

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122823\
 Data File : VX039513.D
 Acq On : 28 Dec 2023 14:01
 Operator : JC/MD
 Sample : 06019-02RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Dec 28 22:50:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	87183	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	186909	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	185821	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79464	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	79379	49.701	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.400%
35) Dibromofluoromethane	5.385	113	60486	46.843	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.680%
50) Toluene-d8	8.647	98	237862	49.618	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.240%
62) 4-Bromofluorobenzene	11.079	95	96447	48.762	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.520%

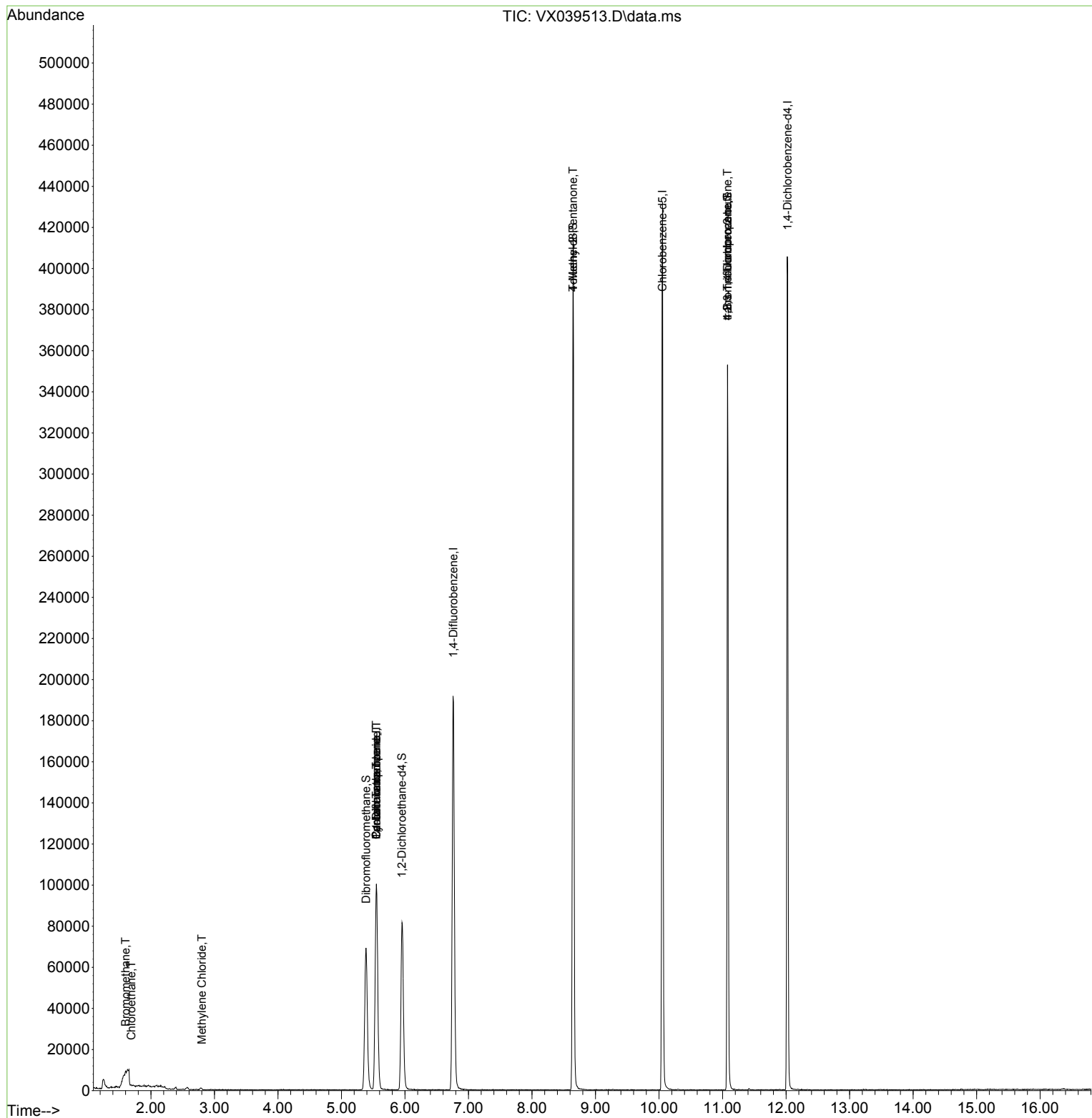
Target Compounds					Qvalue	
5) Bromomethane	1.599	94	175	0.241	ug/l #	52
6) Chloroethane	1.691	64	255	0.335	ug/l #	43
16) Acetone	2.379	43	1072	Below Cal		95
20) Methylene Chloride	2.800	84	409	0.307	ug/l #	44
31) Cyclohexane	5.550	56	2339	1.134	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	8305	4.076	ug/l #	50
38) Carbon Tetrachloride	5.550	117	10117	5.203	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1161	0.445	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	51923	25.256	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	51923	71.247	ug/l #	5

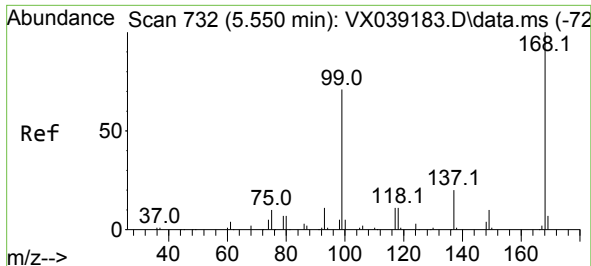
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122823\
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STORAGE-BLANK-WATER-REF-5

Quant Time: Dec 28 22:50:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
Response via : Initial Calibration

