

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092923\
 Data File : VX037984.D
 Acq On : 29 Sep 2023 18:28
 Operator : JC/MD
 Sample : 04688-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Sep 29 23:09:01 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	5.556	168	216270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	369470	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	360727	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	191046	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	135905	47.829	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.660%
35) Dibromofluoromethane	5.385	113	116261	47.028	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.060%
50) Toluene-d8	8.653	98	446132	48.569	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.140%
62) 4-Bromofluorobenzene	11.079	95	169009	50.634	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.260%

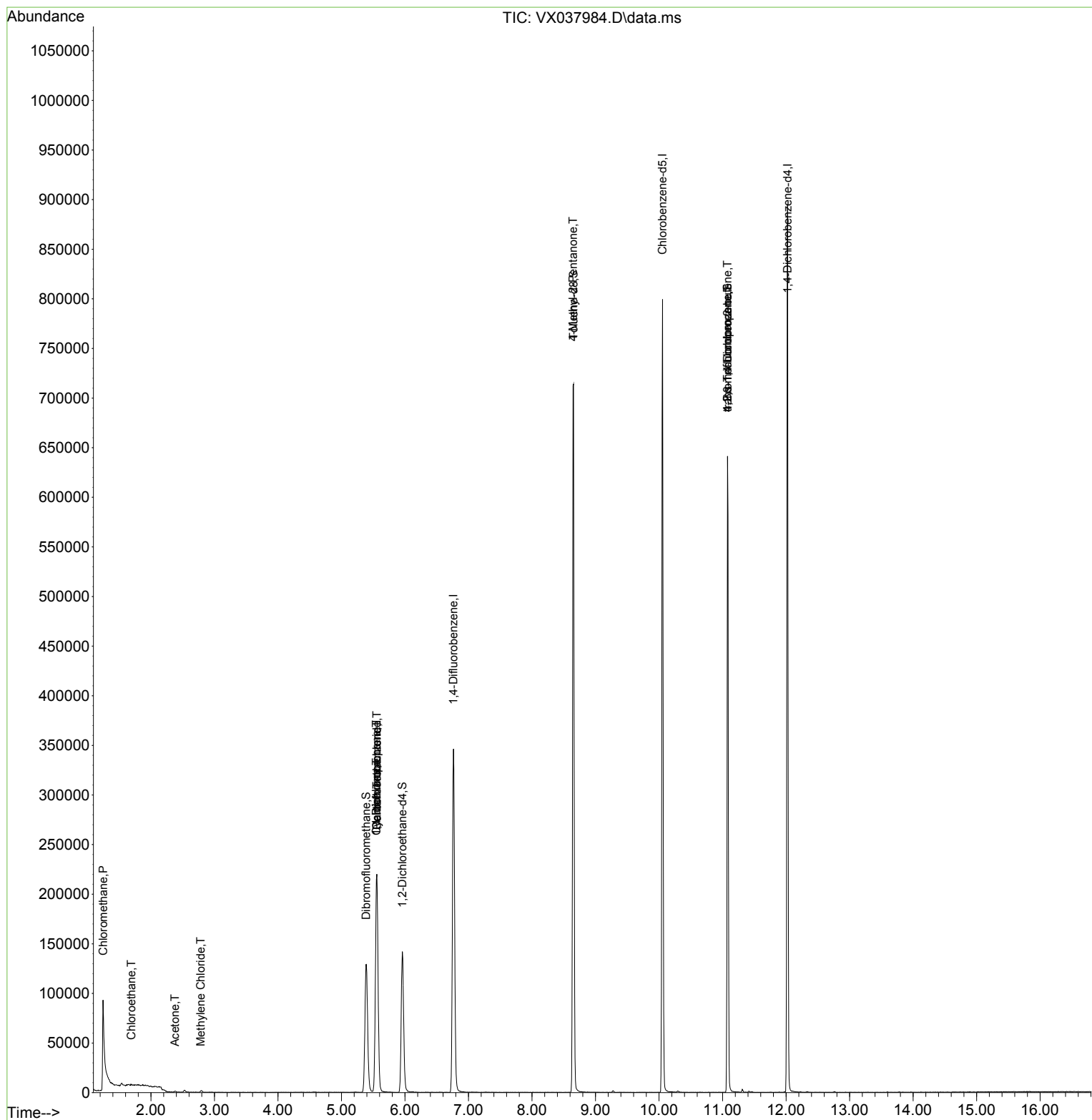
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.246	50	2411	0.972	ug/l #	43
6) Chloroethane	1.691	64	730	0.396	ug/l #	66
16) Acetone	2.380	43	951	0.696	ug/l #	88
20) Methylene Chloride	2.782	84	836	0.306	ug/l #	72
31) Cyclohexane	5.550	56	4397	1.206	ug/l #	11
36) 1,1-Dichloropropene	5.550	75	16437	4.827	ug/l #	51
38) Carbon Tetrachloride	5.556	117	21439	6.017	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1675	0.441	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	86423	19.558	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	86423	62.653	ug/l #	5

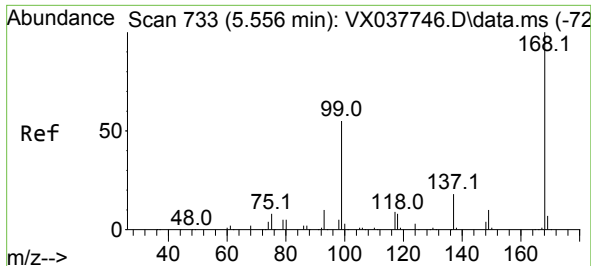
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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Quant Time: Sep 29 23:09:01 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

