

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060225\
 Data File : VX046441.D
 Acq On : 02 Jun 2025 13:37
 Operator : JC/MD
 Sample : Q2164-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Jun 03 01:29:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

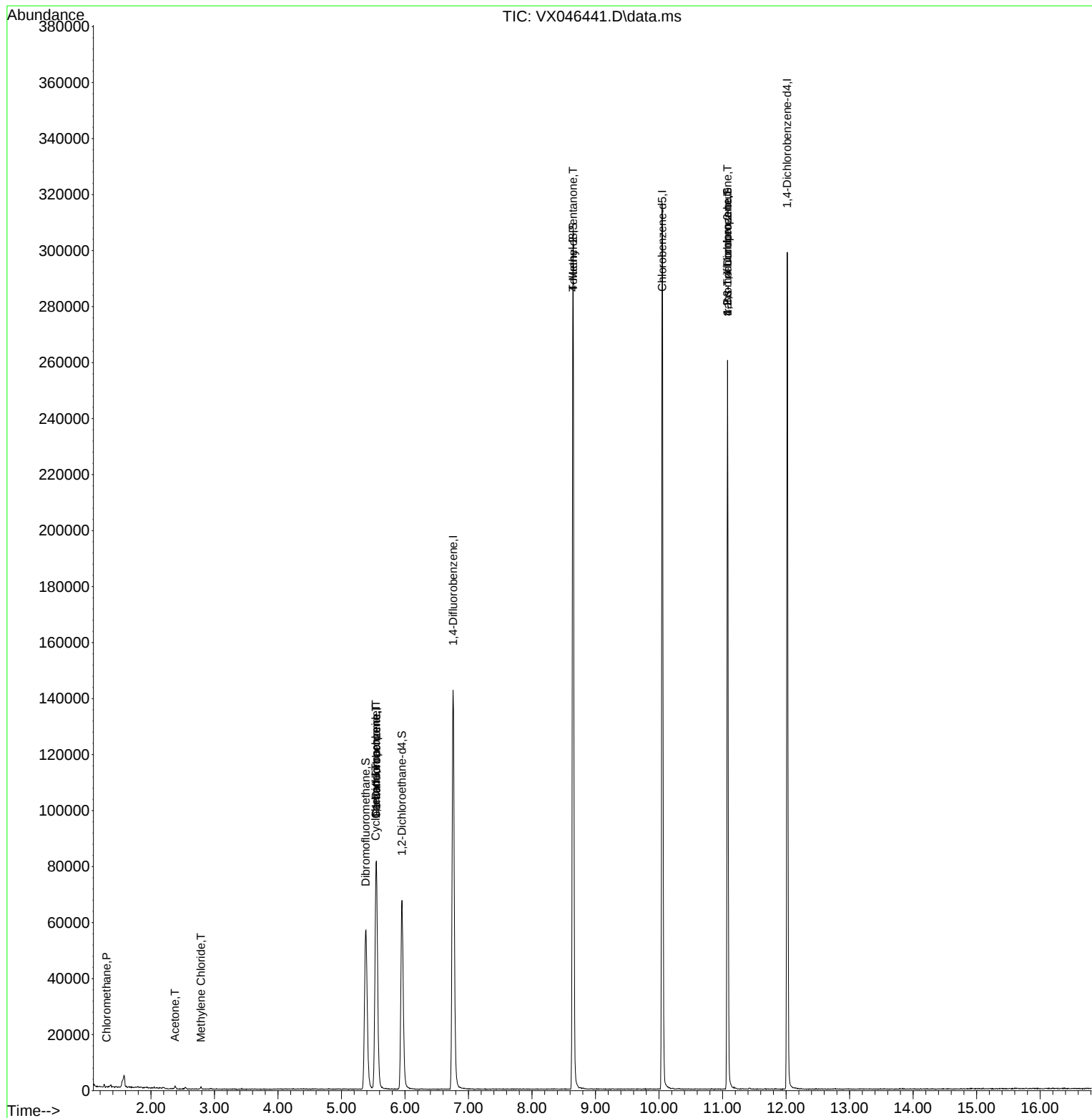
Internal Standards						
1) Pentafluorobenzene	5.549	168	69269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	135855	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	129857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55201	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68225	52.830	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.660%	
35) Dibromofluoromethane	5.379	113	50287	51.402	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.800%	
50) Toluene-d8	8.646	98	173594	51.268	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.540%	
62) 4-Bromofluorobenzene	11.079	95	66496	51.197	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.400%	
Target Compounds						Qvalue
3) Chloromethane	1.300	50	451	0.439	ug/l #	43
16) Acetone	2.379	43	975	1.883	ug/l	99
20) Methylene Chloride	2.788	84	303	0.305	ug/l #	44
31) Cyclohexane	5.537	56	1962	1.275	ug/l #	23
36) 1,1-Dichloropropene	5.543	75	7043	5.358	ug/l #	51
38) Carbon Tetrachloride	5.543	117	8214	5.562	ug/l #	17
51) 4-Methyl-2-Pentanone	8.646	43	908	0.552	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	38204	28.753	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	38204	93.609	ug/l #	1

