

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071825\
 Data File : VX047044.D
 Acq On : 18 Jul 2025 13:14
 Operator : JC/MD
 Sample : Q2581-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jul 19 04:23:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	443973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	785861	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	728497	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	343680	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	309148	52.708	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.420%
35) Dibromofluoromethane	5.397	113	257403	48.253	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.500%
50) Toluene-d8	8.653	98	942999	50.103	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.200%
62) 4-Bromofluorobenzene	11.079	95	374510	52.356	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.720%

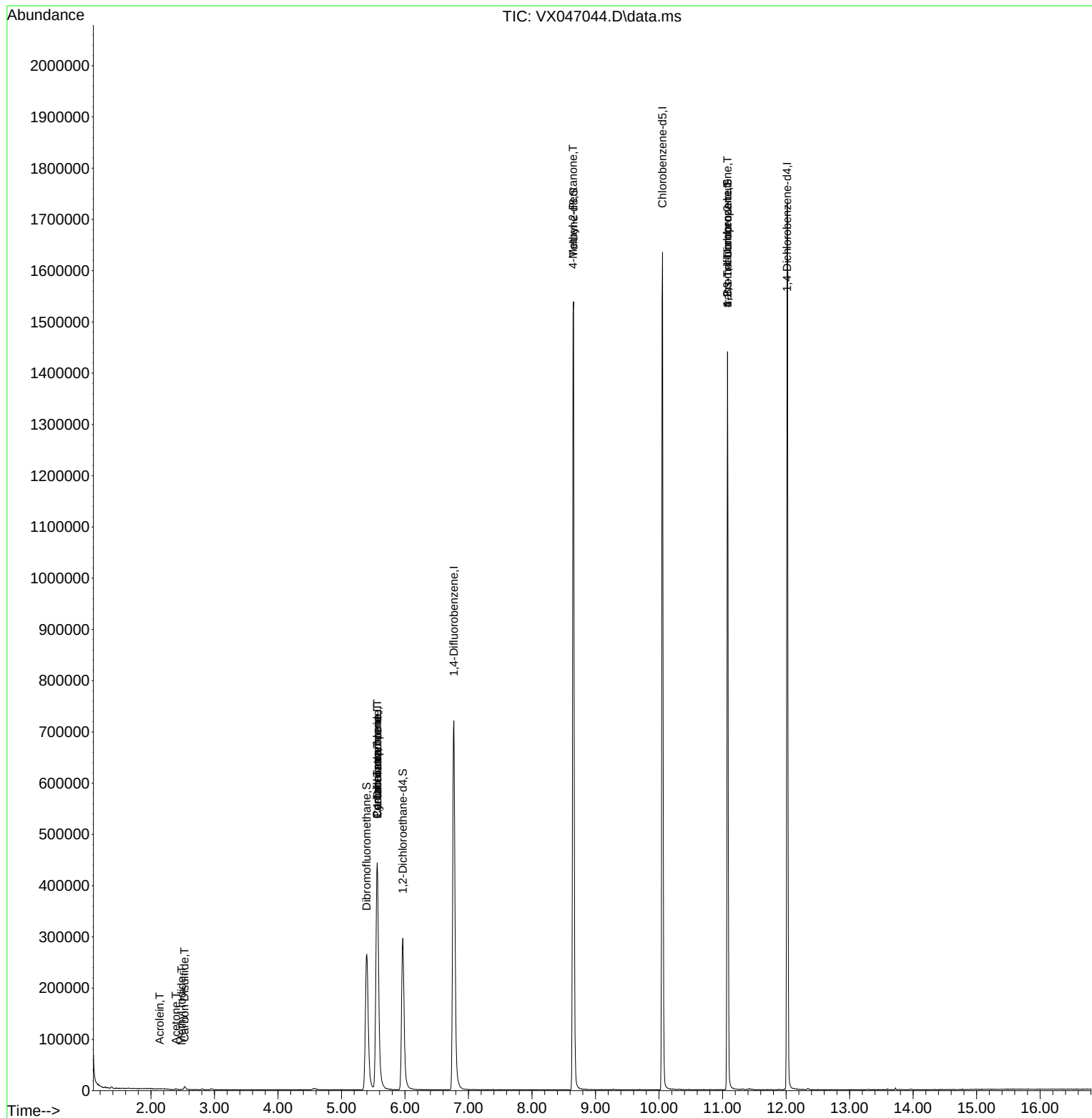
Target Compounds					Qvalue	
10) Methyl Iodide	2.483	142	1661	0.306	ug/l #	93
13) Acrolein	2.136	56	22	2.886	ug/l #	1
16) Acetone	2.392	43	2061	1.131	ug/l #	61
17) Carbon Disulfide	2.526	76	5100	0.404	ug/l	98
31) Cyclohexane	5.562	56	9932	1.185	ug/l #	5
36) 1,1-Dichloropropene	5.562	75	36518	5.074	ug/l #	51
38) Carbon Tetrachloride	5.562	117	47288	6.215	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	4727	0.853	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	196191	36.945	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	196191	99.142	ug/l #	8

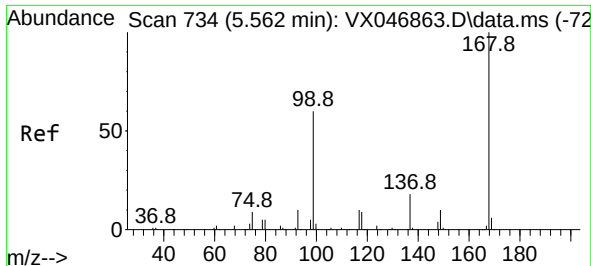
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071825\
Data File : VX047044.D
Acq On : 18 Jul 2025 13:14
Operator : JC/MD
Sample : Q2581-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jul 19 04:23:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

