

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
 Data File : VX045087.D
 Acq On : 28 Feb 2025 14:33
 Operator : JC/MD
 Sample : Q1403-02RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-WATER-REF-5

Quant Time: Feb 28 23:08:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

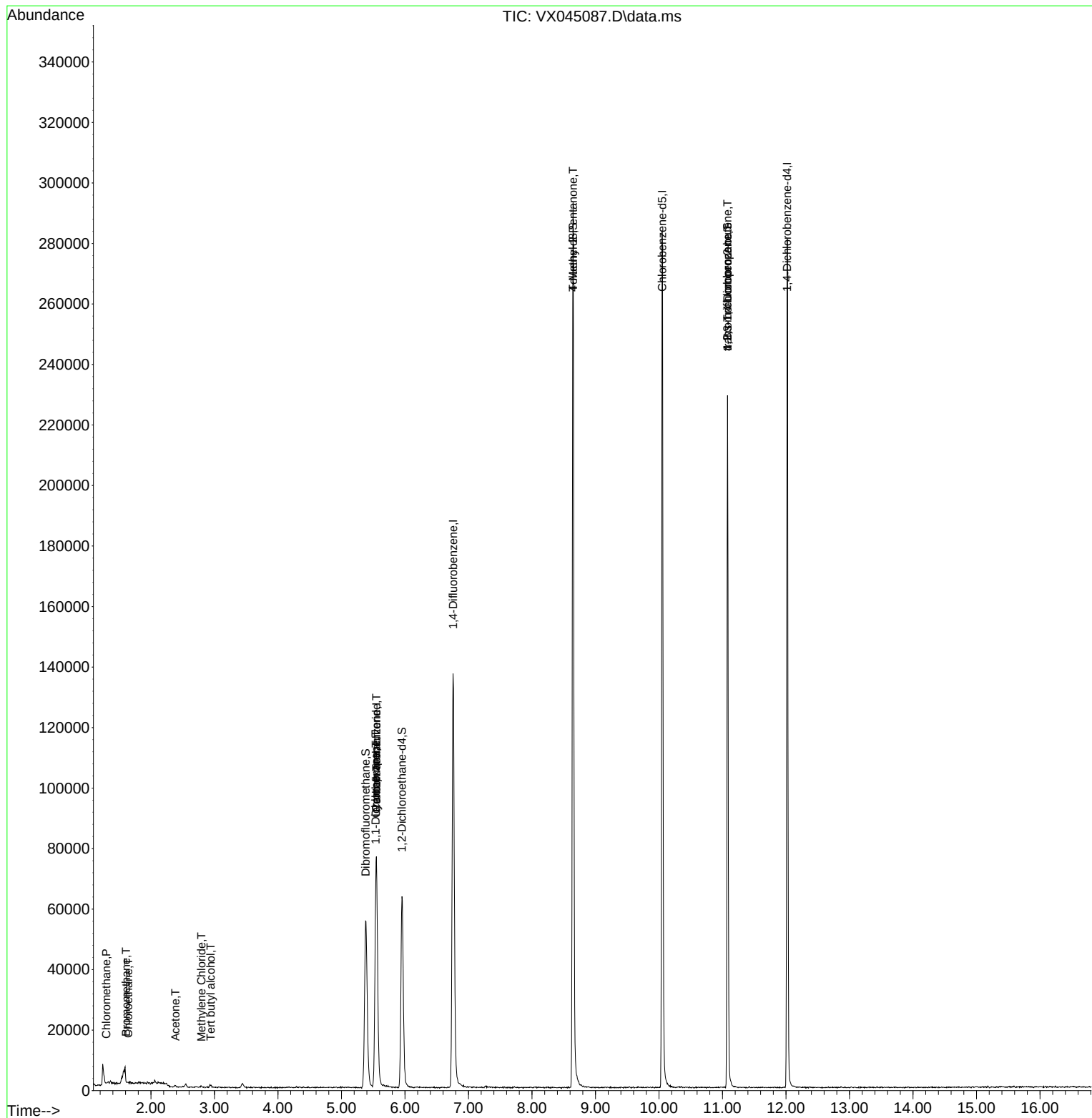
Internal Standards						
1) Pentafluorobenzene	5.550	168	70861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	140925	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	129094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54421	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	58538	51.935	ug/l	0.00
Spiked Amount 50.000	Range	74 - 125	Recovery	=	103.860%	
35) Dibromofluoromethane	5.379	113	48403	51.365	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	102.740%	
50) Toluene-d8	8.647	98	174605	51.110	ug/l	0.00
Spiked Amount 50.000	Range	86 - 113	Recovery	=	102.220%	
62) 4-Bromofluorobenzene	11.079	95	59324	52.404	ug/l	0.00
Spiked Amount 50.000	Range	77 - 121	Recovery	=	104.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	275	0.252	ug/l #	43
5) Bromomethane	1.605	94	129	0.303	ug/l #	3
6) Chloroethane	1.642	64	193	0.386	ug/l #	41
11) Tert butyl alcohol	2.941	59	347	1.625	ug/l #	73
16) Acetone	2.386	43	472	0.903	ug/l	94
20) Methylene Chloride	2.794	84	212	0.205	ug/l #	54
31) Cyclohexane	5.544	56	1677	1.094	ug/l #	1
36) 1,1-Dichloropropene	5.538	75	6155	4.763	ug/l #	52
38) Carbon Tetrachloride	5.550	117	7473	5.696	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	945	0.572	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32505	25.662	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	32505	87.820	ug/l #	6

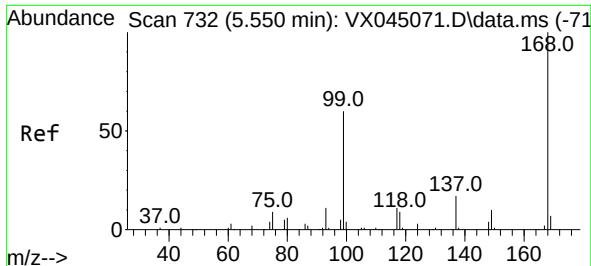
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Storage-Blank-WATER-REF-5