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

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STORAGE-BLANK-WATER-REF-4

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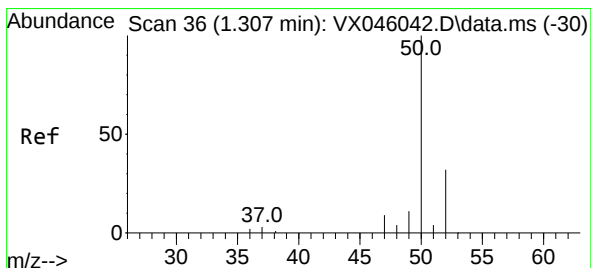
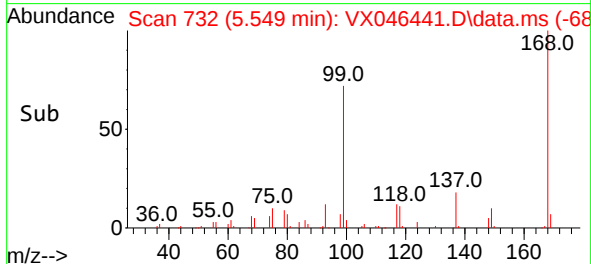
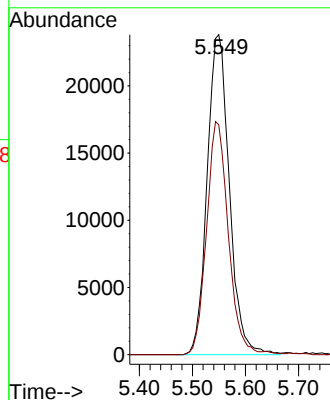
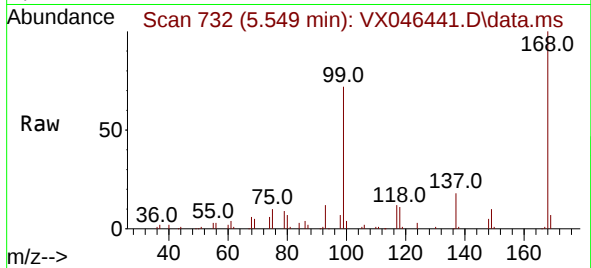




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.005 min
Lab File: VX046441.D
Acq: 02 Jun 2025 13:37