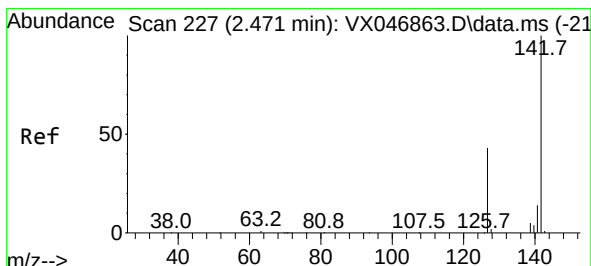
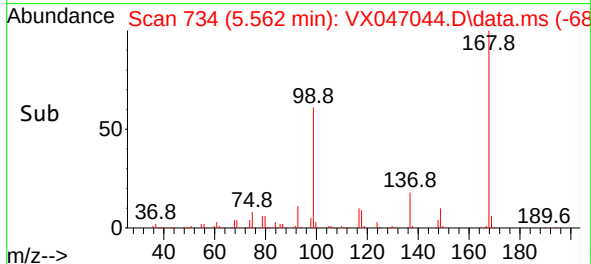
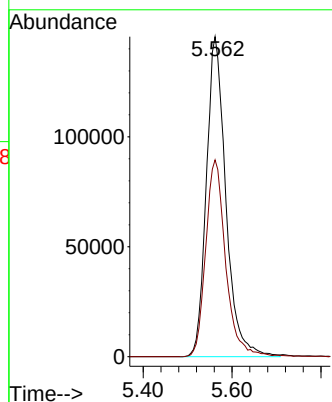
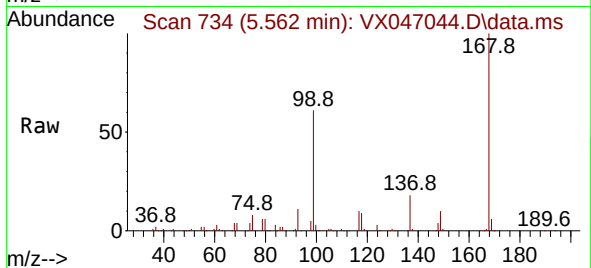




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047044.D
Acq: 18 Jul 2025 13:14

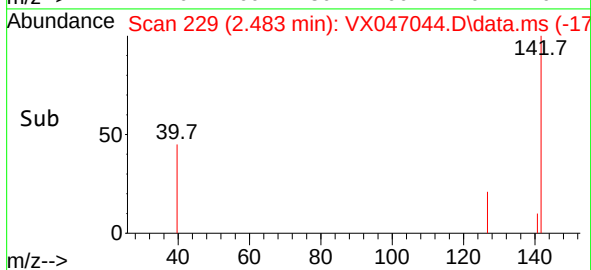
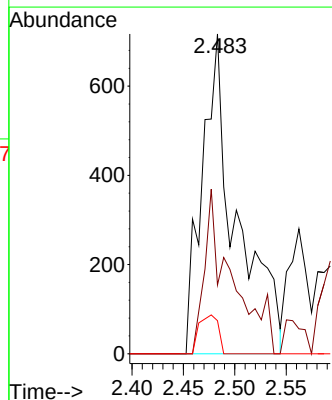
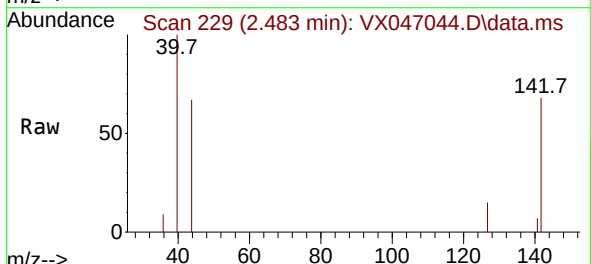
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

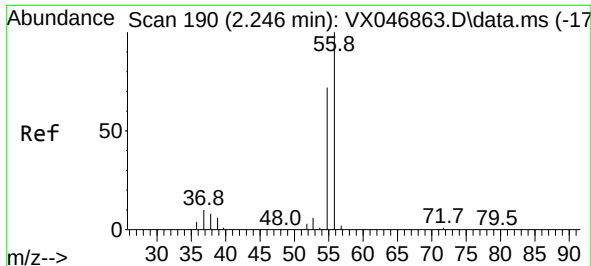
Tgt Ion:168 Resp: 443973
Ion Ratio Lower Upper
168 100
99 61.5 48.8 73.2



#10
Methyl Iodide
Concen: 0.306 ug/l
RT: 2.483 min Scan# 229
Delta R.T. 0.012 min
Lab File: VX047044.D
Acq: 18 Jul 2025 13:14

Tgt Ion:142 Resp: 1661
Ion Ratio Lower Upper
142 100
127 41.4 34.9 52.3
141 6.8 11.1 16.7#





#13

Acrolein

Concen: 2.886 ug/l

RT: 2.136 min Scan# 11

Delta R.T. -0.110 min

Lab File: VX047044.D

Acq: 18 Jul 2025 13:14

Instrument :

MSVOA_X

ClientSampleId :