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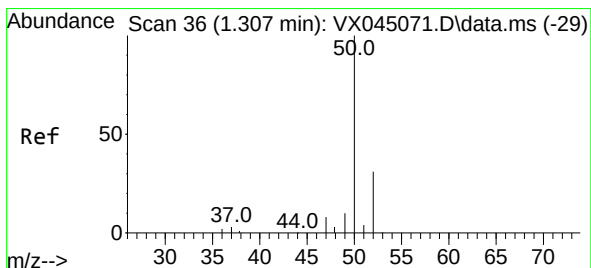
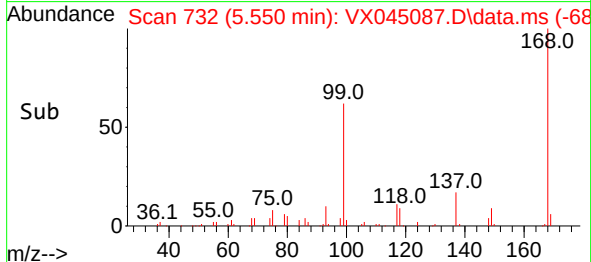
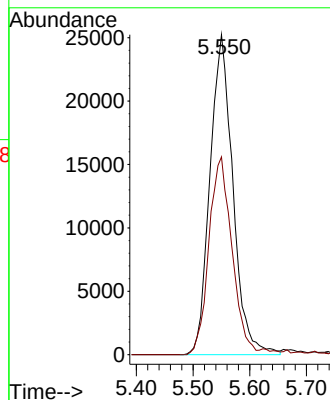
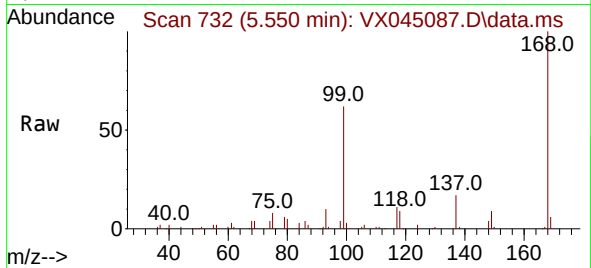




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045087.D
Acq: 28 Feb 2025 14:33

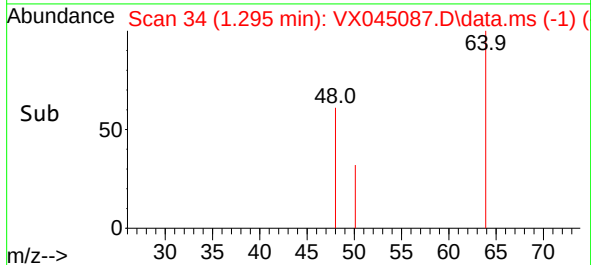
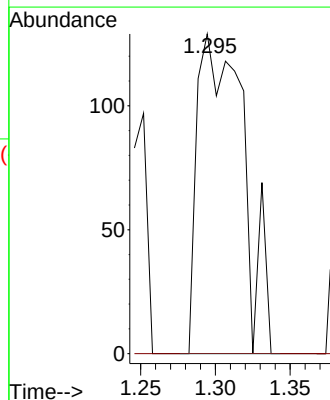
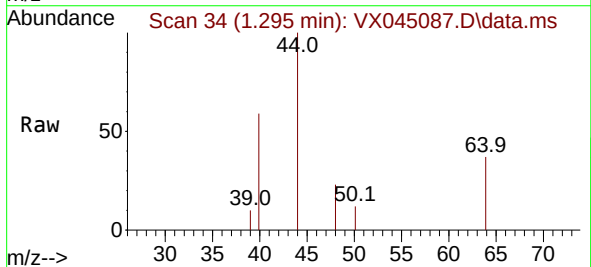
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

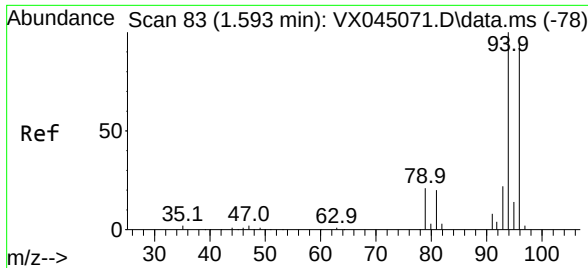
Tgt Ion:168 Resp: 70861
Ion Ratio Lower Upper
168 100
99 61.8 48.2 72.4



#3
Chloromethane
Concen: 0.252 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.012 min
Lab File: VX045087.D
Acq: 28 Feb 2025 14:33

Tgt Ion: 50 Resp: 275
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

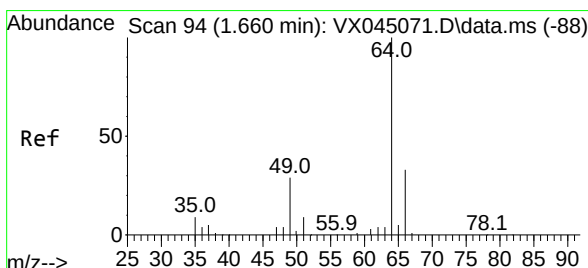
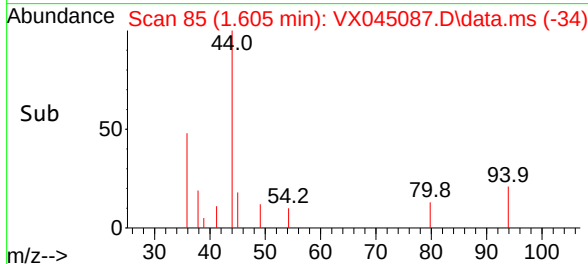
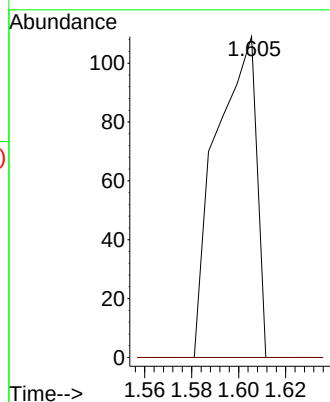
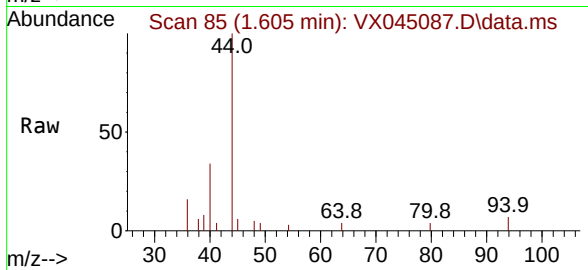




#5
Bromomethane
Concen: 0.303 ug/l
RT: 1.605 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX045087.D
Acq: 28 Feb 2025 14:33