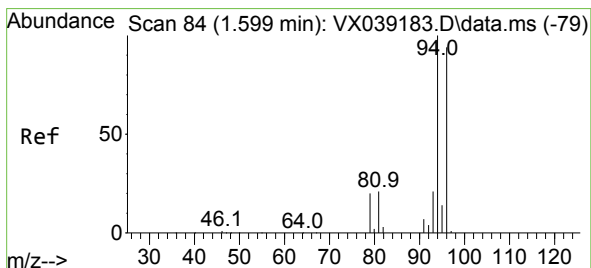
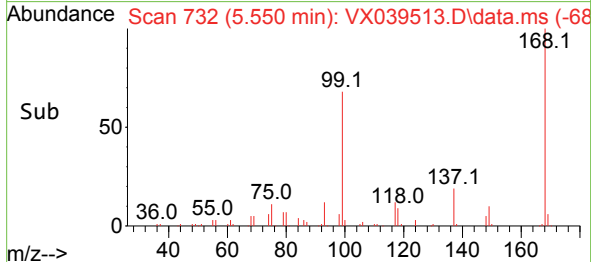
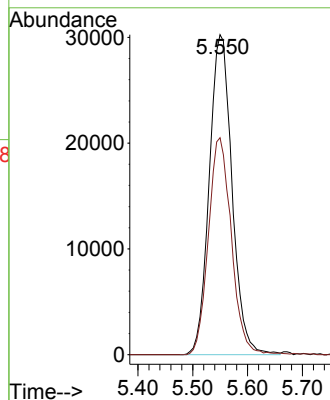
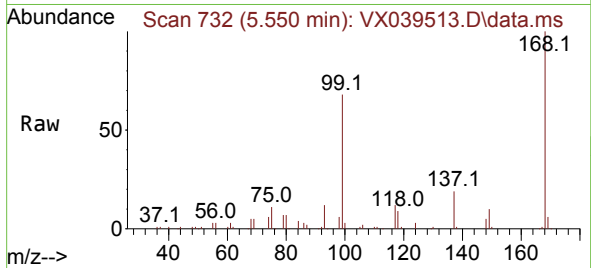




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039513.D
Acq: 28 Dec 2023 14:01

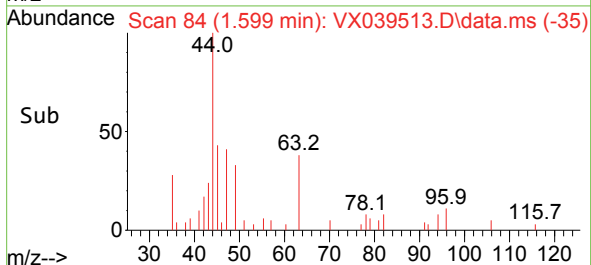
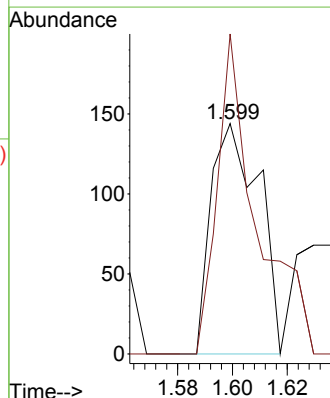
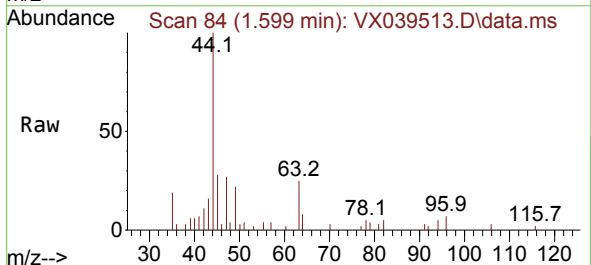
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

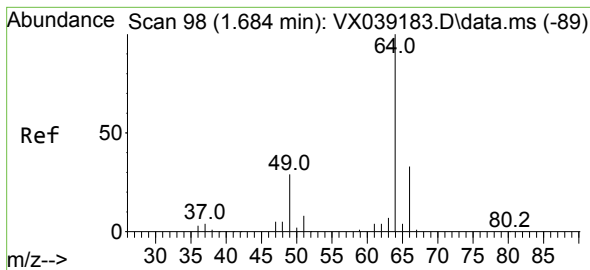
Tgt Ion:168 Resp: 87183
Ion Ratio Lower Upper
168 100
99 67.8 56.6 85.0



#5
Bromomethane
Concen: 0.241 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX039513.D
Acq: 28 Dec 2023 14:01

Tgt Ion: 94 Resp: 175
Ion Ratio Lower Upper
94 100
96 138.9 74.6 111.8#

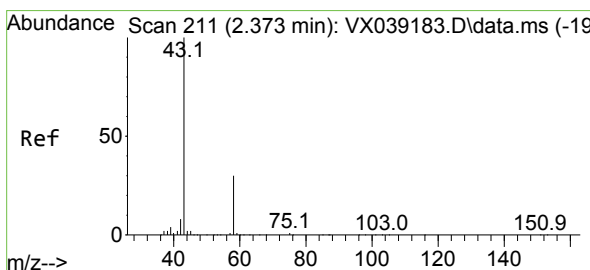
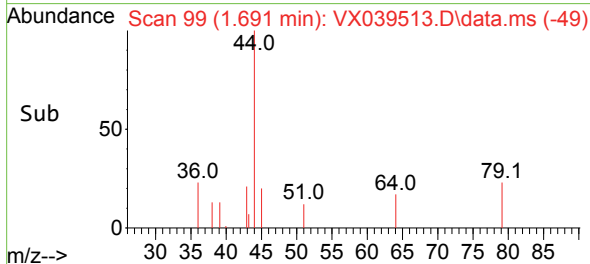
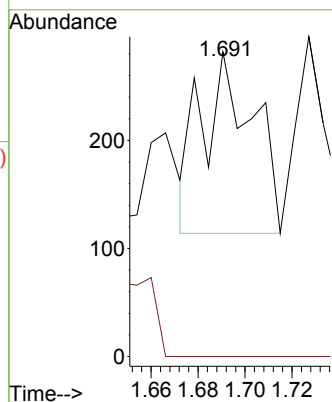
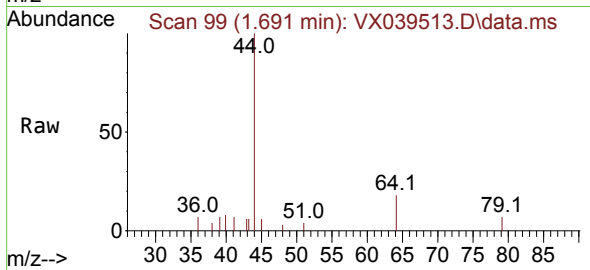