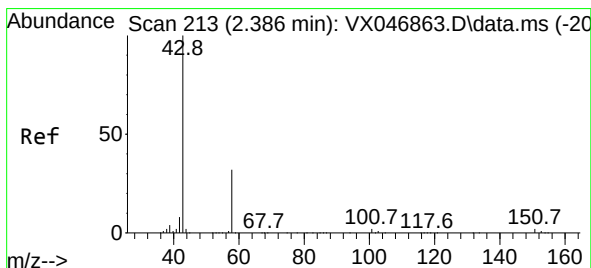
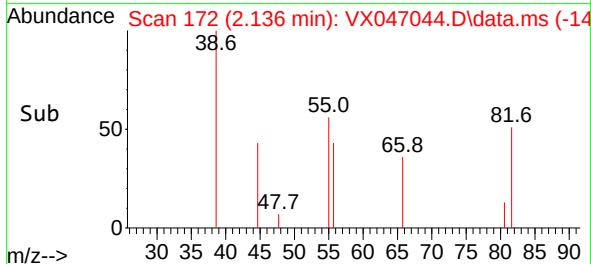
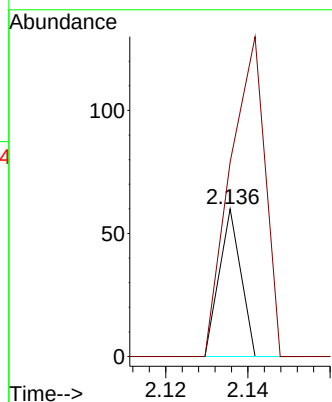
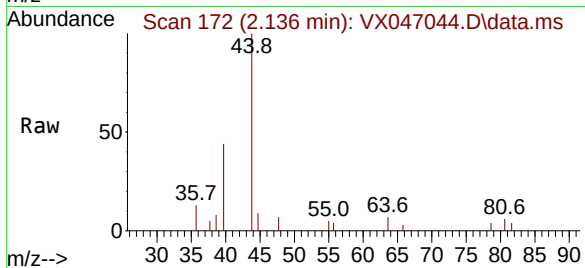
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 56 Resp: 22

Ion Ratio Lower Upper

56 100

55 345.5 55.5 83.3#



#16

Acetone

Concen: 1.131 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX047044.D

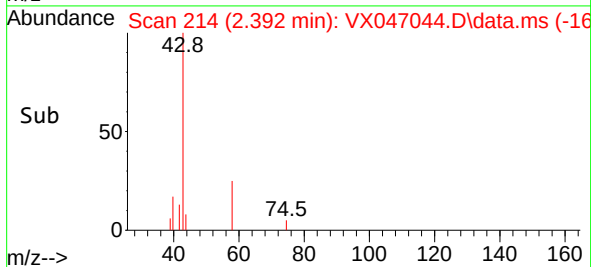
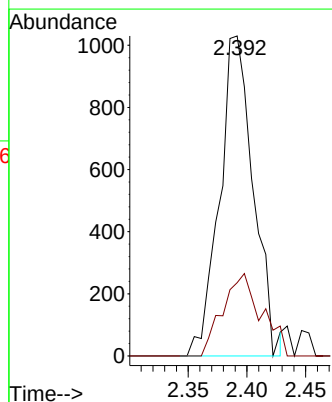
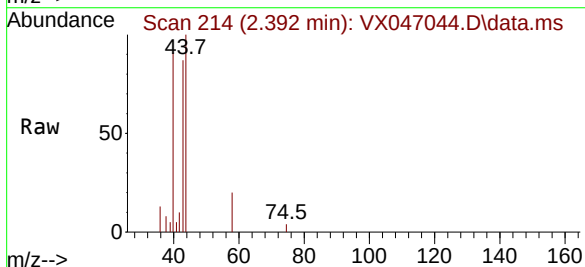
Acq: 18 Jul 2025 13:14

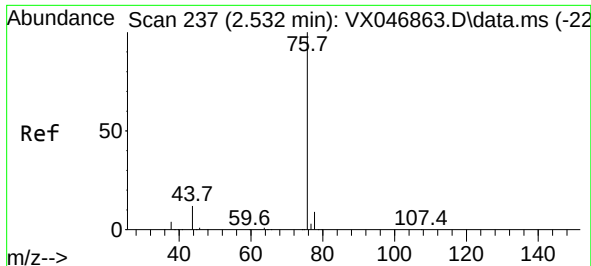
Tgt Ion: 43 Resp: 2061

Ion Ratio Lower Upper

43 100

58 10.7 25.8 38.6#

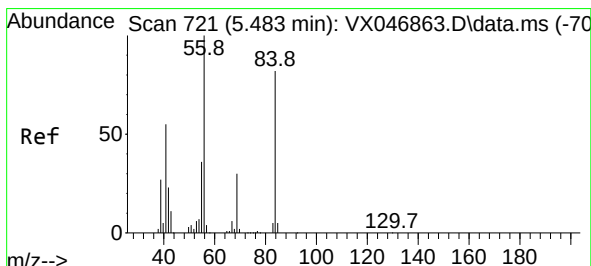
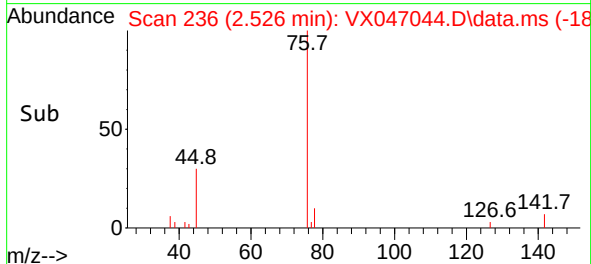
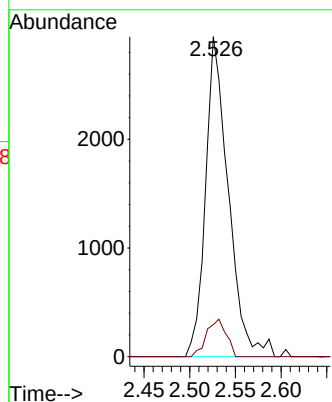
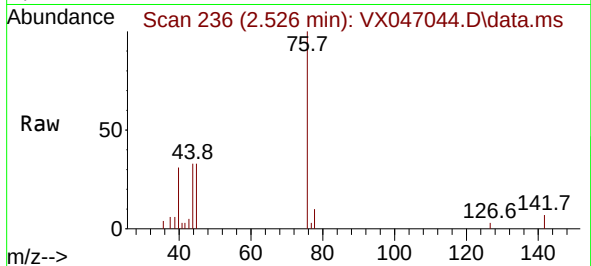