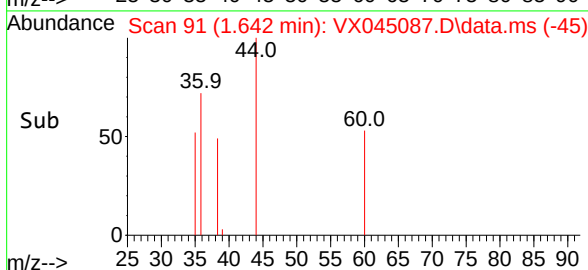
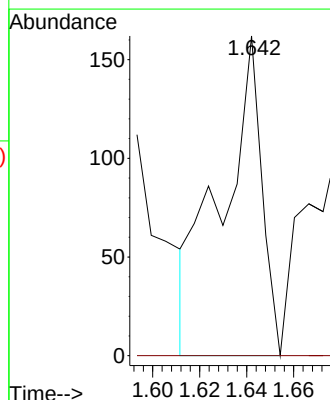
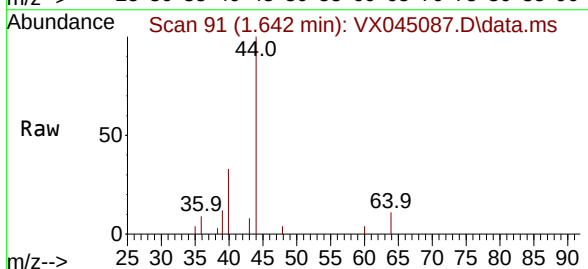
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

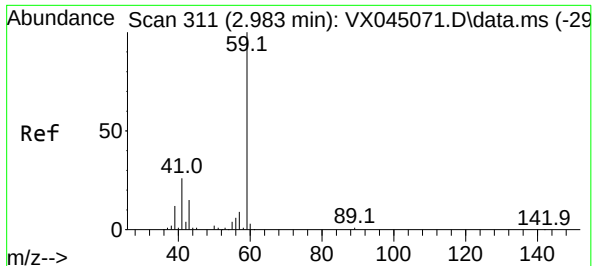
Tgt Ion: 94 Resp: 129
Ion Ratio Lower Upper
94 100
96 0.0 75.0 112.4#



#6
Chloroethane
Concen: 0.386 ug/l
RT: 1.642 min Scan# 91
Delta R.T. -0.018 min
Lab File: VX045087.D
Acq: 28 Feb 2025 14:33

Tgt Ion: 64 Resp: 193
Ion Ratio Lower Upper
64 100
66 0.0 26.7 40.1#





#11

Tert butyl alcohol

Concen: 1.625 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.043 min

Lab File: VX045087.D

Acq: 28 Feb 2025 14:33

Instrument :

MSVOA_X

ClientSampleId :

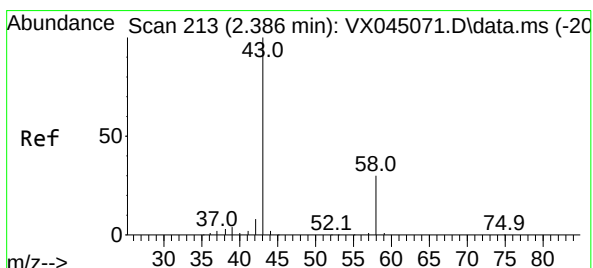
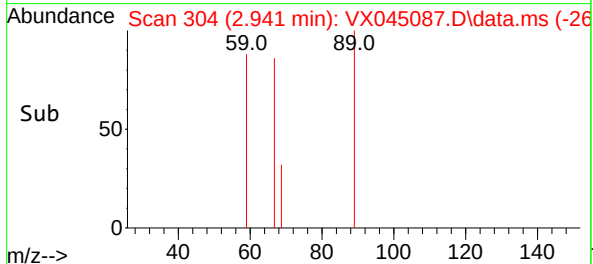
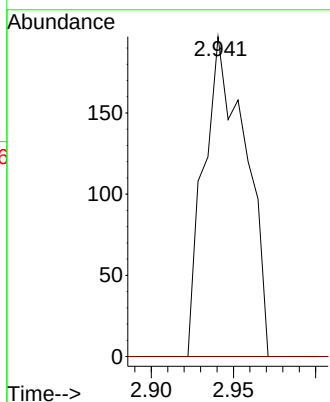
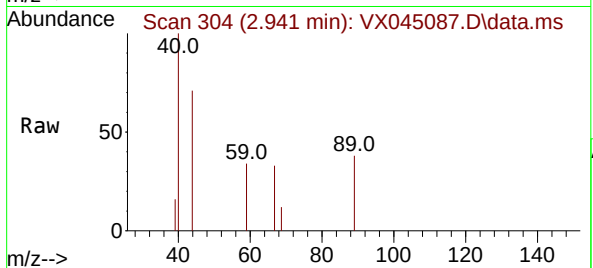
Storage-Blank-WATER-REF-5

Tgt Ion: 59 Resp: 347

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#16

Acetone

Concen: 0.903 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX045087.D

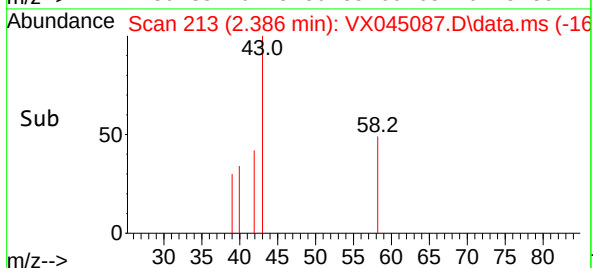
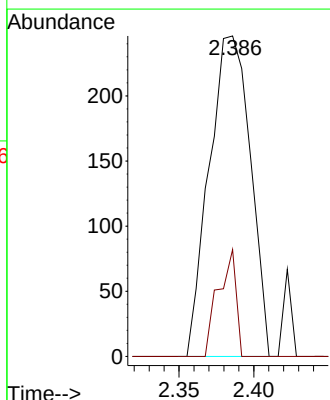
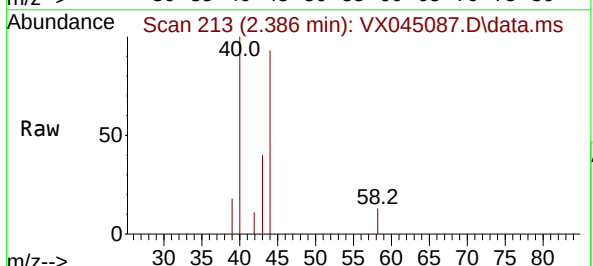
Acq: 28 Feb 2025 14:33