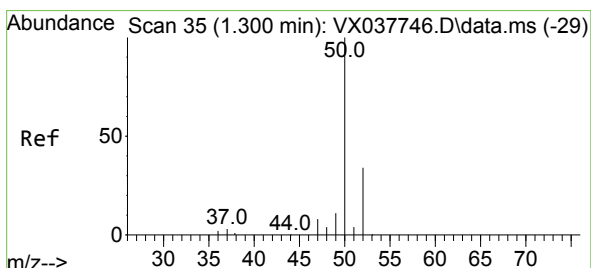
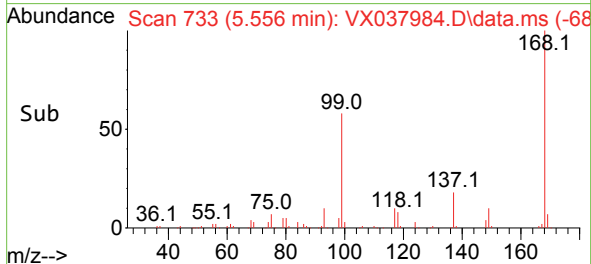
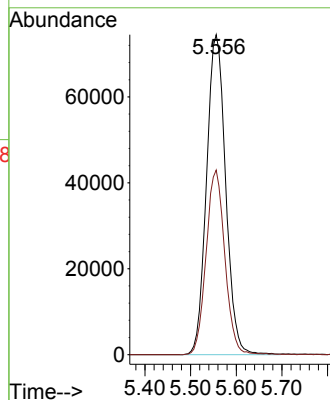
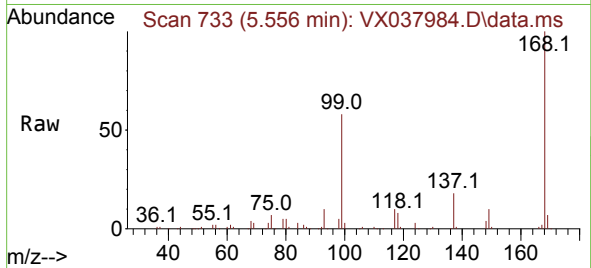




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037984.D
Acq: 29 Sep 2023 18:28

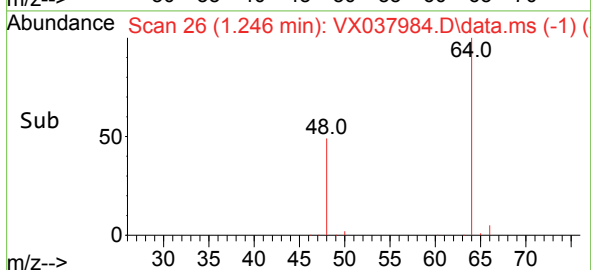
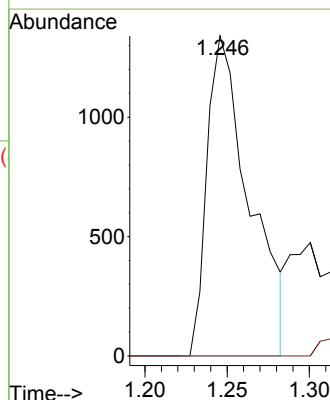
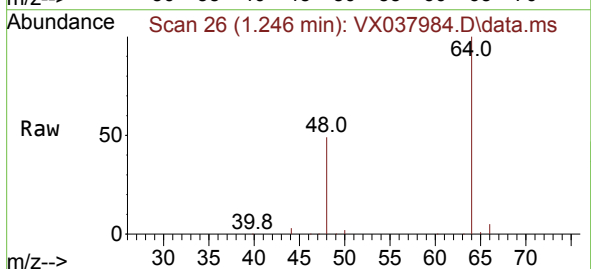
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

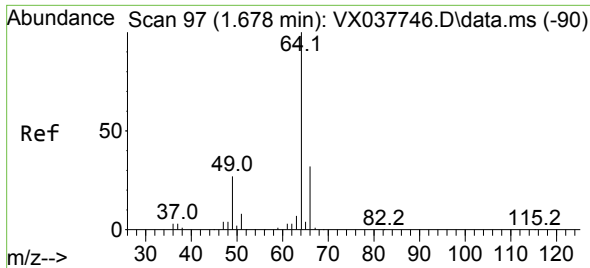
Tgt Ion:168 Resp: 216270
Ion Ratio Lower Upper
168 100
99 57.7 56.6 85.0



#3
Chloromethane
Concen: 0.972 ug/l
RT: 1.246 min Scan# 26
Delta R.T. -0.055 min
Lab File: VX037984.D
Acq: 29 Sep 2023 18:28

Tgt Ion: 50 Resp: 2411
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

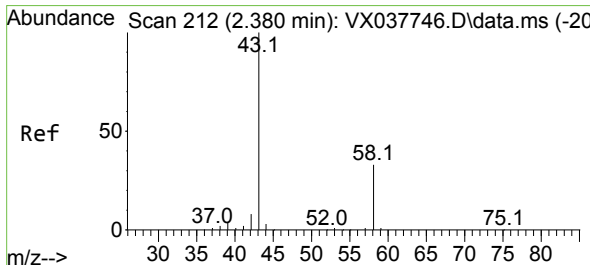
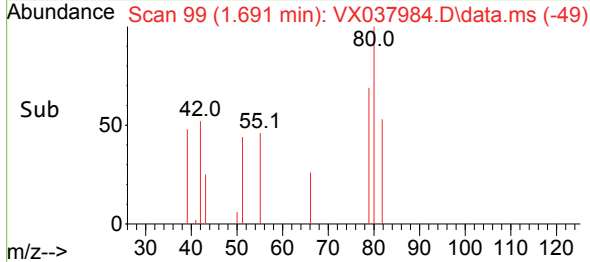
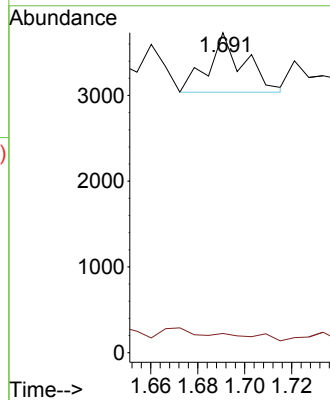
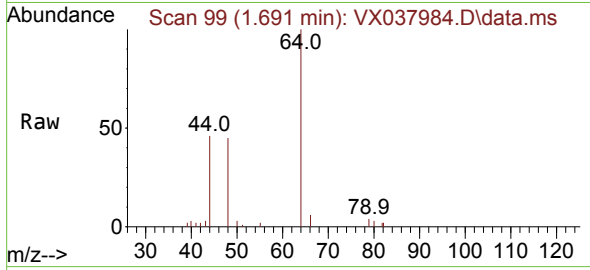