#17
Carbon Disulfide
Concen: 0.404 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047044.D
Acq: 18 Jul 2025 13:14

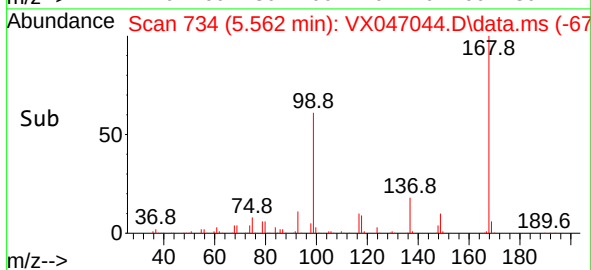
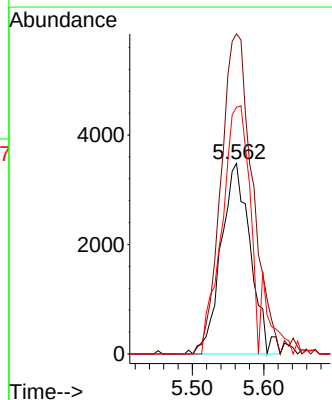
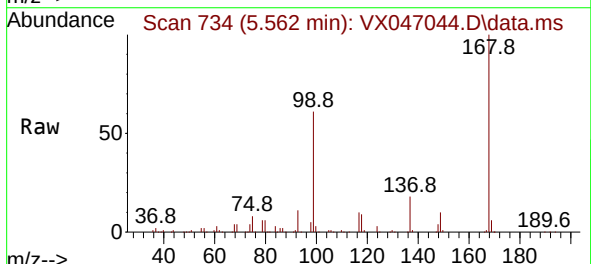
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

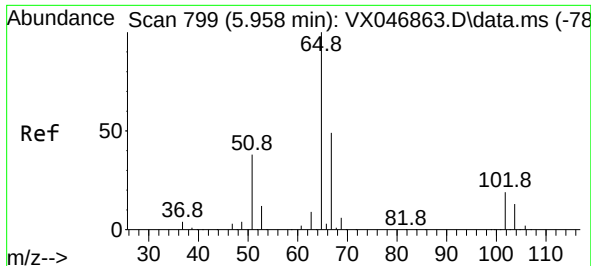
Tgt Ion: 76 Resp: 5100
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.2



#31
Cyclohexane
Concen: 1.185 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX047044.D
Acq: 18 Jul 2025 13:14

Tgt Ion: 56 Resp: 9932
Ion Ratio Lower Upper
56 100
69 158.5 24.0 36.0#
84 122.2 66.5 99.7#

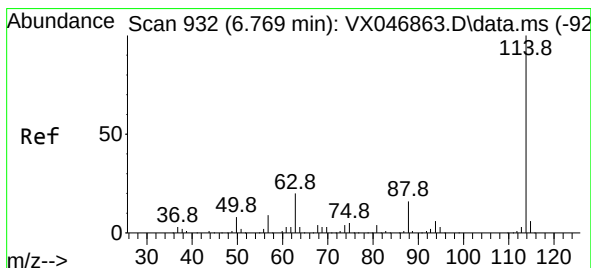
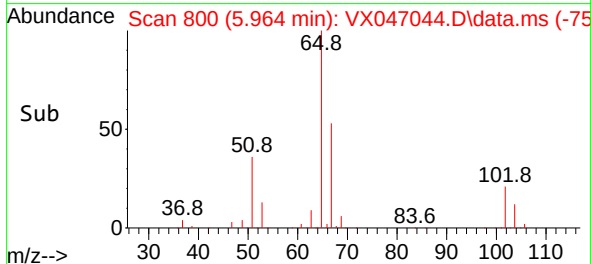
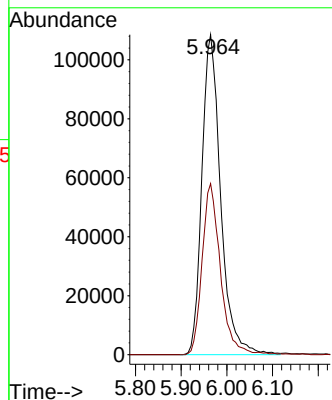
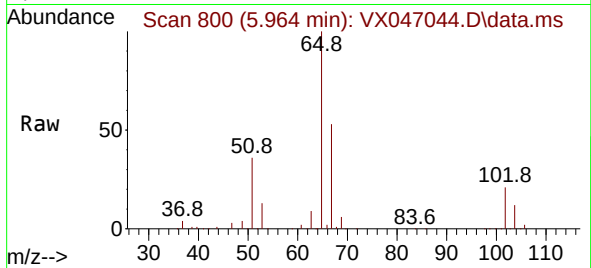




#33
1,2-Dichloroethane-d4
Concen: 52.708 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX047044.D
Acq: 18 Jul 2025 13:14