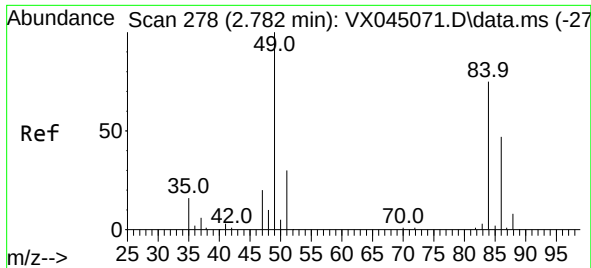
Tgt Ion: 43 Resp: 472

Ion Ratio Lower Upper

43 100

58 33.3 24.2 36.4

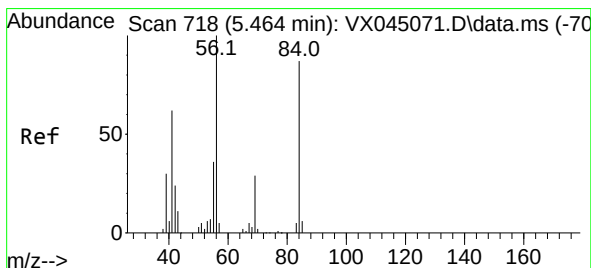
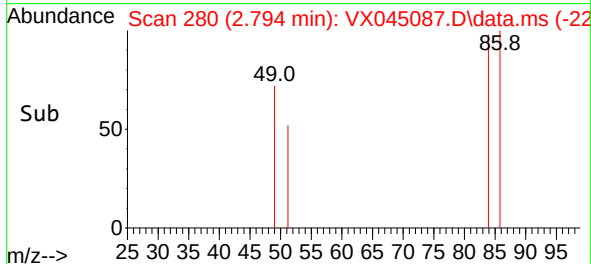
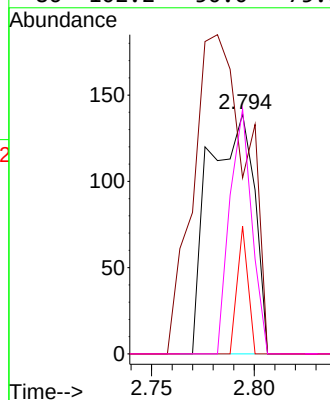
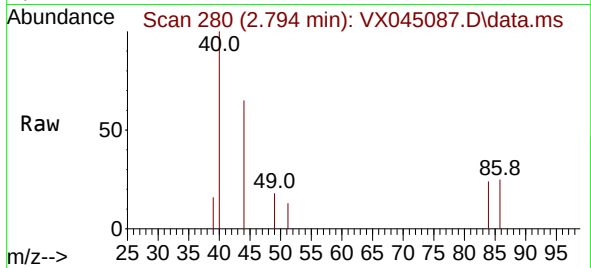




#20
Methylene Chloride
Concen: 0.205 ug/l
RT: 2.794 min Scan# 212
Delta R.T. 0.012 min
Lab File: VX045087.D
Acq: 28 Feb 2025 14:33

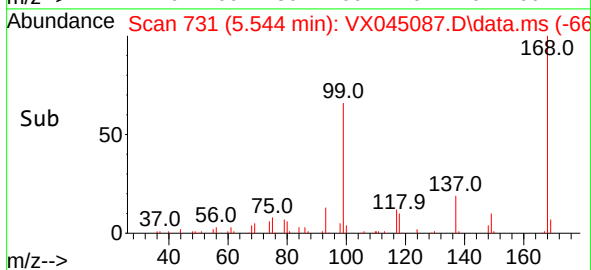
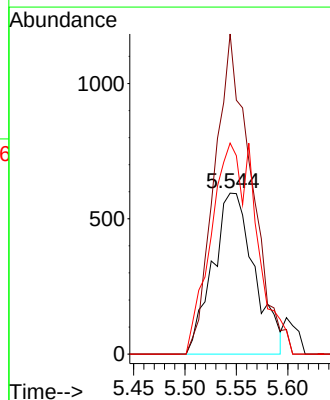
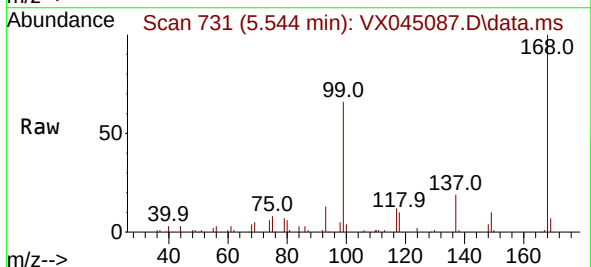
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

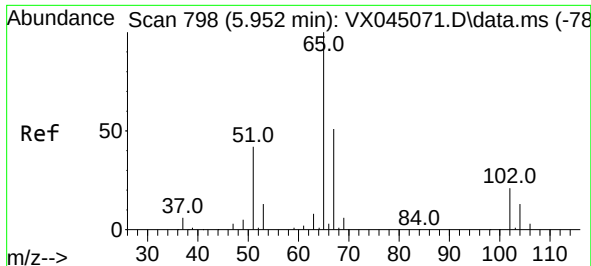
Tgt Ion:	84	Resp:	212
Ion	Ratio	Lower	Upper
84	100		
49	73.4	106.5	159.7#
51	53.2	32.1	48.1#
86	102.2	50.0	75.0#



#31
Cyclohexane
Concen: 1.094 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX045087.D
Acq: 28 Feb 2025 14:33

Tgt Ion:	56	Resp:	1677
Ion	Ratio	Lower	Upper
56	100		
69	198.8	23.4	35.2#
84	131.1	69.4	104.2#





#33

1,2-Dichloroethane-d4

Concen: 51.935 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045087.D

Acq: 28 Feb 2025 14:33

Instrument :

MSVOA_X

ClientSampleId :