#6
Chloroethane
Concen: 0.396 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX037984.D
Acq: 29 Sep 2023 18:28

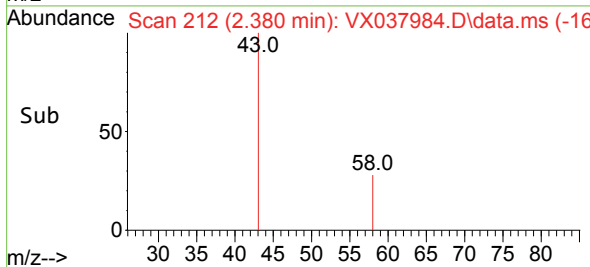
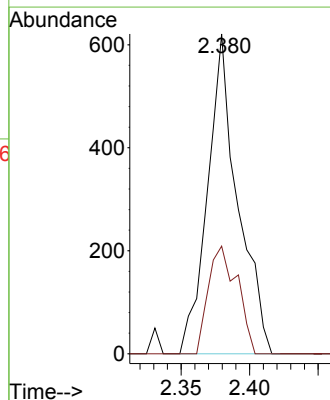
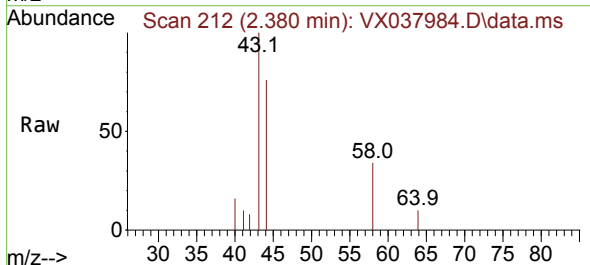
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

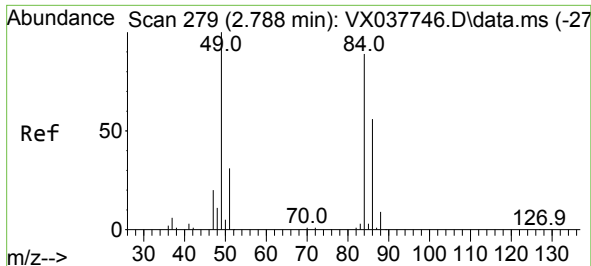
Tgt Ion: 64 Resp: 730
Ion Ratio Lower Upper
64 100
66 12.4 25.1 37.7#



#16
Acetone
Concen: 0.696 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037984.D
Acq: 29 Sep 2023 18:28

Tgt Ion: 43 Resp: 951
Ion Ratio Lower Upper
43 100
58 33.7 21.9 32.9#

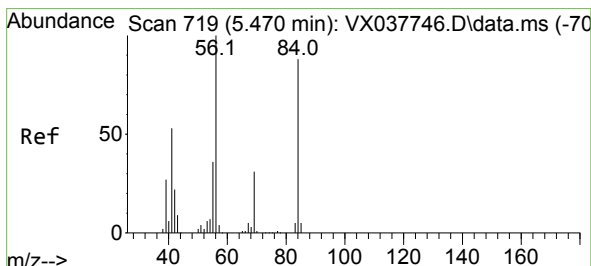
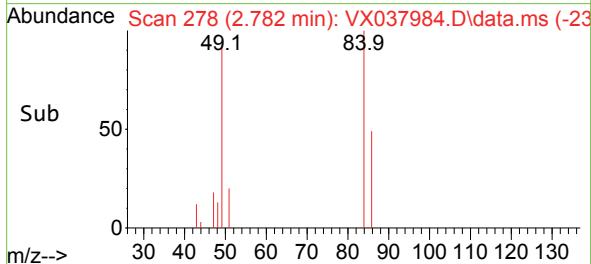
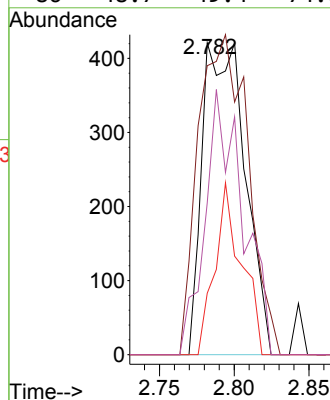
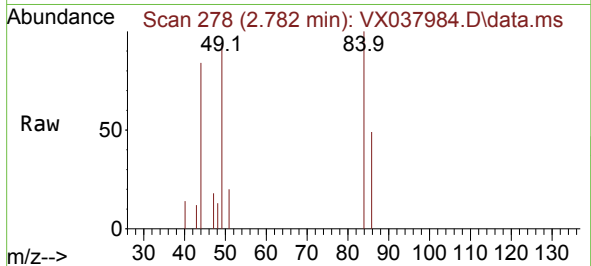