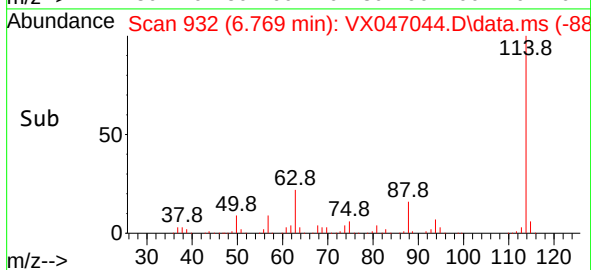
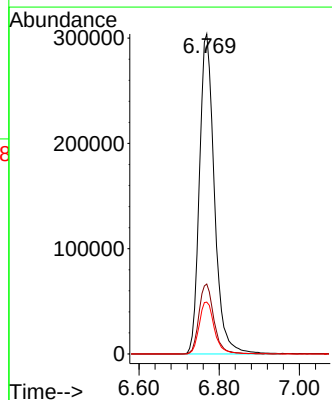
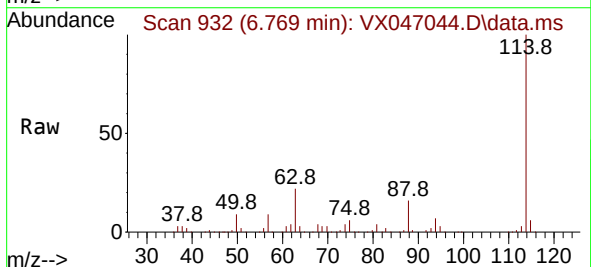
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

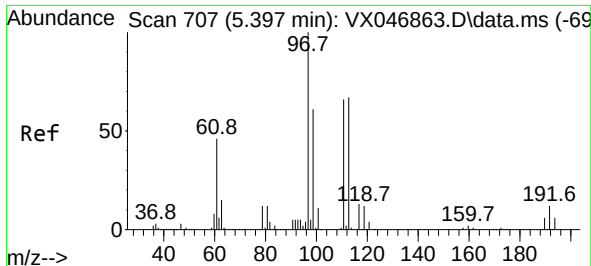
Tgt Ion: 65 Resp: 309148
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX047044.D
Acq: 18 Jul 2025 13:14

Tgt Ion: 114 Resp: 785861
Ion Ratio Lower Upper
114 100
63 21.9 0.0 40.4
88 16.2 0.0 31.0

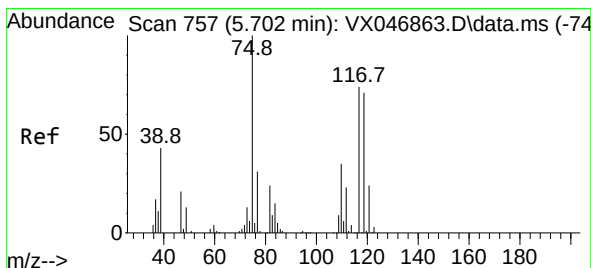
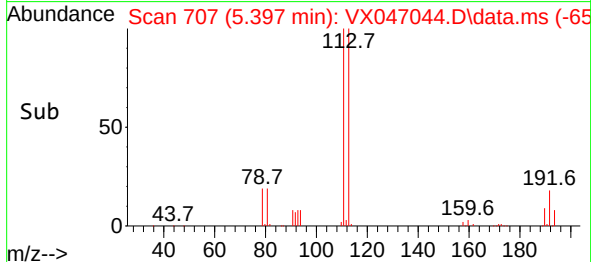
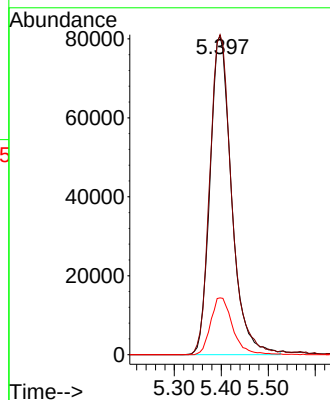
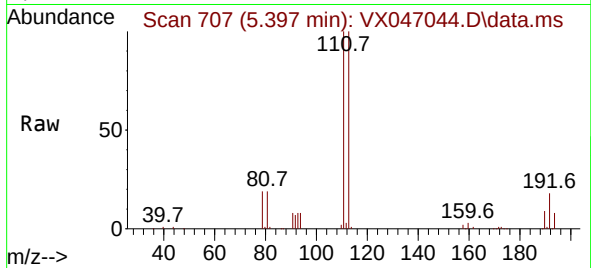




#35
Dibromofluoromethane
Concen: 48.253 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047044.D
Acq: 18 Jul 2025 13:14

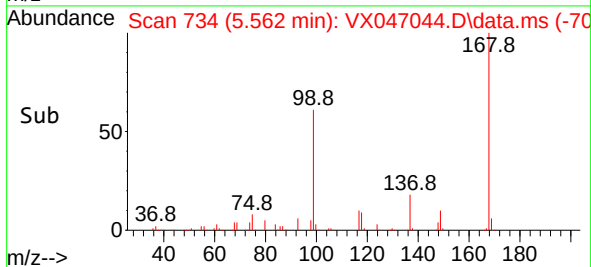
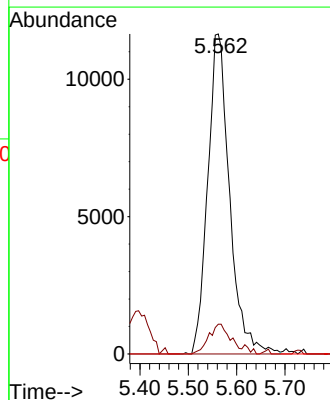
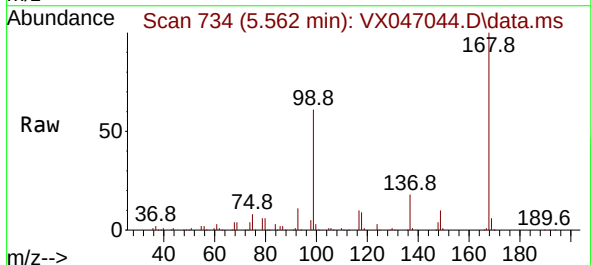
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