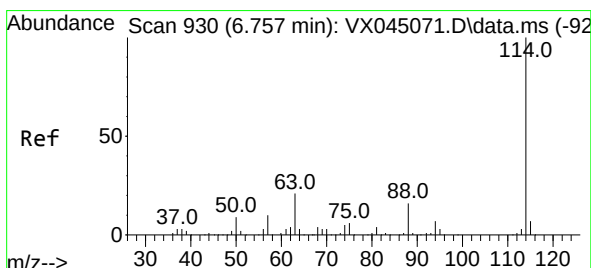
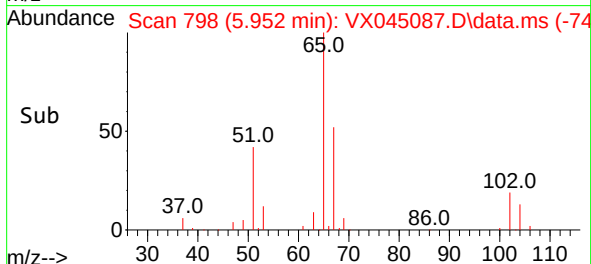
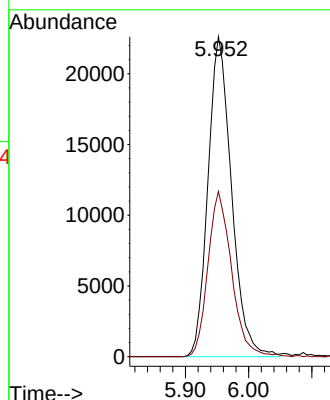
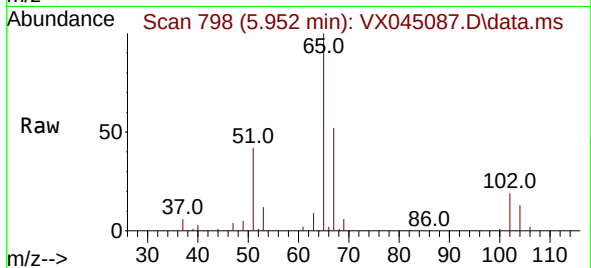
Storage-Blank-WATER-REF-5

Tgt Ion: 65 Resp: 58538

Ion Ratio Lower Upper

65 100

67 51.8 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045087.D

Acq: 28 Feb 2025 14:33

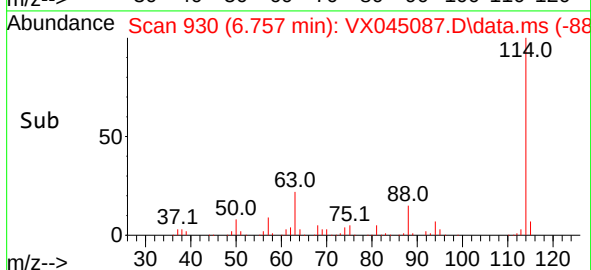
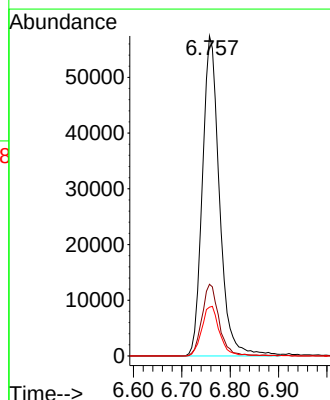
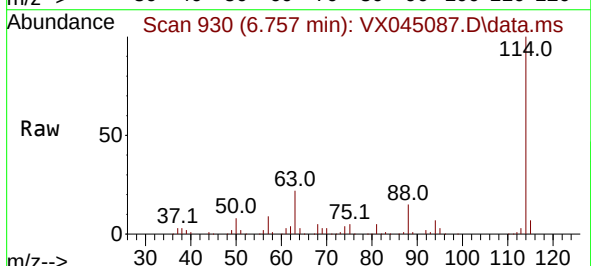
Tgt Ion: 114 Resp: 140925

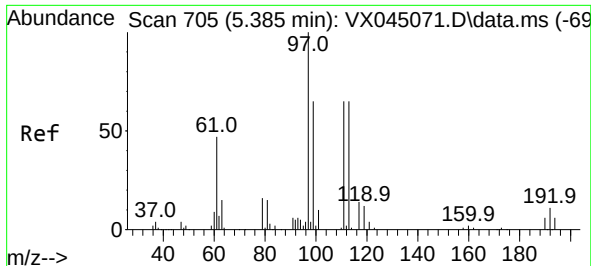
Ion Ratio Lower Upper

114 100

63 22.4 0.0 41.8

88 15.2 0.0 32.8

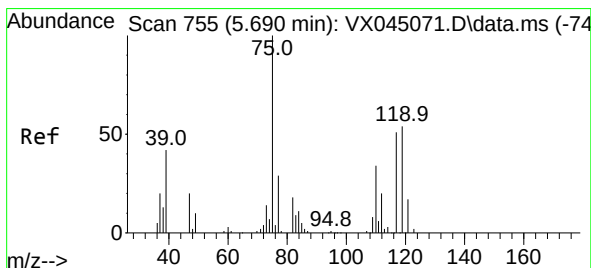
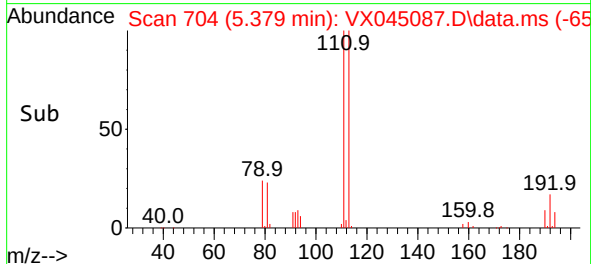
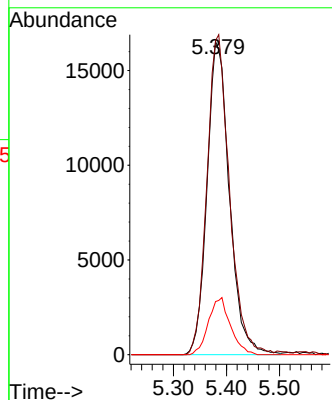
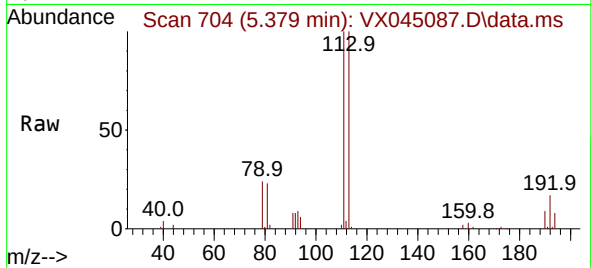




#35
Dibromofluoromethane
Concen: 51.365 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045087.D
Acq: 28 Feb 2025 14:33