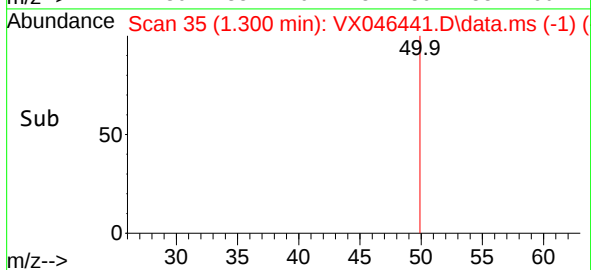
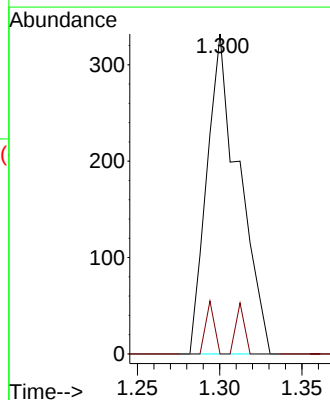
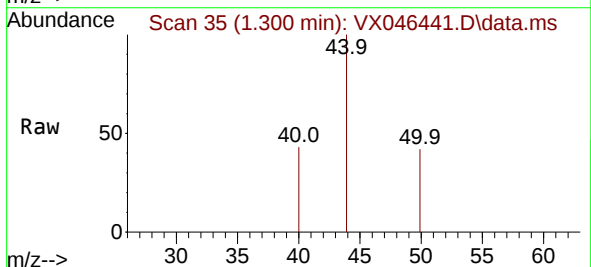
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion:168 Resp: 69269
Ion Ratio Lower Upper
168 100
99 71.9 54.9 82.3



#3
Chloromethane
Concen: 0.439 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX046441.D
Acq: 02 Jun 2025 13:37

Tgt Ion: 50 Resp: 451
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

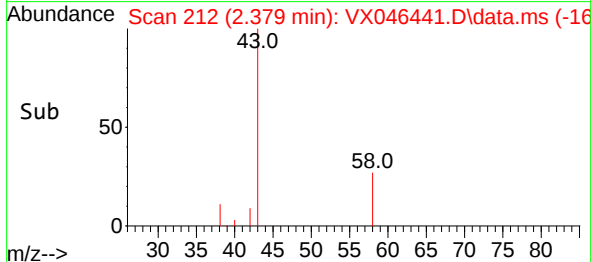
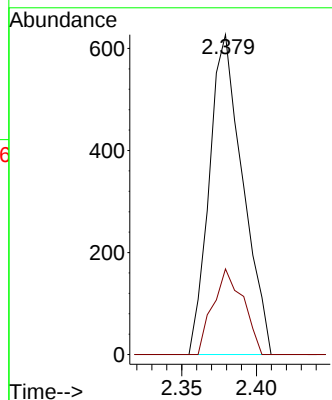
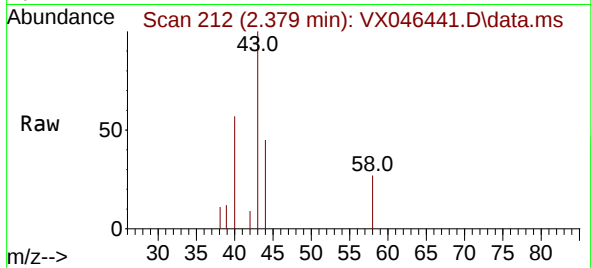




#16
Acetone
Concen: 1.883 ug/l
RT: 2.379 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046441.D
Acq: 02 Jun 2025 13:37

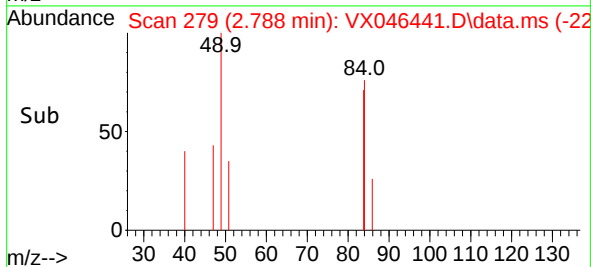
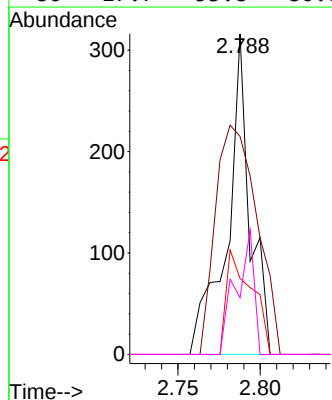
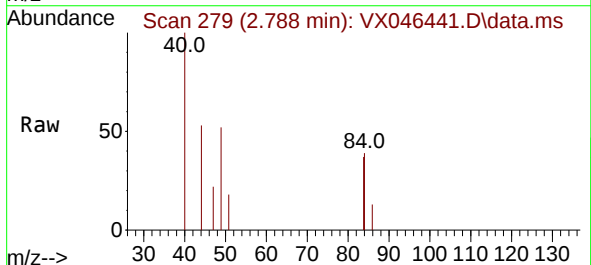
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

