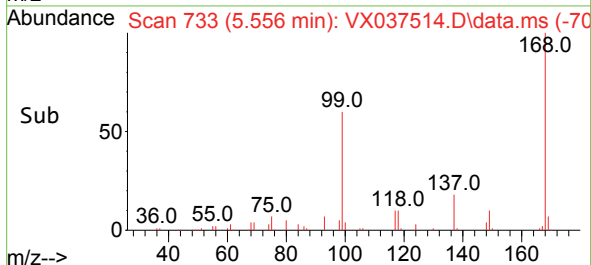
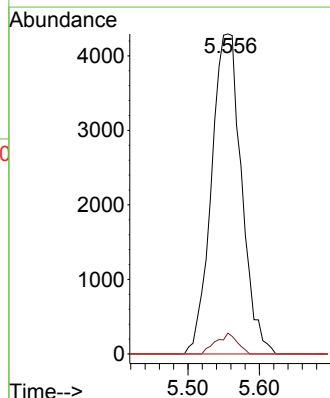
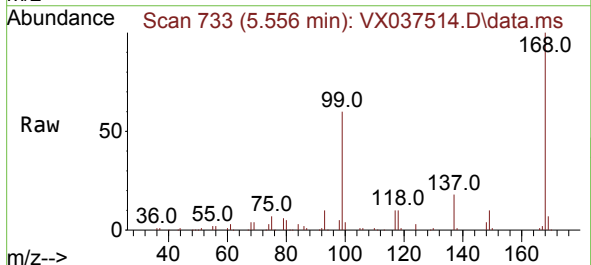
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

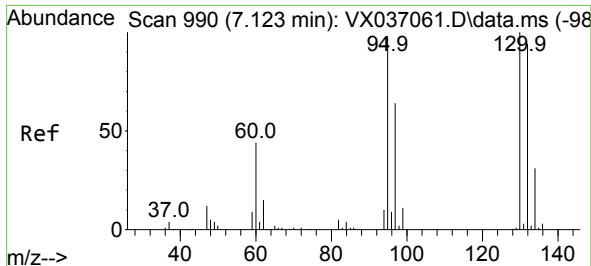
Tgt Ion: 75 Resp: 8874
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.183 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX037514.D
Acq: 05 Sep 2023 15:58

Tgt Ion: 117 Resp: 12545
Ion Ratio Lower Upper
117 100
119 6.5 78.2 117.2#
121 0.0 24.4 36.6#

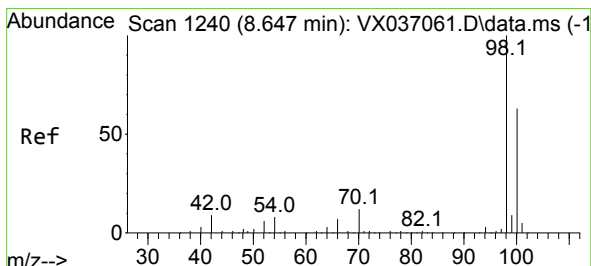
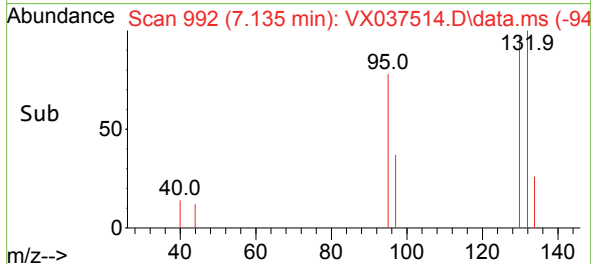
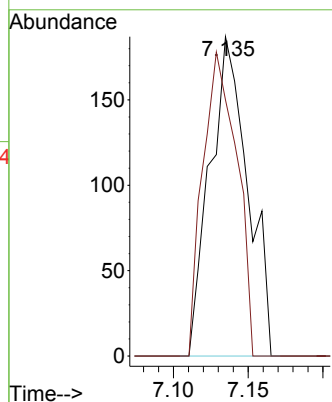
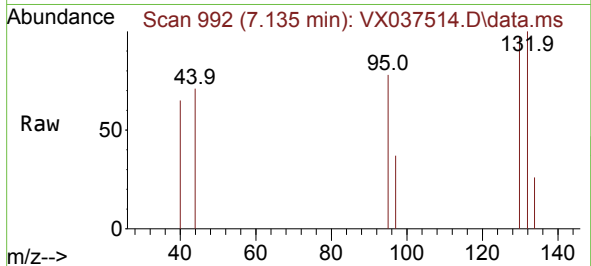




#44
Trichloroethene
Concen: 0.217 ug/l
RT: 7.135 min Scan# 990
Delta R.T. 0.012 min
Lab File: VX037514.D
Acq: 05 Sep 2023 15:58