#20
Methylene Chloride
Concen: 0.306 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX037984.D
Acq: 29 Sep 2023 18:28

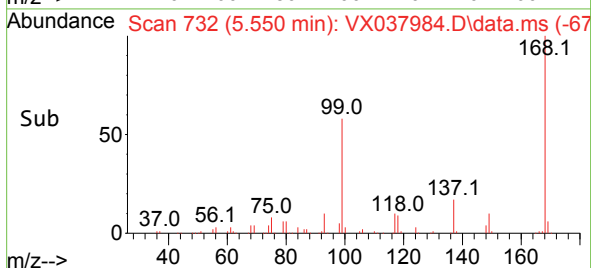
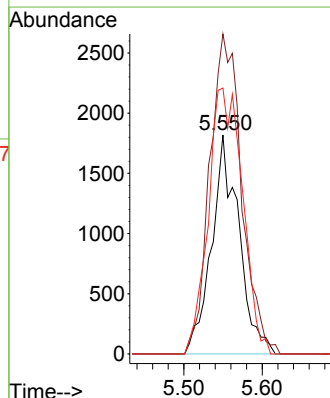
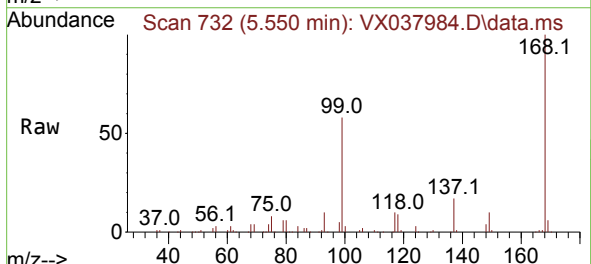
Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-WATER-REF-5

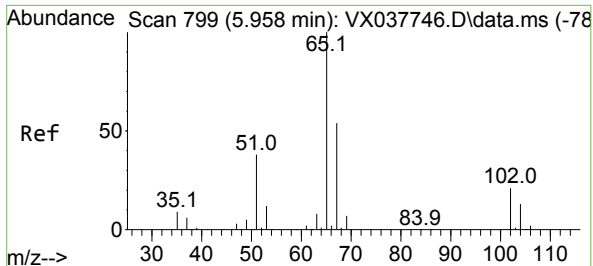
Tgt Ion:	84	Resp:	836
Ion	Ratio	Lower	Upper
84	100		
49	92.6	103.6	155.4#
51	19.7	33.8	50.6#
86	48.7	49.4	74.0#



#31
Cyclohexane
Concen: 1.206 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX037984.D
Acq: 29 Sep 2023 18:28

Tgt Ion:	56	Resp:	4397
Ion	Ratio	Lower	Upper
56	100		
69	146.1	23.4	35.2#
84	121.4	65.9	98.9#

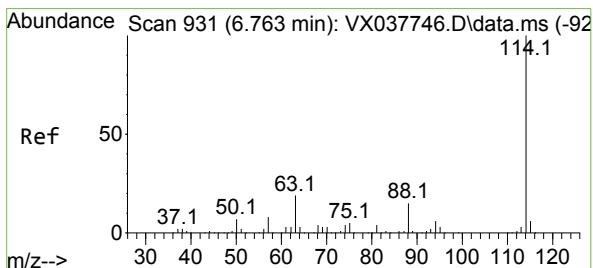
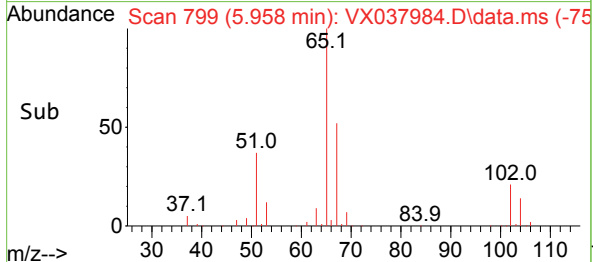
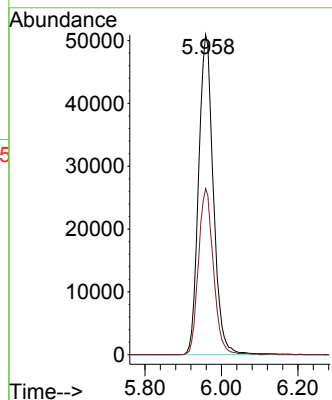
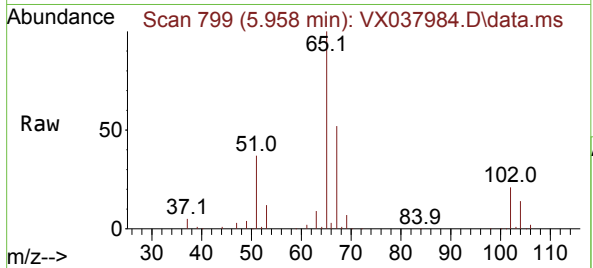




#33
1,2-Dichloroethane-d4
Concen: 47.829 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037984.D
Acq: 29 Sep 2023 18:28