#6
Chloroethane
Concen: 0.335 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX039513.D
Acq: 28 Dec 2023 14:01

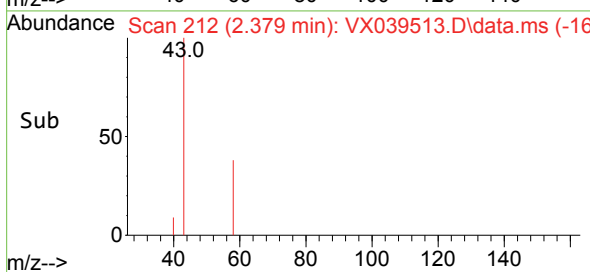
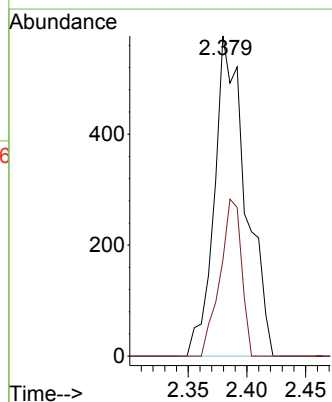
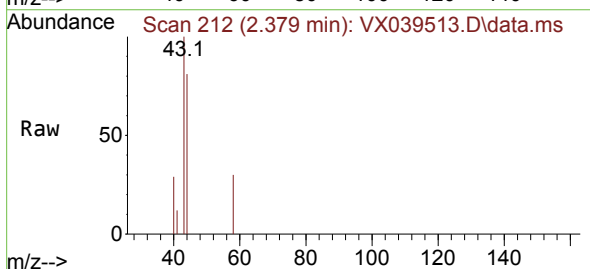
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

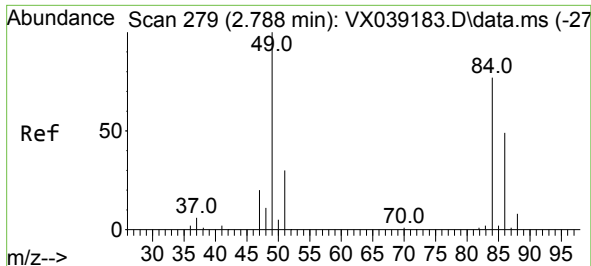
Tgt Ion: 64 Resp: 255
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: Below Cal
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX039513.D
Acq: 28 Dec 2023 14:01

Tgt Ion: 43 Resp: 1072
Ion Ratio Lower Upper
43 100
58 30.0 21.9 32.9

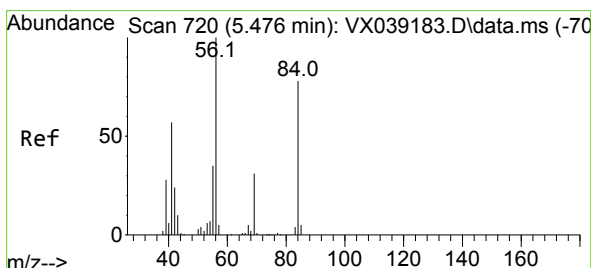
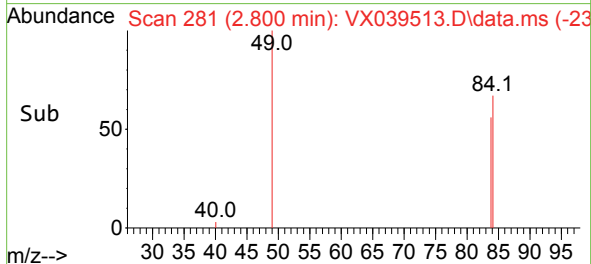
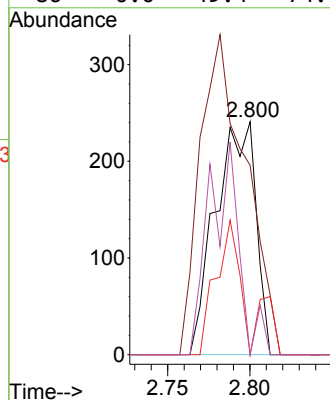
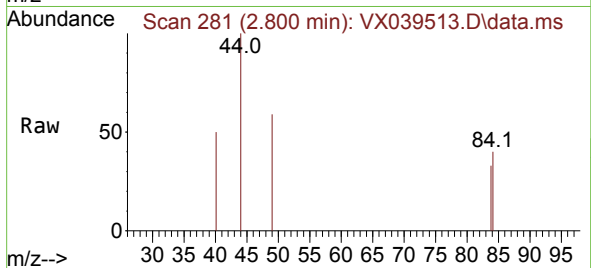