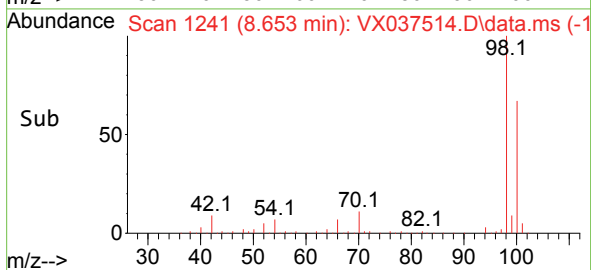
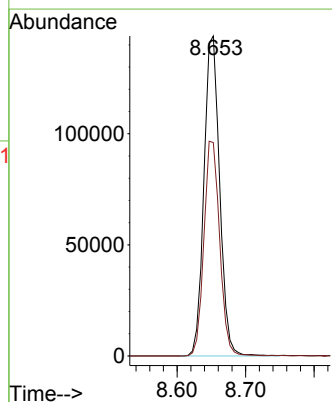
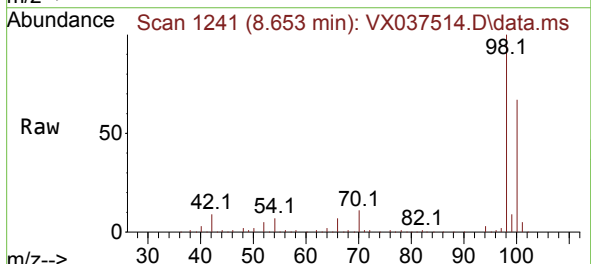
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MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

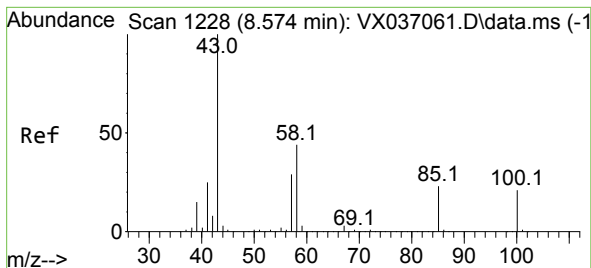
Tgt Ion:130 Resp: 329
Ion Ratio Lower Upper
130 100
95 80.2 0.0 204.4



#50
Toluene-d8
Concen: 48.265 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX037514.D
Acq: 05 Sep 2023 15:58

Tgt Ion: 98 Resp: 230154
Ion Ratio Lower Upper
98 100
100 67.2 53.1 79.7

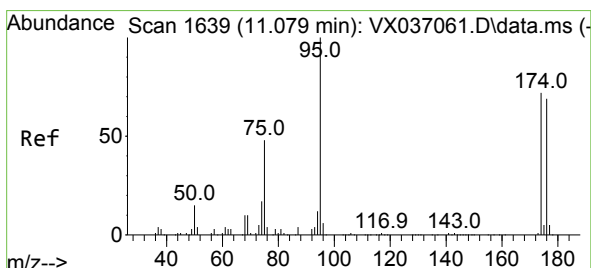
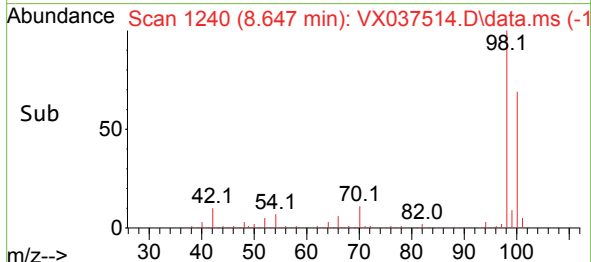
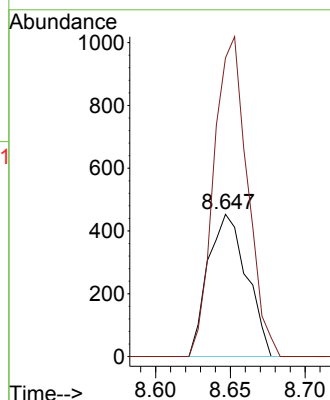
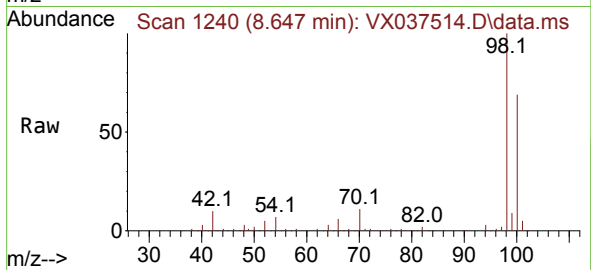




#51
4-Methyl-2-Pentanone
Concen: 0.444 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037514.D
Acq: 05 Sep 2023 15:58