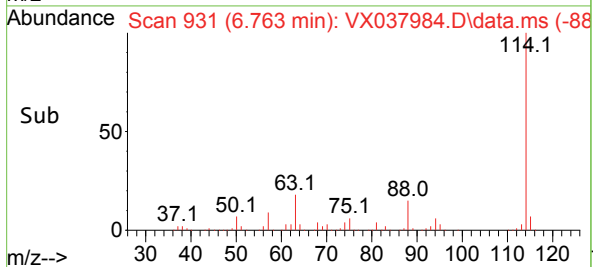
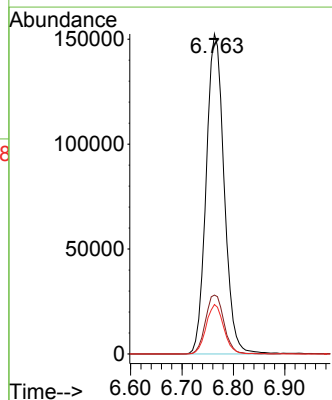
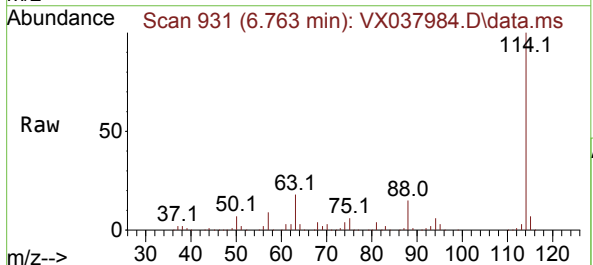
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

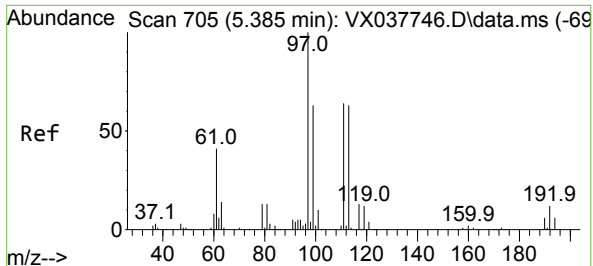
Tgt Ion: 65 Resp: 135905
Ion Ratio Lower Upper
65 100
67 52.5 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX037984.D
Acq: 29 Sep 2023 18:28

Tgt Ion:114 Resp: 369470
Ion Ratio Lower Upper
114 100
63 18.4 0.0 45.0
88 15.4 0.0 36.6

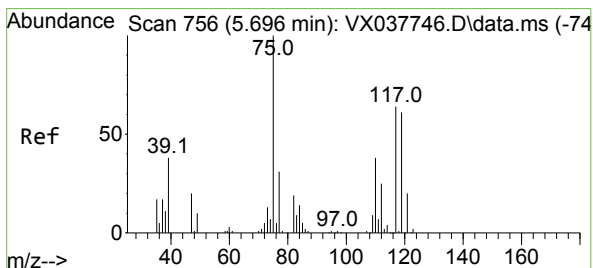
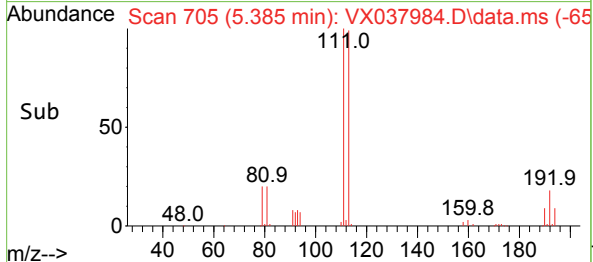
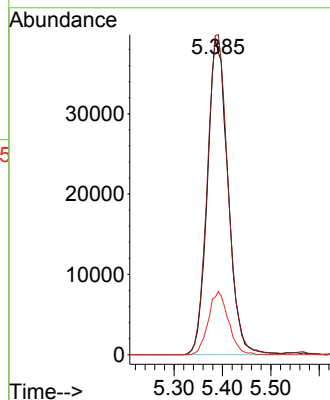
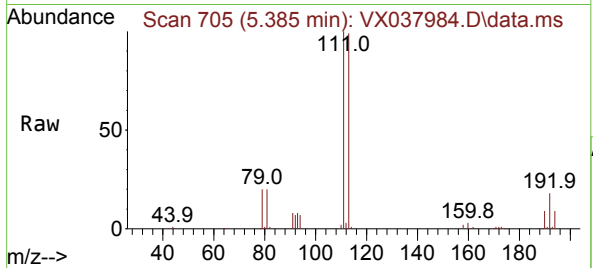




#35
Dibromofluoromethane
Concen: 47.028 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037984.D
Acq: 29 Sep 2023 18:28

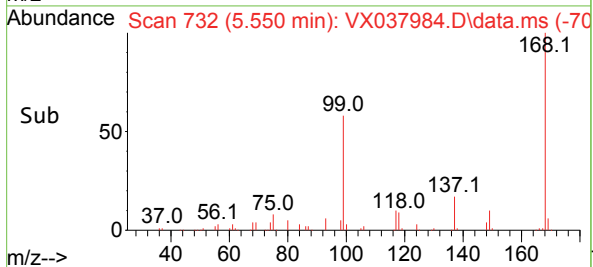
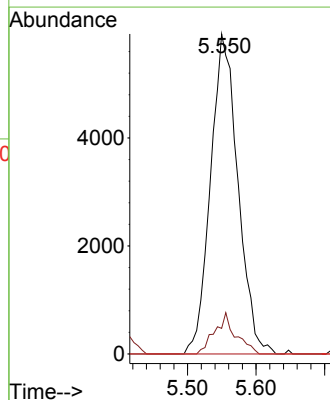
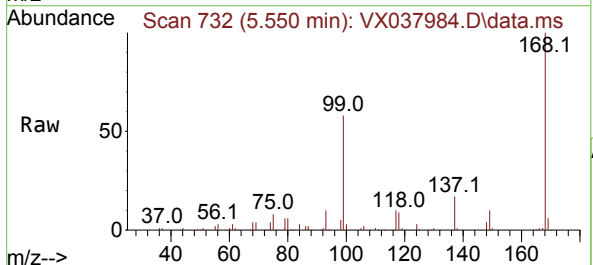
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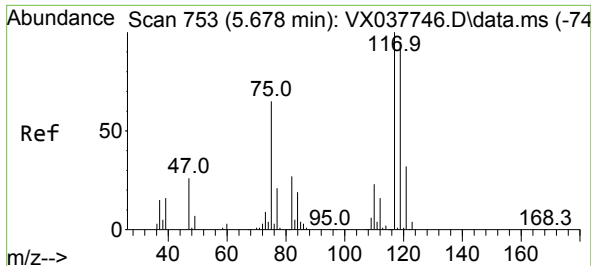
Tgt Ion:113 Resp: 116261
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 19.5 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.827 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037984.D
Acq: 29 Sep 2023 18:28