#20
Methylene Chloride
Concen: 0.307 ug/l
RT: 2.800 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX039513.D
Acq: 28 Dec 2023 14:01

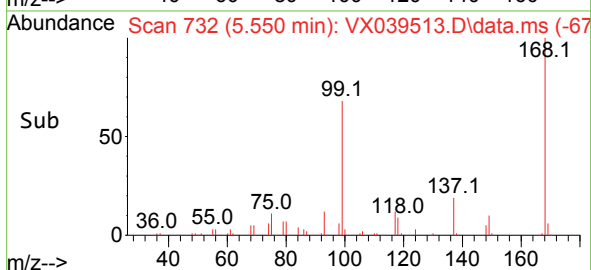
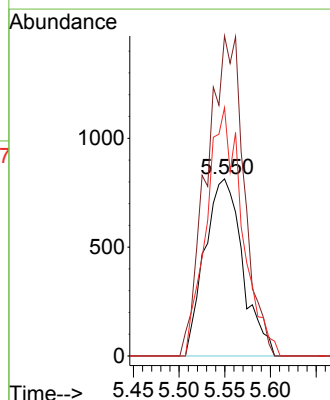
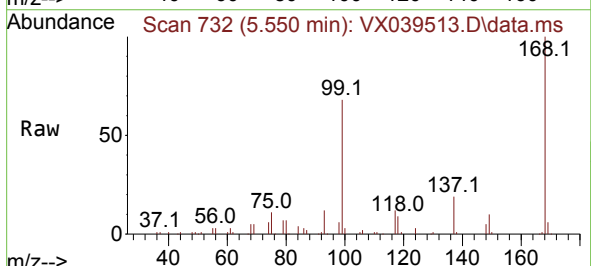
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

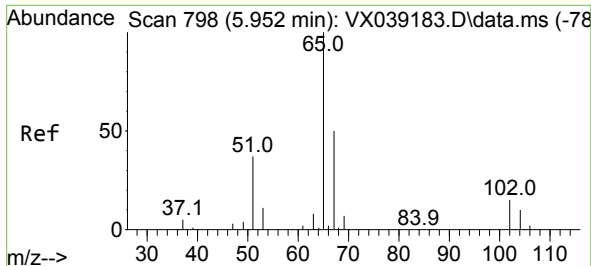
Tgt Ion:	84	Resp:	409
Ion	Ratio	Lower	Upper
84	100		
49	81.3	103.6	155.4#
51	0.0	33.8	50.6#
86	0.0	49.4	74.0#



#31
Cyclohexane
Concen: 1.134 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX039513.D
Acq: 28 Dec 2023 14:01

Tgt Ion:	56	Resp:	2339
Ion	Ratio	Lower	Upper
56	100		
69	180.6	23.4	35.2#
84	140.2	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 49.701 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039513.D

Acq: 28 Dec 2023 14:01

Instrument :

MSVOA_X

ClientSampleId :

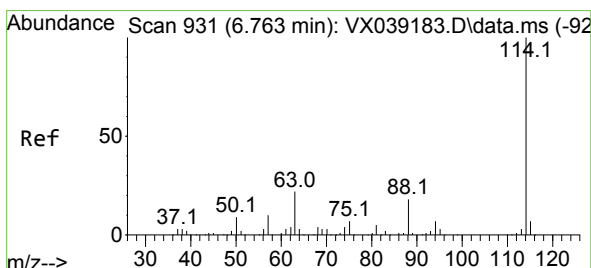
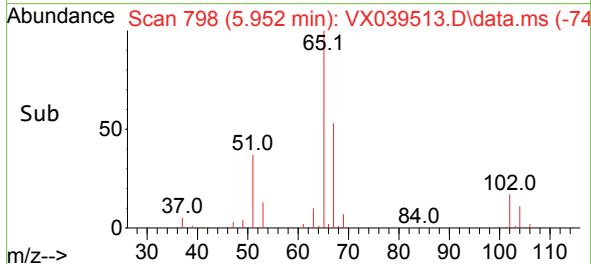
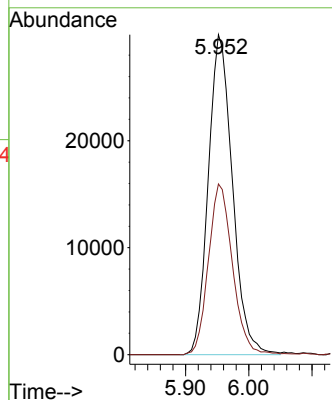
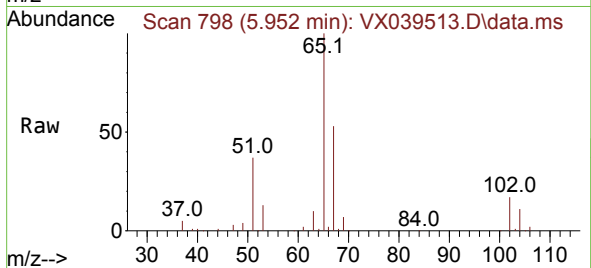
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 65 Resp: 79379