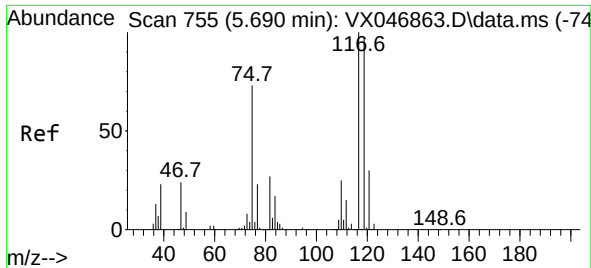
Tgt Ion:113 Resp: 257403
Ion Ratio Lower Upper
113 100
111 102.0 81.2 121.8
192 18.2 15.3 22.9



#36
1,1-Dichloropropene
Concen: 5.074 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX047044.D
Acq: 18 Jul 2025 13:14

Tgt Ion: 75 Resp: 36518
Ion Ratio Lower Upper
75 100
110 9.1 17.3 51.9#
77 0.0 24.2 36.4#

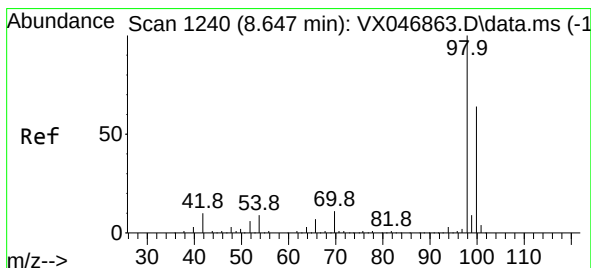
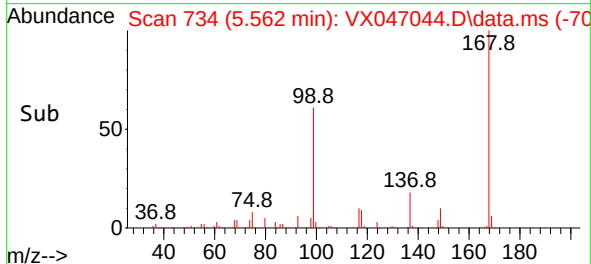
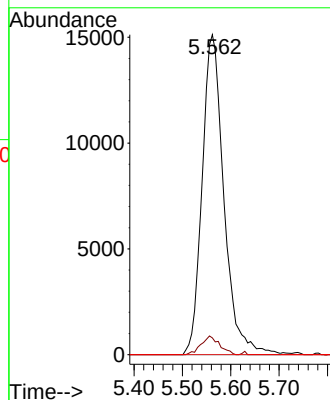
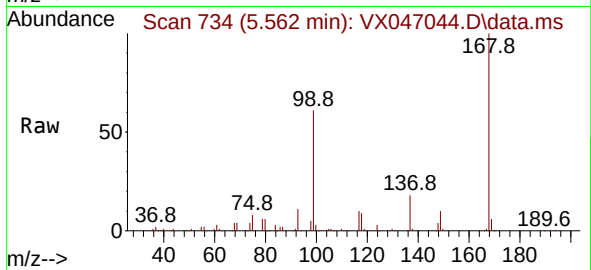




#38
Carbon Tetrachloride
Concen: 6.215 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX047044.D
Acq: 18 Jul 2025 13:14

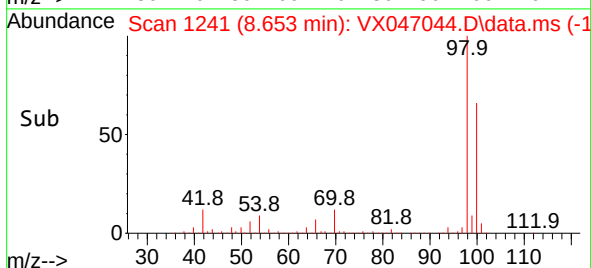
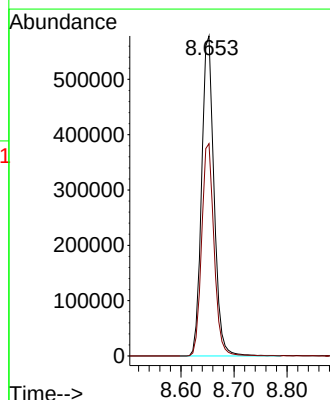
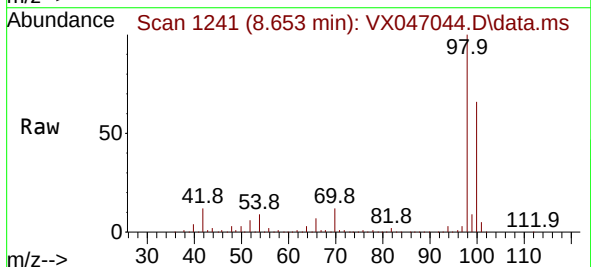
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

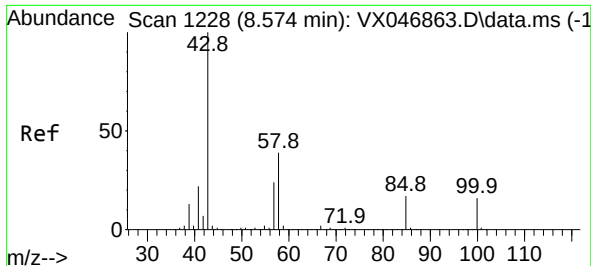
Tgt Ion:117 Resp: 47288
Ion Ratio Lower Upper
117 100
119 5.3 76.6 114.8#
121 0.0 24.1 36.1#



#50
Toluene-d8
Concen: 50.103 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX047044.D
Acq: 18 Jul 2025 13:14

Tgt Ion: 98 Resp: 942999
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 0.853 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX047044.D

Acq: 18 Jul 2025 13:14

Instrument :

MSVOA_X

ClientSampleId :