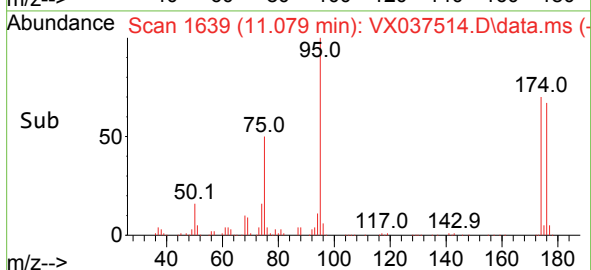
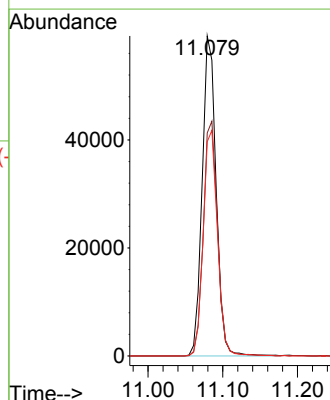
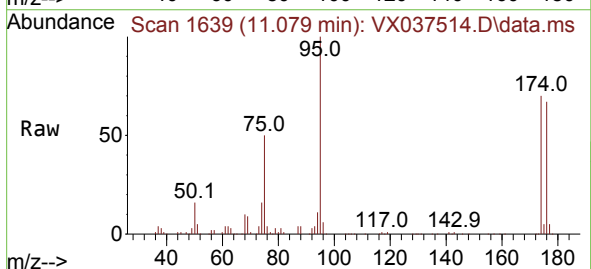
Instrument :
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STORAGE-BLANK-WATER-REF-5

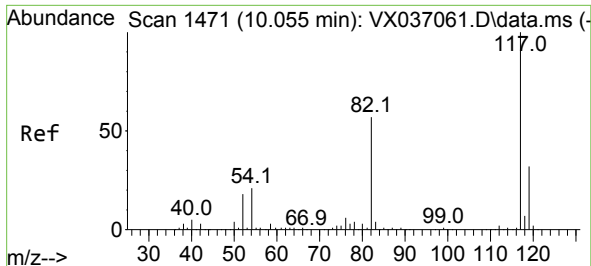
Tgt Ion: 43 Resp: 817
Ion Ratio Lower Upper
43 100
58 195.2 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 40.929 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037514.D
Acq: 05 Sep 2023 15:58

Tgt Ion: 95 Resp: 76700
Ion Ratio Lower Upper
95 100
174 75.1 0.0 135.6
176 72.0 0.0 131.0

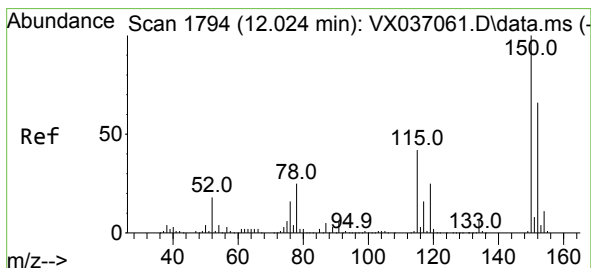
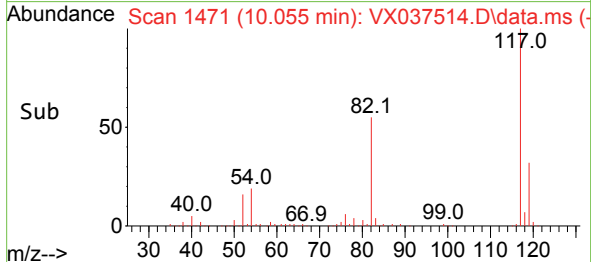
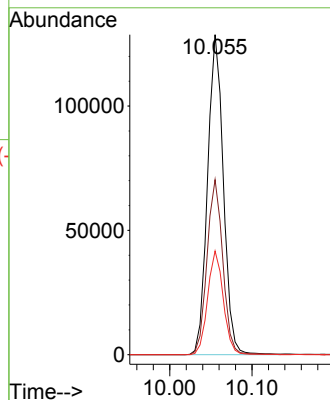
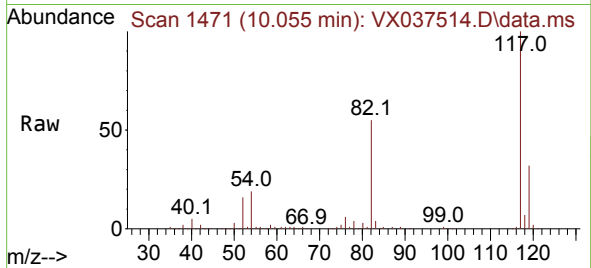




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037514.D
Acq: 05 Sep 2023 15:58