Ion Ratio Lower Upper

65 100

67 53.2 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: VX039513.D

Acq: 28 Dec 2023 14:01

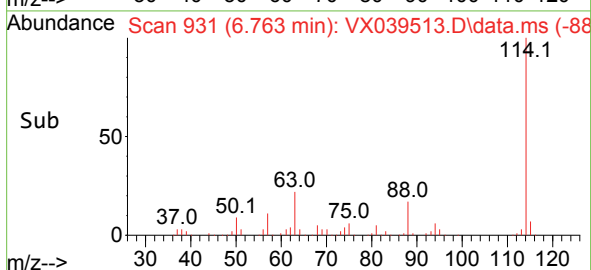
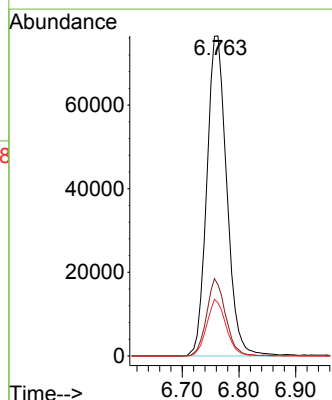
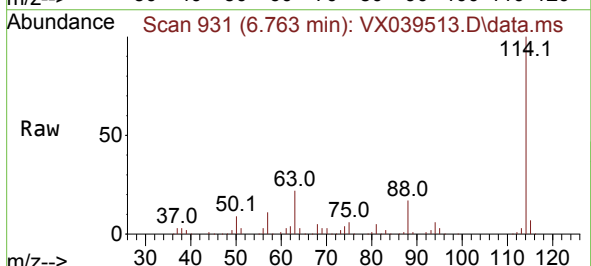
Tgt Ion: 114 Resp: 186909

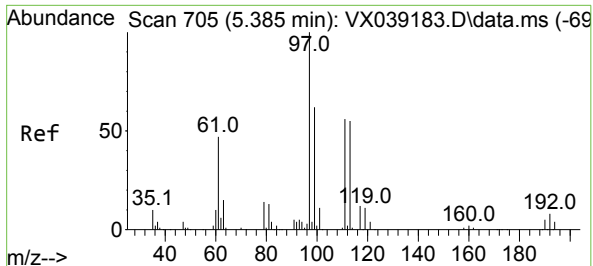
Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.0

88 16.6 0.0 36.6

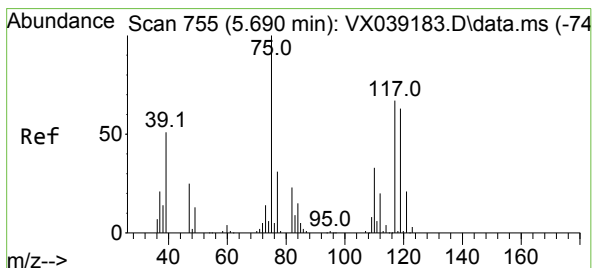
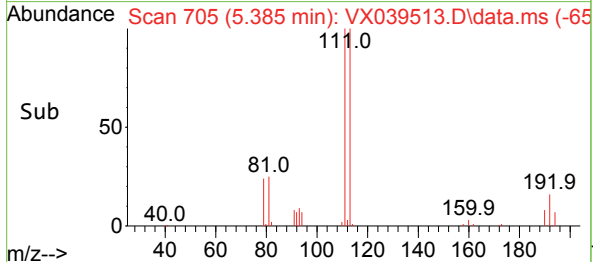
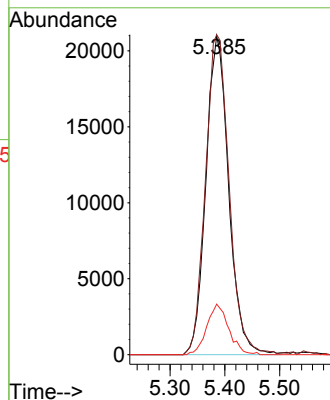
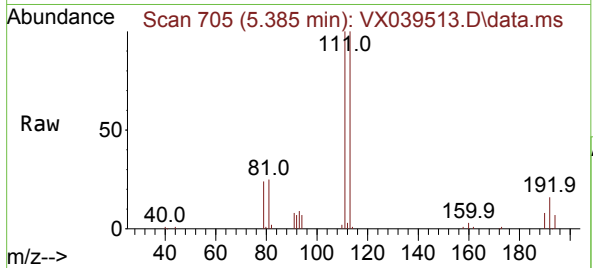




#35
Dibromofluoromethane
Concen: 46.843 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039513.D
Acq: 28 Dec 2023 14:01

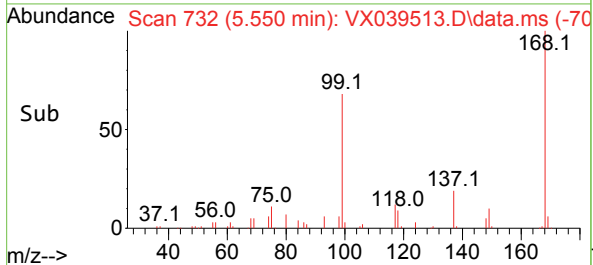
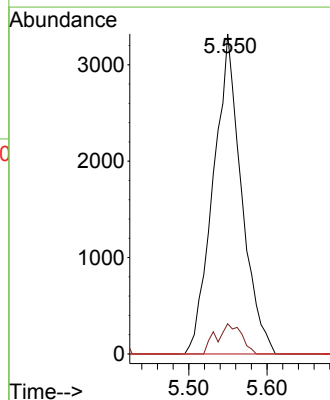
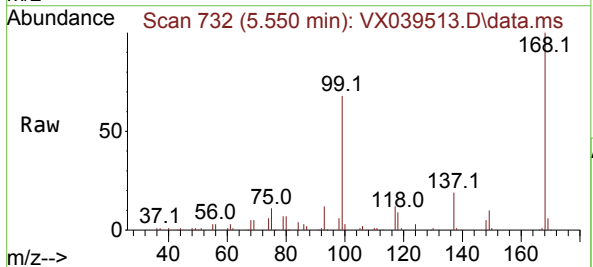
Instrument :
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STORAGE-BLANK-WATER-REF-5