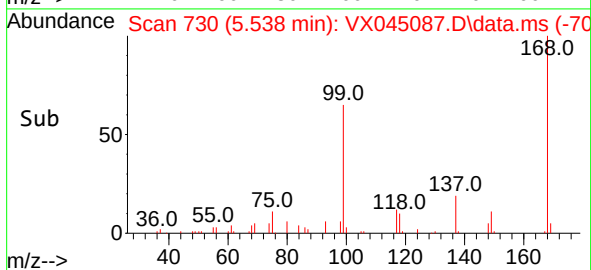
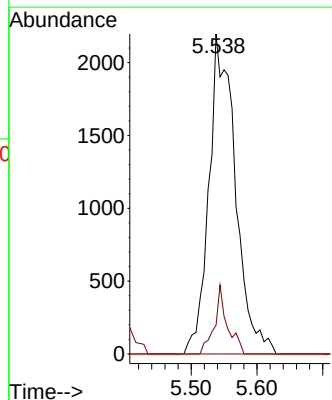
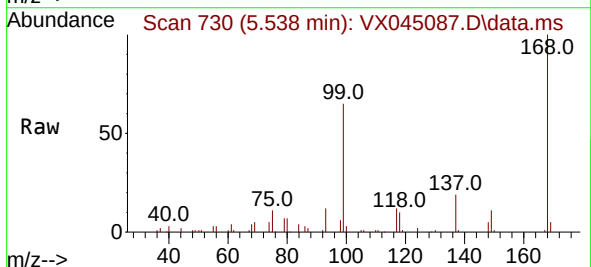
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

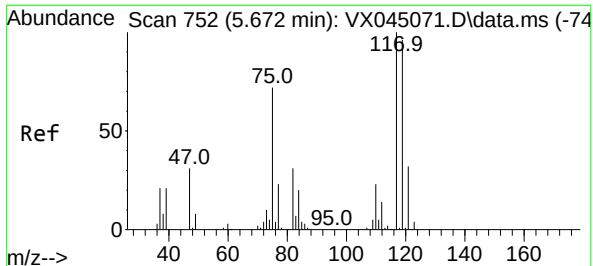
Tgt Ion:113 Resp: 48403
Ion Ratio Lower Upper
113 100
111 103.0 81.8 122.6
192 17.9 14.3 21.5



#36
1,1-Dichloropropene
Concen: 4.763 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.152 min
Lab File: VX045087.D
Acq: 28 Feb 2025 14:33

Tgt Ion: 75 Resp: 6155
Ion Ratio Lower Upper
75 100
110 10.4 16.9 50.6#
77 0.0 24.5 36.7#

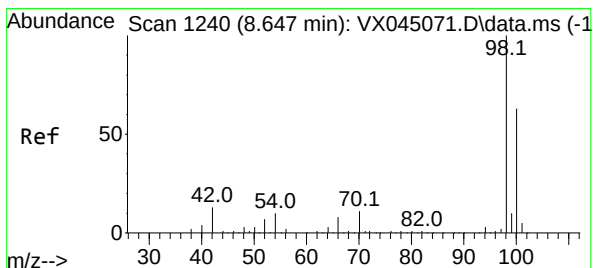
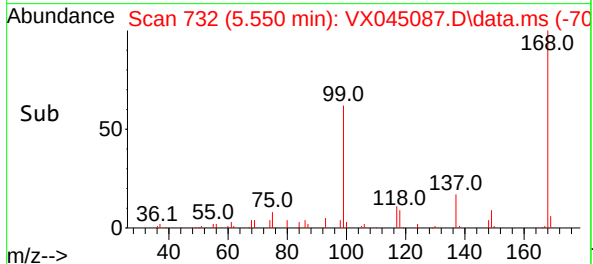
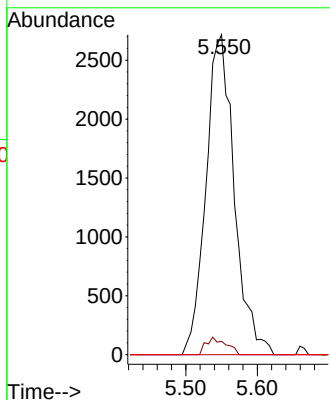
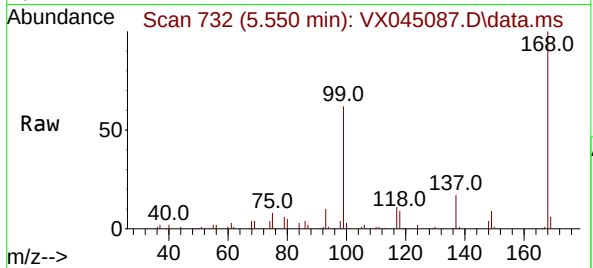




#38
Carbon Tetrachloride
Concen: 5.696 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX045087.D
Acq: 28 Feb 2025 14:33

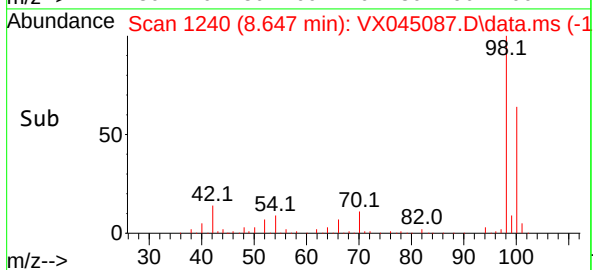
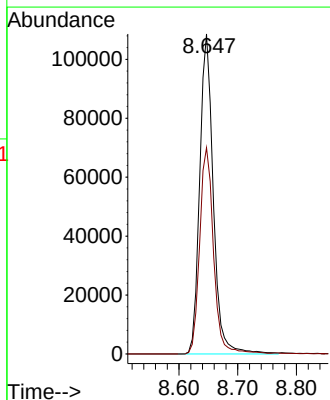
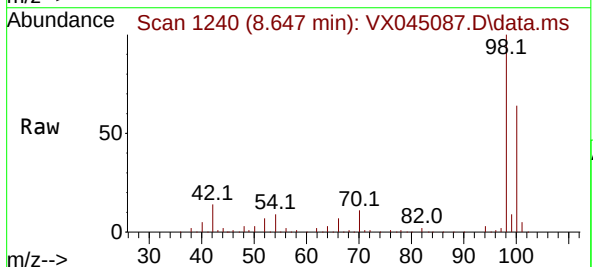
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