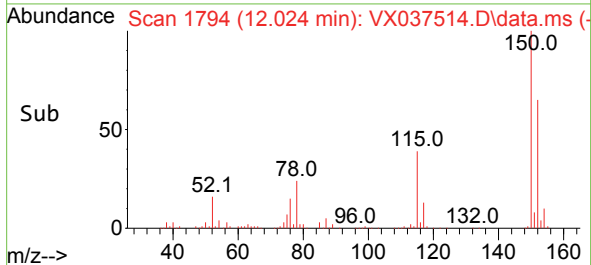
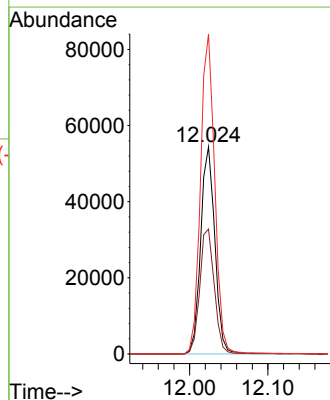
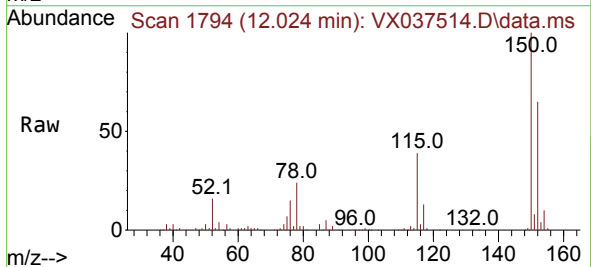
Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-WATER-REF-5

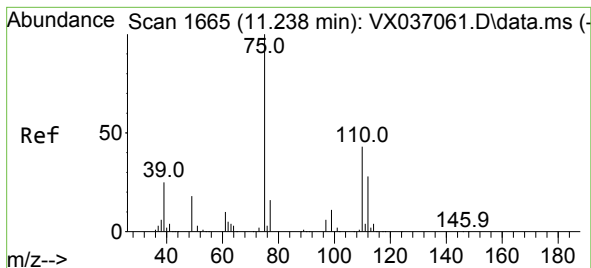
Tgt Ion:117 Resp: 171819
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037514.D
Acq: 05 Sep 2023 15:58

Tgt Ion:152 Resp: 68703
Ion Ratio Lower Upper
152 100
115 62.0 43.3 129.9
150 155.0 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.454 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037514.D

Acq: 05 Sep 2023 15:58

Instrument :

MSVOA_X

ClientSampleId :

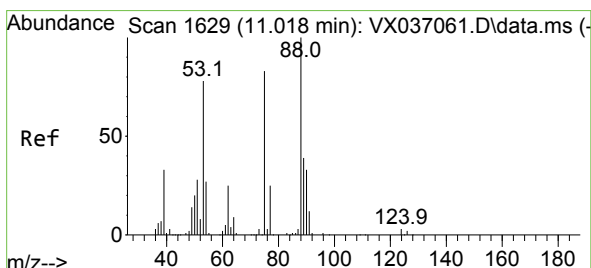
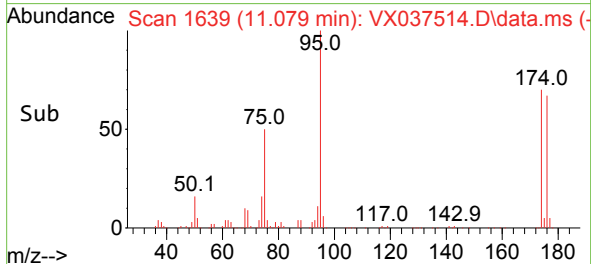
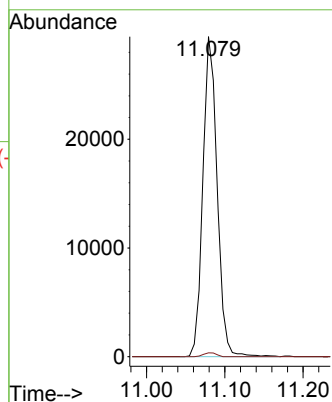
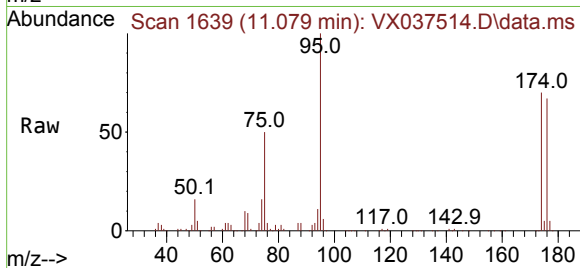
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 75 Resp: 37243

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 71.094 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037514.D

Acq: 05 Sep 2023 15:58

Tgt Ion: 75 Resp: 37243

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