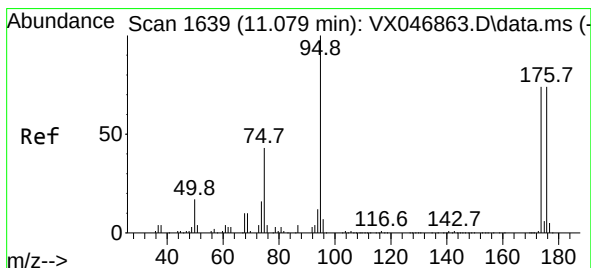
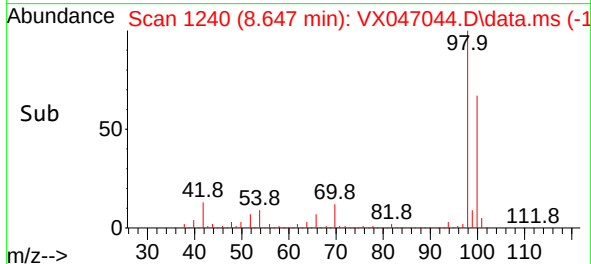
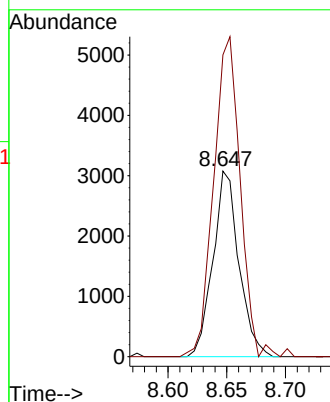
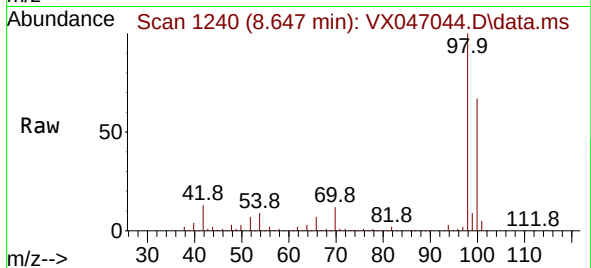
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 43 Resp: 4727

Ion Ratio Lower Upper

43 100

58 175.9 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 52.356 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX047044.D

Acq: 18 Jul 2025 13:14

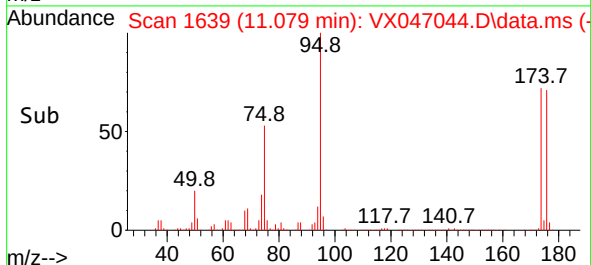
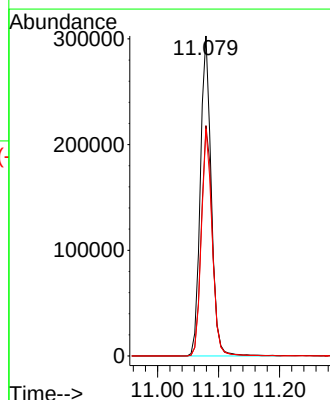
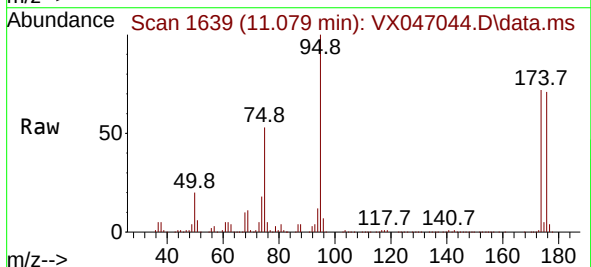
Tgt Ion: 95 Resp: 374510

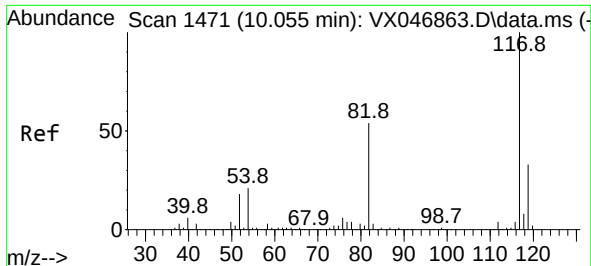
Ion Ratio Lower Upper

95 100

174 73.2 0.0 152.0

176 70.4 0.0 145.2

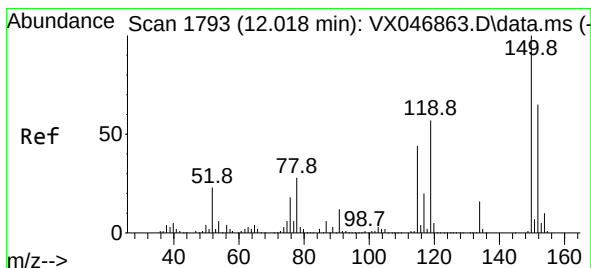
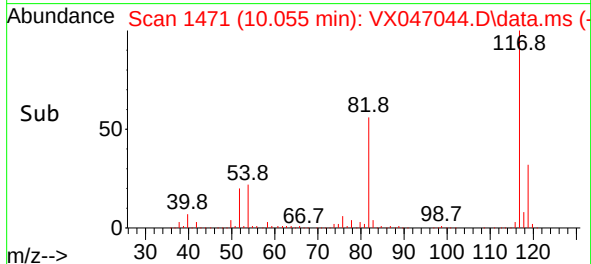
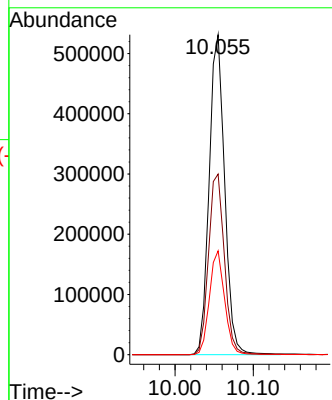
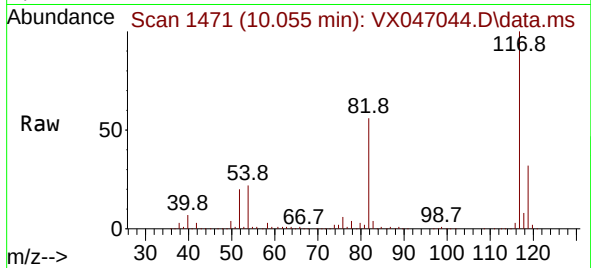