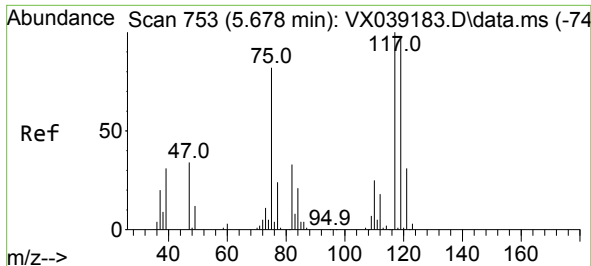
Tgt Ion:113 Resp: 60486
Ion Ratio Lower Upper
113 100
111 104.2 82.9 124.3
192 15.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.076 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX039513.D
Acq: 28 Dec 2023 14:01

Tgt Ion: 75 Resp: 8305
Ion Ratio Lower Upper
75 100
110 8.4 17.0 50.9#
77 0.0 24.7 37.1#

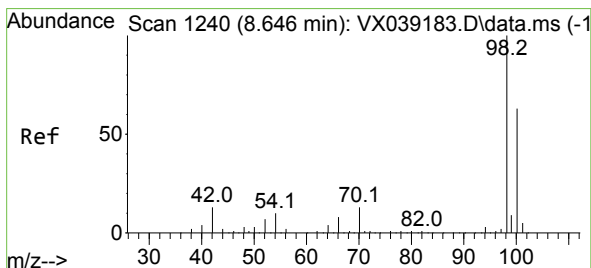
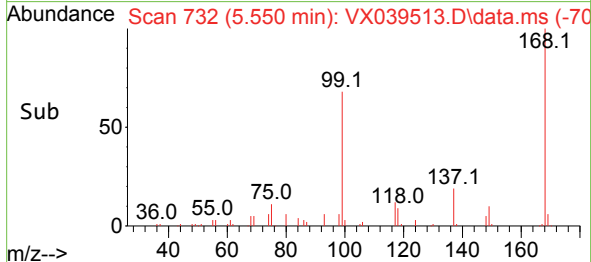
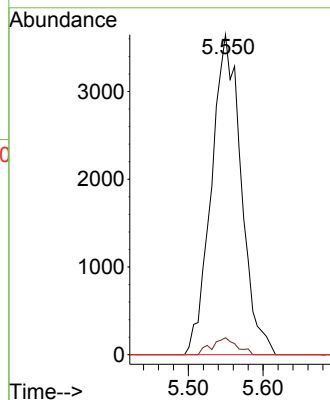
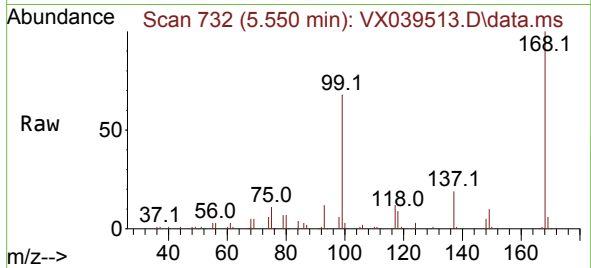




#38
Carbon Tetrachloride
Concen: 5.203 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX039513.D
Acq: 28 Dec 2023 14:01

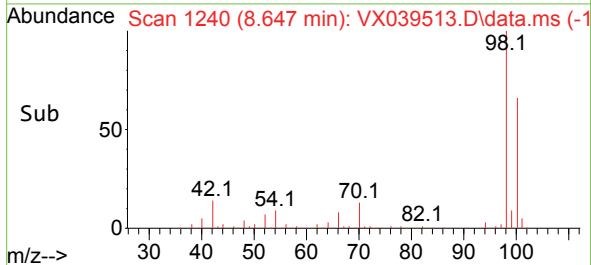
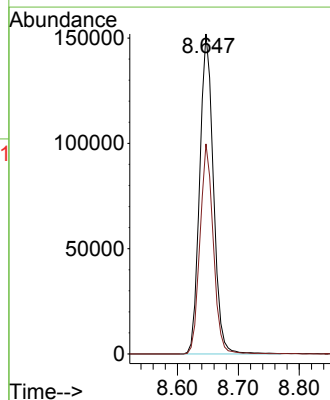
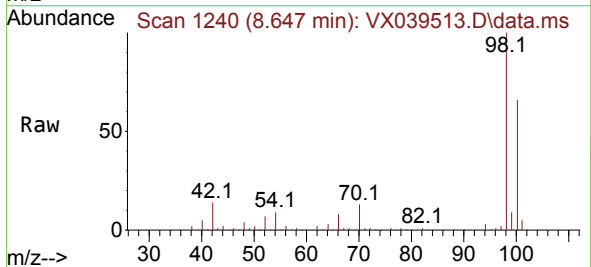
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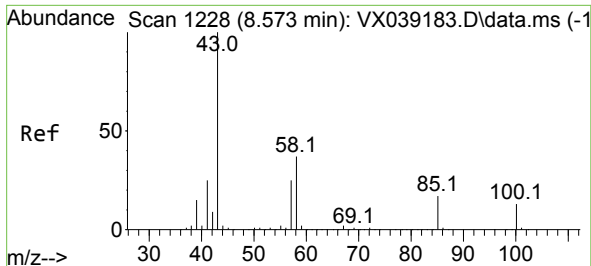
Tgt Ion:117 Resp: 10117
Ion Ratio Lower Upper
117 100
119 5.3 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.618 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039513.D
Acq: 28 Dec 2023 14:01