Tgt Ion: 75 Resp: 16437
Ion Ratio Lower Upper
75 100
110 9.8 17.0 50.9#
77 0.0 24.7 37.1#

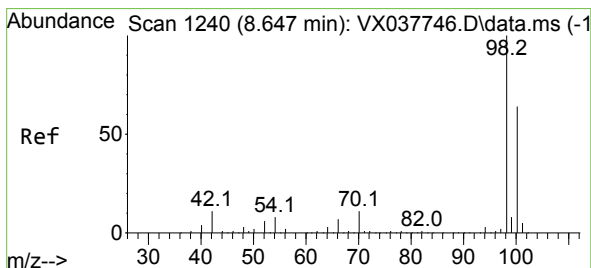
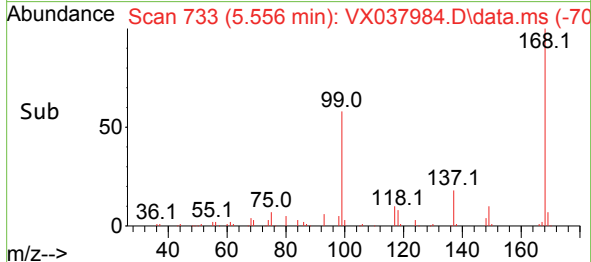
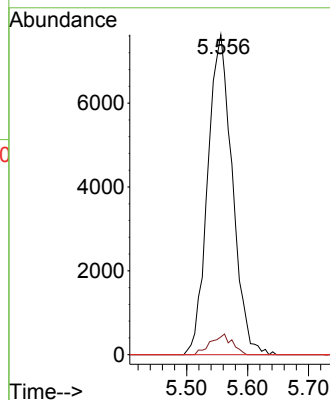
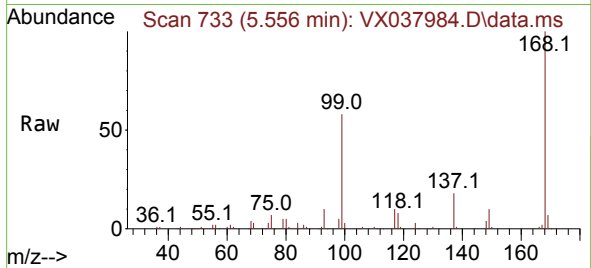




#38
Carbon Tetrachloride
Concen: 6.017 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037984.D
Acq: 29 Sep 2023 18:28

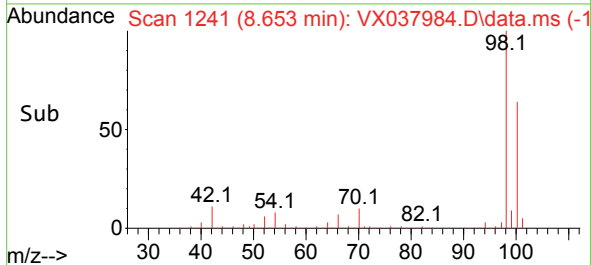
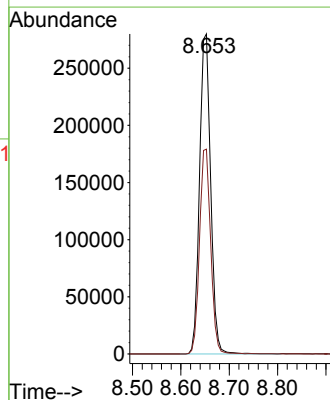
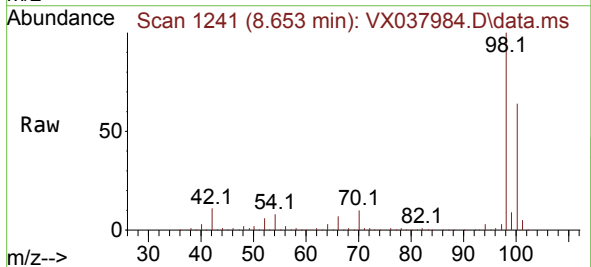
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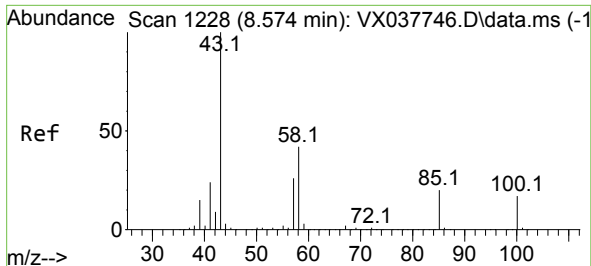
Tgt Ion:117 Resp: 21439
Ion Ratio Lower Upper
117 100
119 5.6 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.569 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX037984.D
Acq: 29 Sep 2023 18:28