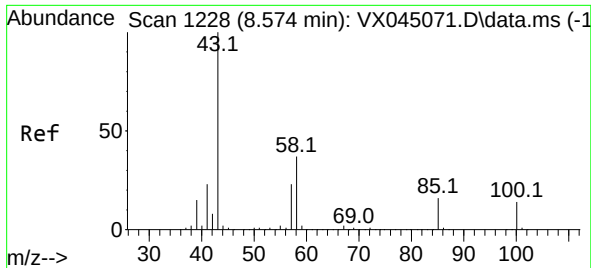
Tgt Ion:117 Resp: 7473
Ion Ratio Lower Upper
117 100
119 4.2 76.7 115.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 51.110 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045087.D
Acq: 28 Feb 2025 14:33

Tgt Ion: 98 Resp: 174605
Ion Ratio Lower Upper
98 100
100 65.9 52.0 78.0

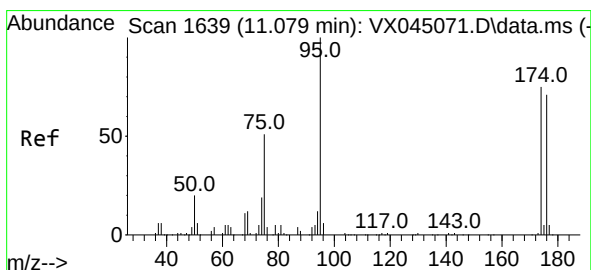
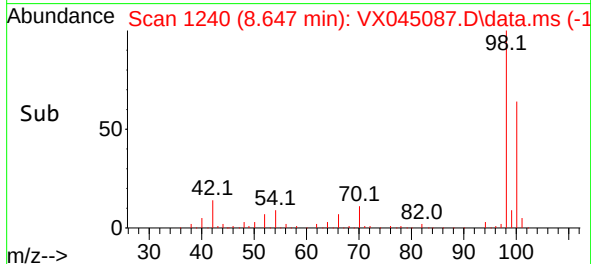
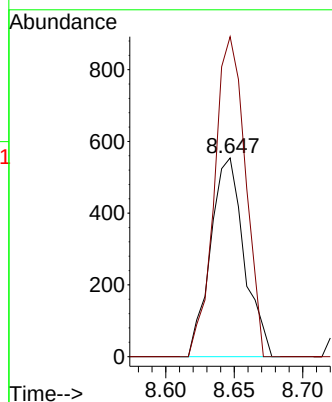
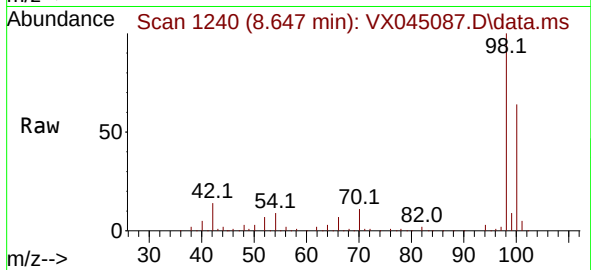




#51
 4-Methyl-2-Pentanone
 Concen: 0.572 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.073 min
 Lab File: VX045087.D
 Acq: 28 Feb 2025 14:33

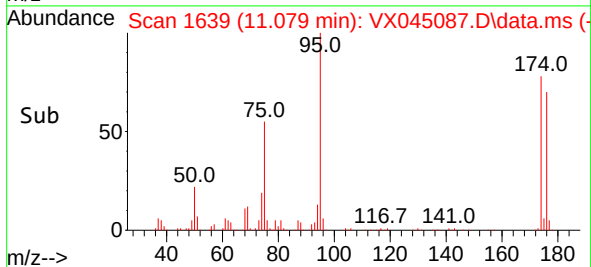
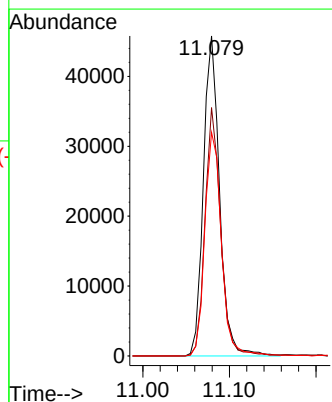
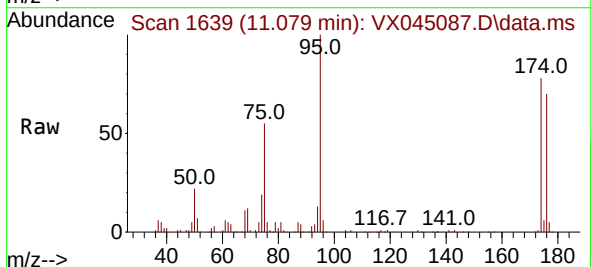
Instrument : MSVOA_X
 ClientSampleId :
 Storage-Blank-WATER-REF-5

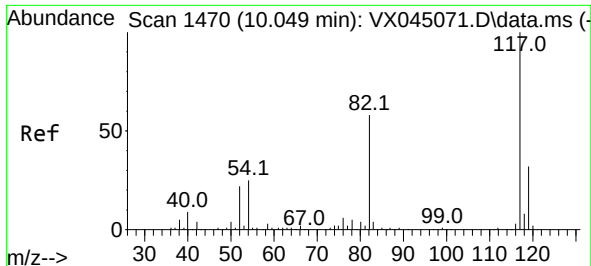
Tgt Ion: 43 Resp: 945
 Ion Ratio Lower Upper
 43 100
 58 148.4 29.2 43.8#



#62
 4-Bromofluorobenzene
 Concen: 52.404 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VX045087.D
 Acq: 28 Feb 2025 14:33

Tgt Ion: 95 Resp: 59324
 Ion Ratio Lower Upper
 95 100
 174 75.4 0.0 148.2
 176 72.1 0.0 141.4