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047044.D
Acq: 18 Jul 2025 13:14

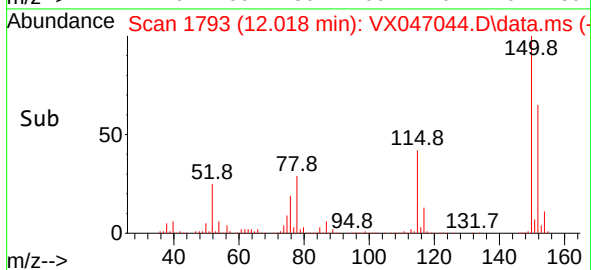
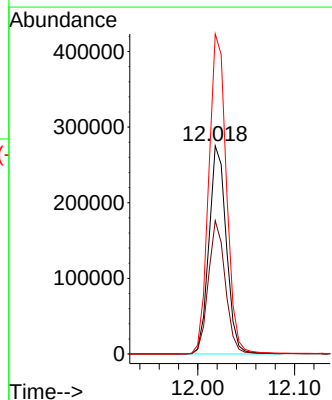
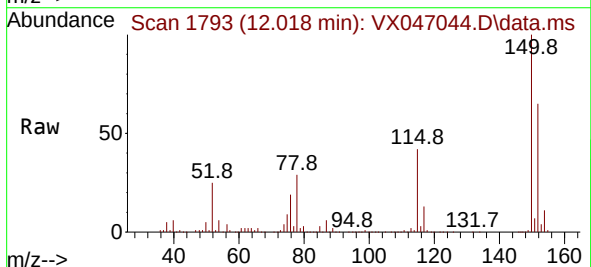
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

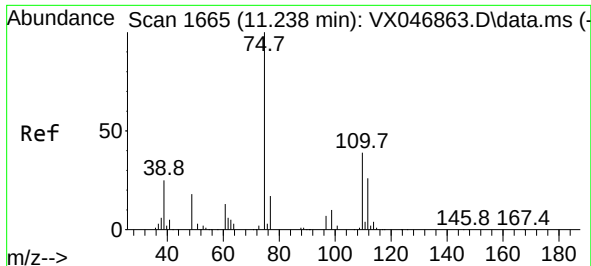
Tgt Ion:117 Resp: 728497
Ion Ratio Lower Upper
117 100
82 56.5 43.3 64.9
119 32.4 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX047044.D
Acq: 18 Jul 2025 13:14

Tgt Ion:152 Resp: 343680
Ion Ratio Lower Upper
152 100
115 62.8 42.4 127.1
150 157.5 0.0 349.2

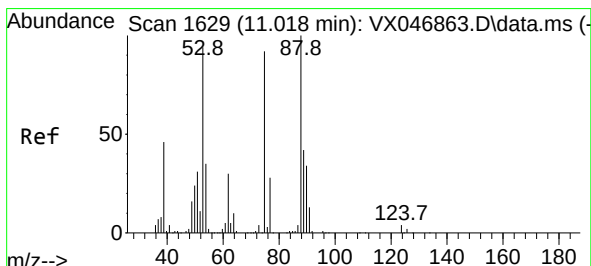
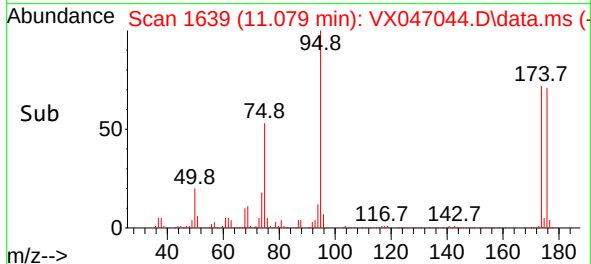
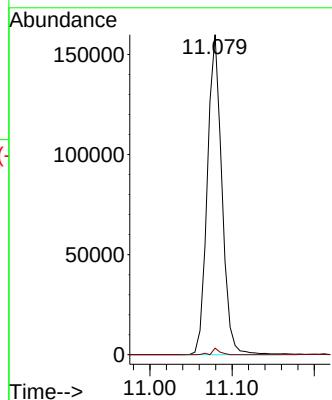
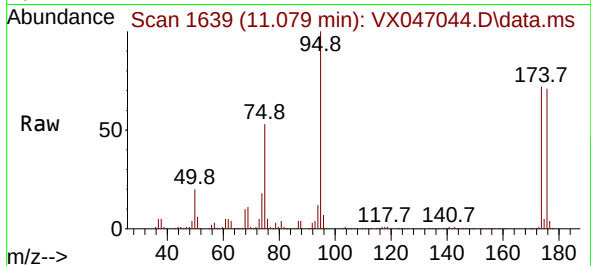




#76
1,2,3-Trichloropropane
Concen: 36.945 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX047044.D
Acq: 18 Jul 2025 13:14

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

Tgt Ion: 75 Resp: 196191
Ion Ratio Lower Upper
75 100
77 1.1 20.6 61.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.142 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX047044.D
Acq: 18 Jul 2025 13:14

Tgt Ion: 75 Resp: 196191
Ion Ratio Lower Upper
75 100
53 0.0 83.7 125.5#
89 0.0 38.2 57.2#