Tgt Ion: 98 Resp: 446132
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7

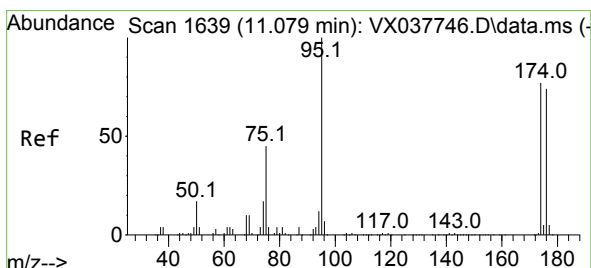
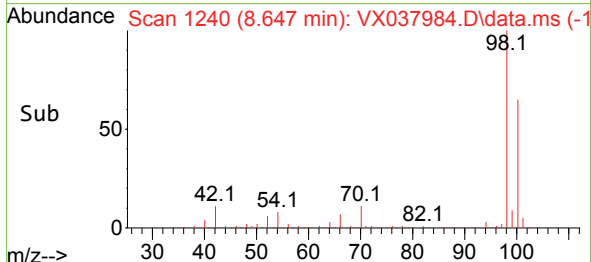
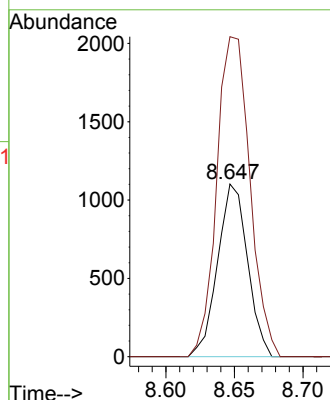
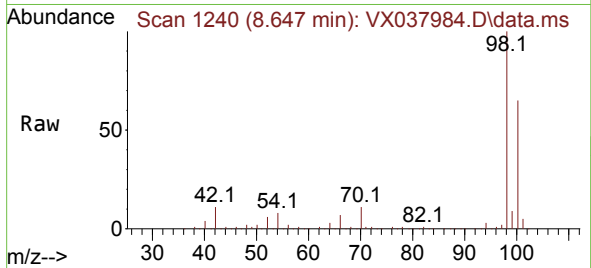




#51
4-Methyl-2-Pentanone
Concen: 0.441 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037984.D
Acq: 29 Sep 2023 18:28

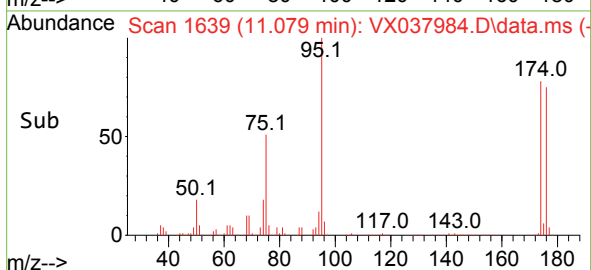
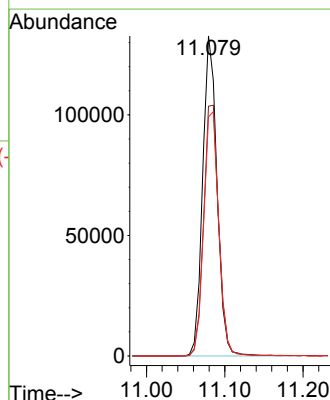
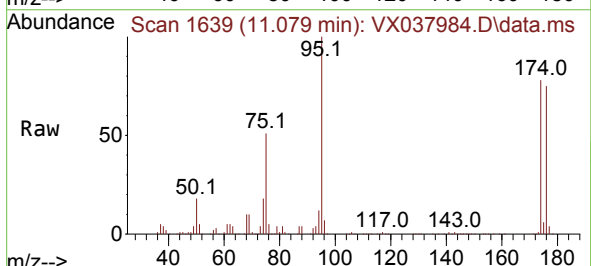
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

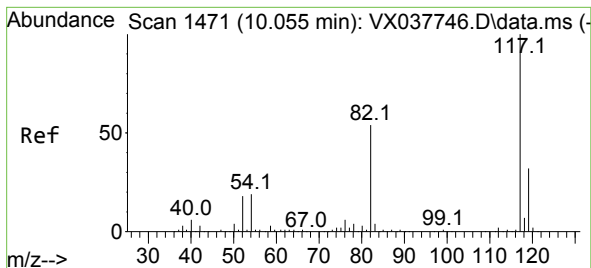
Tgt Ion: 43 Resp: 1675
Ion Ratio Lower Upper
43 100
58 205.5 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 50.634 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037984.D
Acq: 29 Sep 2023 18:28

Tgt Ion: 95 Resp: 169009
Ion Ratio Lower Upper
95 100
174 82.2 0.0 135.6
176 79.9 0.0 131.0

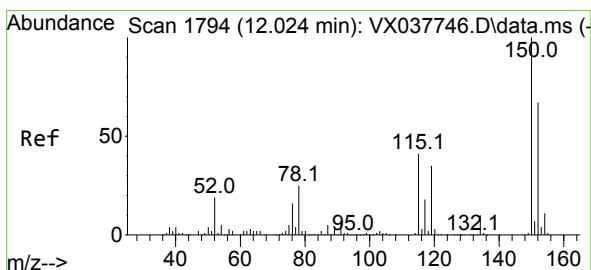
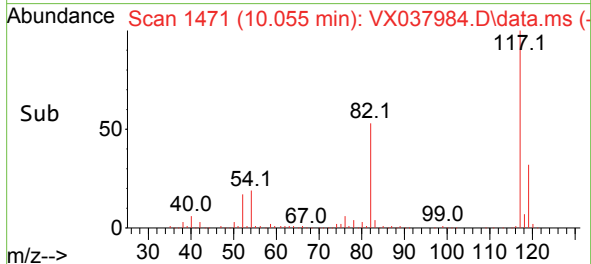
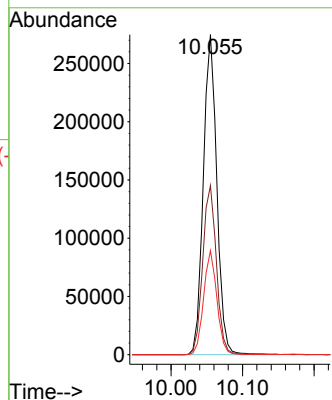
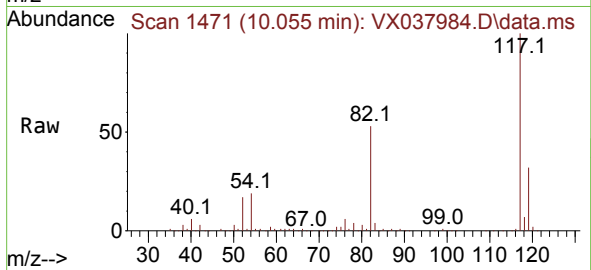