Tgt Ion: 98 Resp: 237862
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7

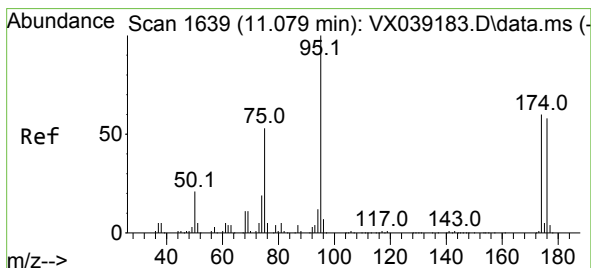
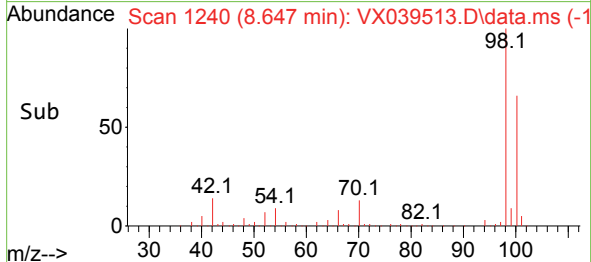
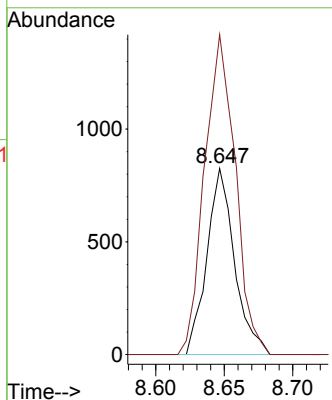
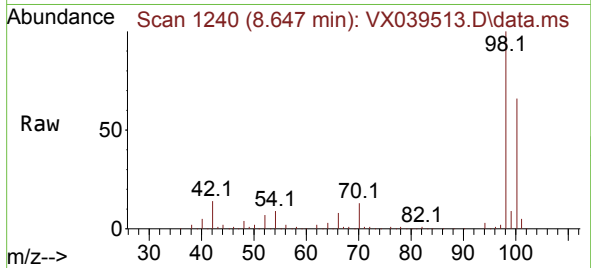




#51
4-Methyl-2-Pentanone
Concen: 0.445 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX039513.D
Acq: 28 Dec 2023 14:01

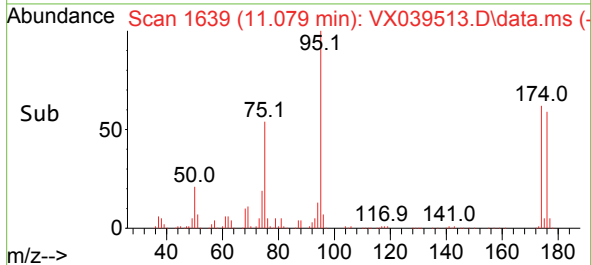
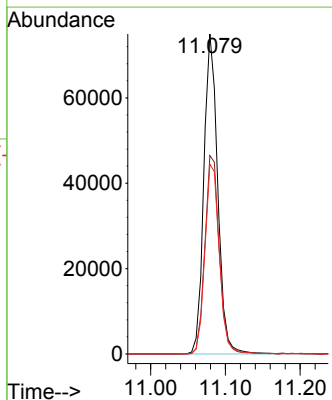
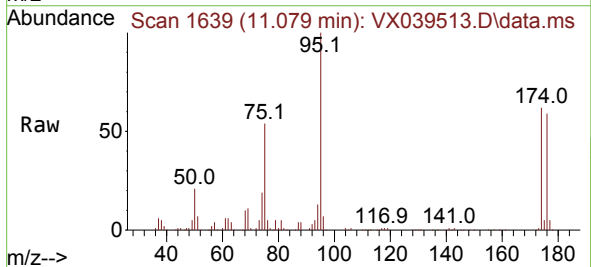
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

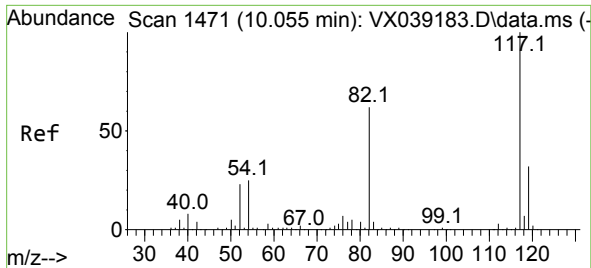
Tgt Ion: 43 Resp: 1161
Ion Ratio Lower Upper
43 100
58 190.7 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 48.762 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039513.D
Acq: 28 Dec 2023 14:01

Tgt Ion: 95 Resp: 96447
Ion Ratio Lower Upper
95 100
174 64.5 0.0 135.6
176 61.5 0.0 131.0

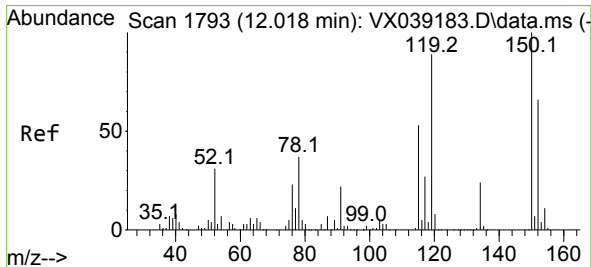
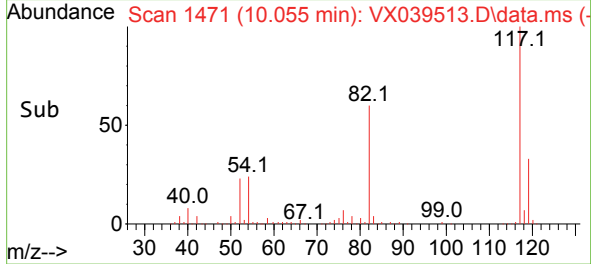
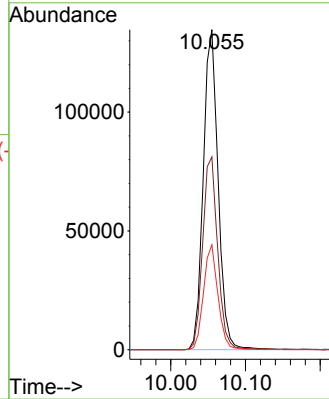
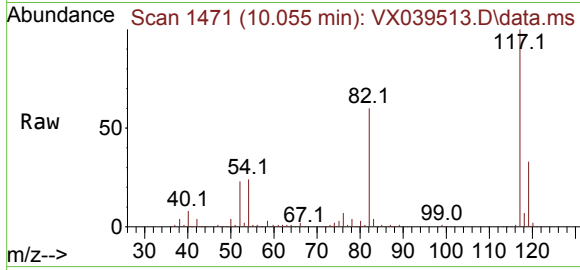