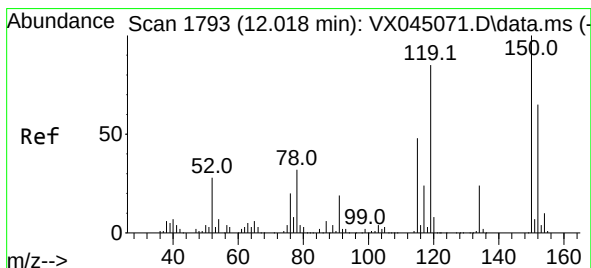
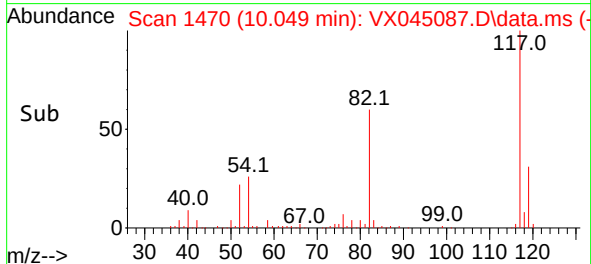
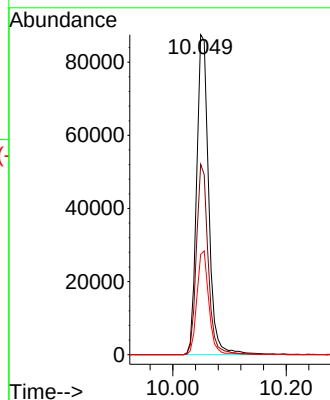
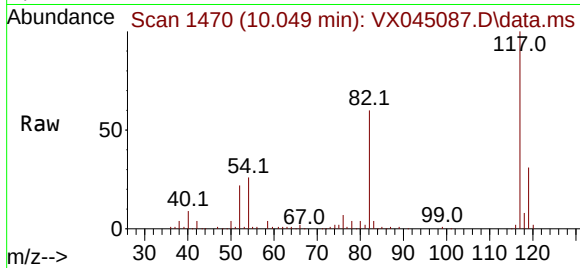




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045087.D
Acq: 28 Feb 2025 14:33

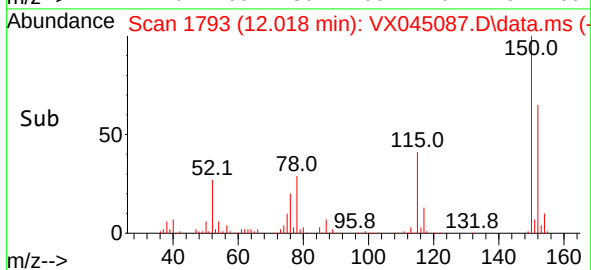
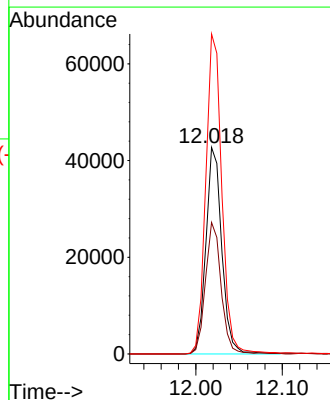
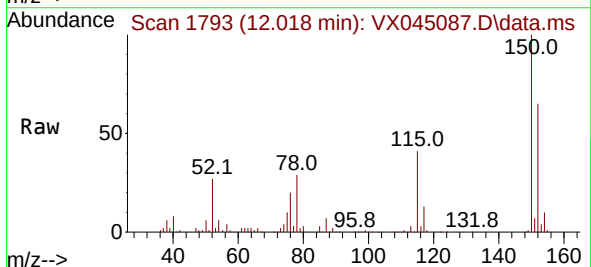
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

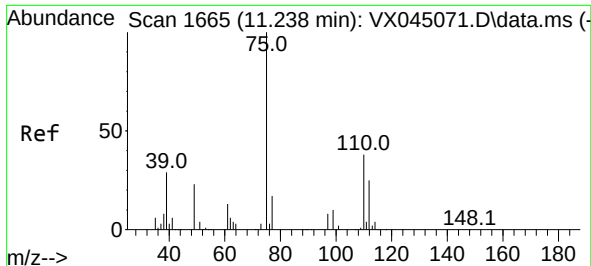
Tgt Ion:117 Resp: 129094
Ion Ratio Lower Upper
117 100
82 59.5 46.3 69.5
119 31.4 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045087.D
Acq: 28 Feb 2025 14:33

Tgt Ion:152 Resp: 54421
Ion Ratio Lower Upper
152 100
115 63.0 44.2 132.6
150 156.9 0.0 349.0

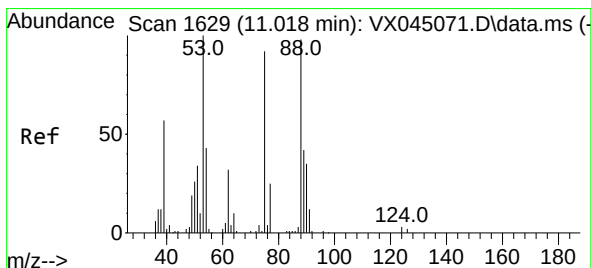
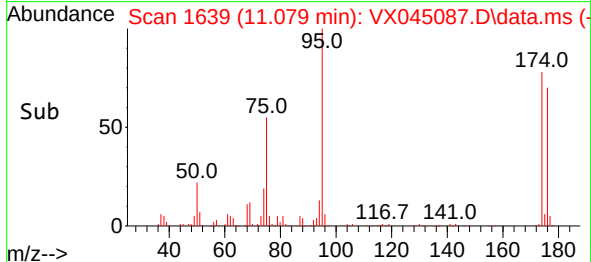
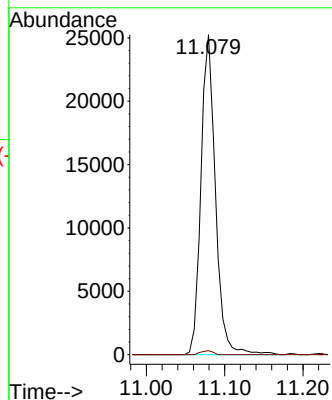
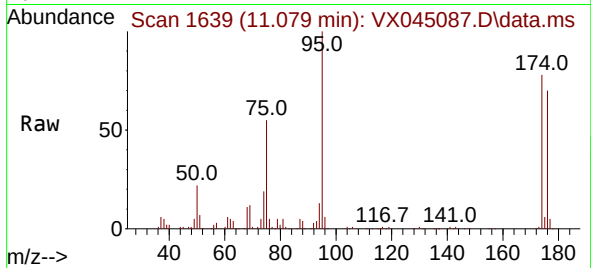




#76
1,2,3-Trichloropropane
Concen: 25.662 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX045087.D
Acq: 28 Feb 2025 14:33

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

Tgt Ion: 75 Resp: 32505
Ion Ratio Lower Upper
75 100
77 1.0 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.820 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045087.D
Acq: 28 Feb 2025 14:33

Tgt Ion: 75 Resp: 32505
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.2 36.2 54.4#