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037984.D
Acq: 29 Sep 2023 18:28

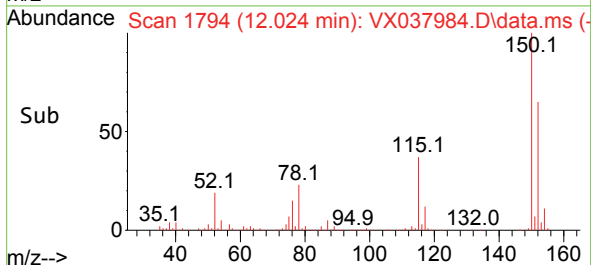
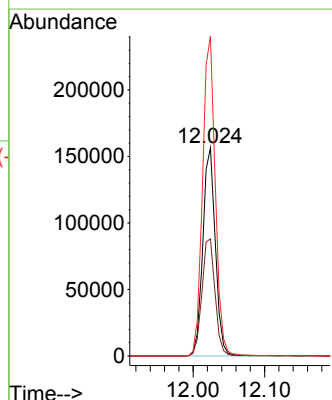
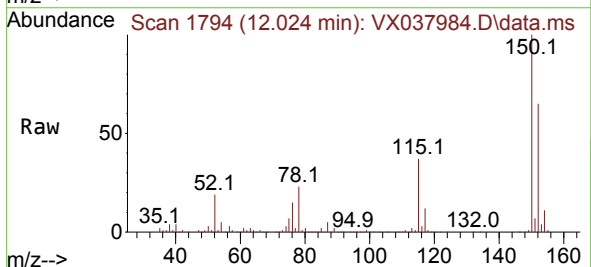
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

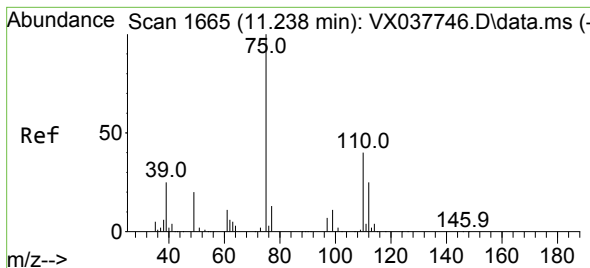
Tgt Ion:117 Resp: 360727
Ion Ratio Lower Upper
117 100
82 52.8 46.2 69.4
119 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037984.D
Acq: 29 Sep 2023 18:28

Tgt Ion:152 Resp: 191046
Ion Ratio Lower Upper
152 100
115 58.8 43.3 129.9
150 154.9 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 19.558 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037984.D

Acq: 29 Sep 2023 18:28

Instrument :

MSVOA_X

ClientSampleId :

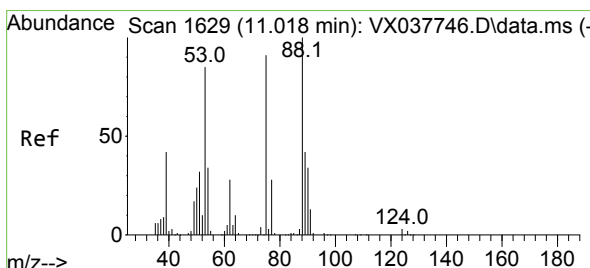
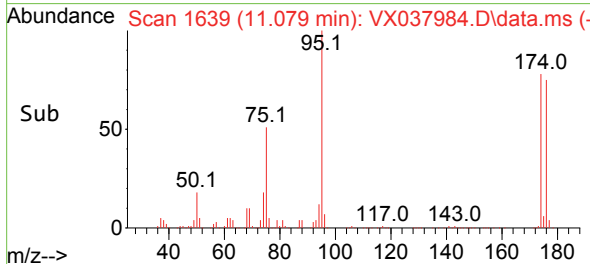
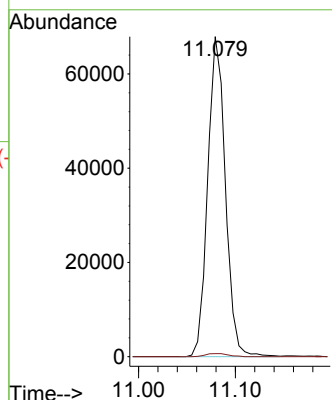
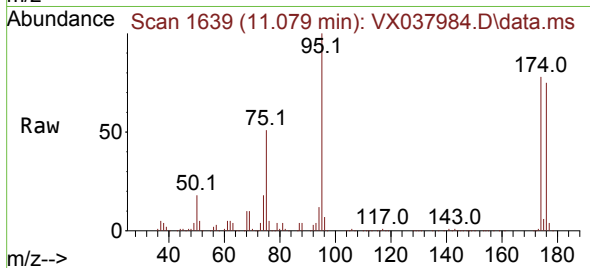
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 75 Resp: 86423

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.653 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037984.D

Acq: 29 Sep 2023 18:28

Tgt Ion: 75 Resp: 86423

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