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039513.D
Acq: 28 Dec 2023 14:01

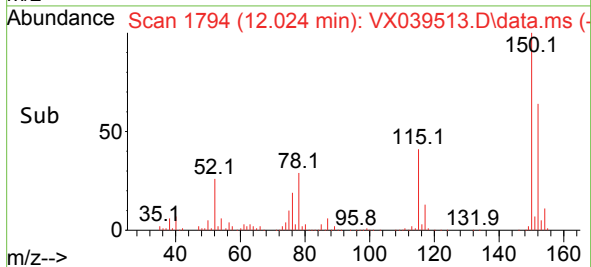
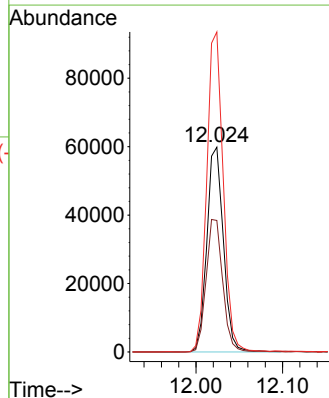
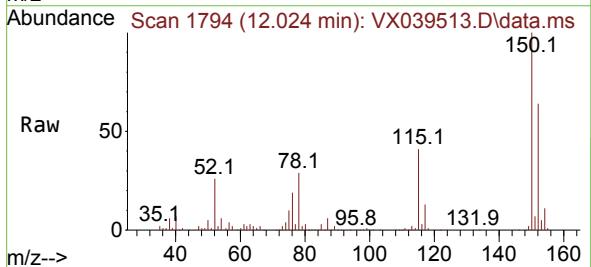
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

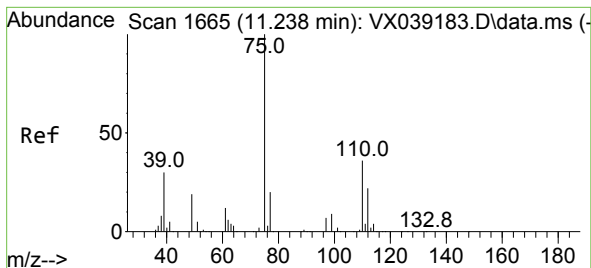
Tgt Ion:117 Resp: 185821
Ion Ratio Lower Upper
117 100
82 60.3 46.2 69.4
119 32.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX039513.D
Acq: 28 Dec 2023 14:01

Tgt Ion:152 Resp: 79464
Ion Ratio Lower Upper
152 100
115 65.2 43.3 129.9
150 155.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.256 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039513.D

Acq: 28 Dec 2023 14:01

Instrument :

MSVOA_X

ClientSampleId :

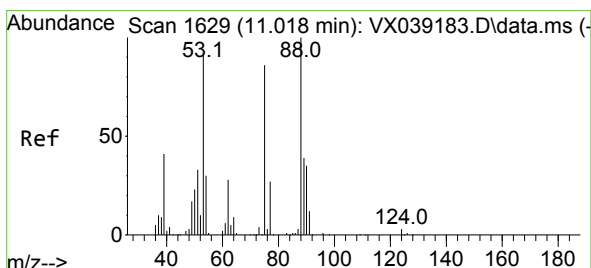
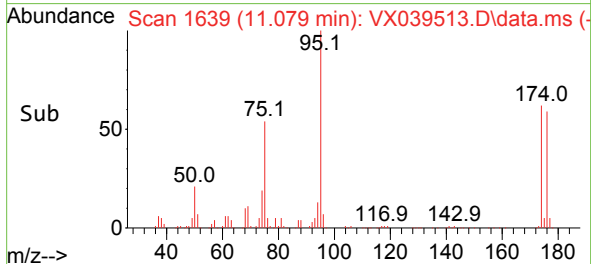
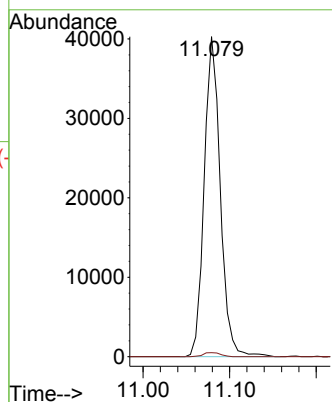
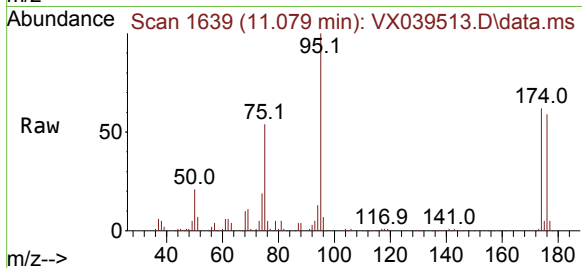
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 75 Resp: 51923

Ion Ratio Lower Upper

75 100

77 1.4 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 71.247 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039513.D

Acq: 28 Dec 2023 14:01

Tgt Ion: 75 Resp: 51923

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