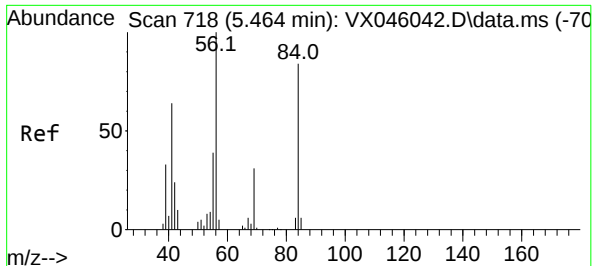
Tgt Ion: 43 Resp: 975
Ion Ratio Lower Upper
43 100
58 26.8 21.2 31.8



#20
Methylene Chloride
Concen: 0.305 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX046441.D
Acq: 02 Jun 2025 13:37

Tgt Ion: 84 Resp: 303
Ion Ratio Lower Upper
84 100
49 68.0 113.9 170.9#
51 23.7 33.5 50.3#
86 17.7 53.8 80.8#

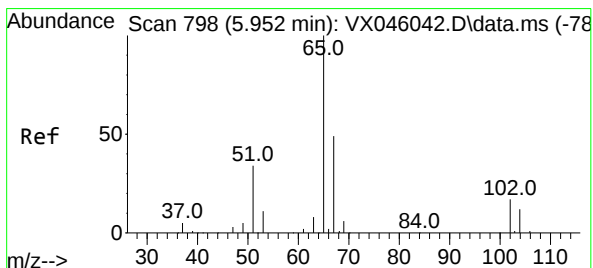
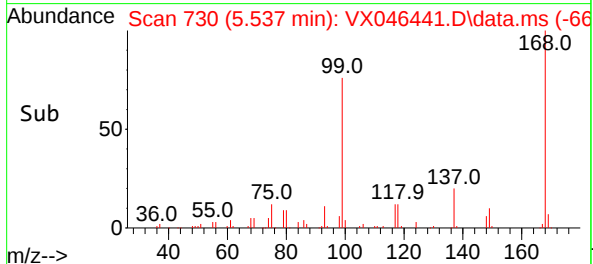
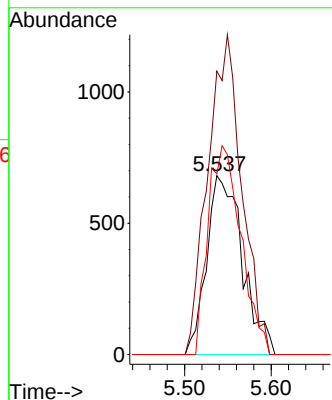
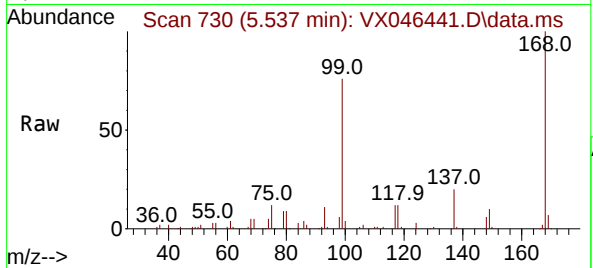




#31
Cyclohexane
Concen: 1.275 ug/l
RT: 5.537 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX046441.D
Acq: 02 Jun 2025 13:37

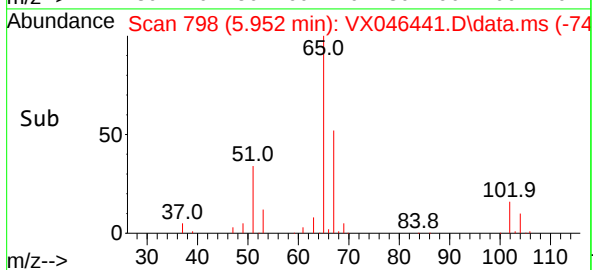
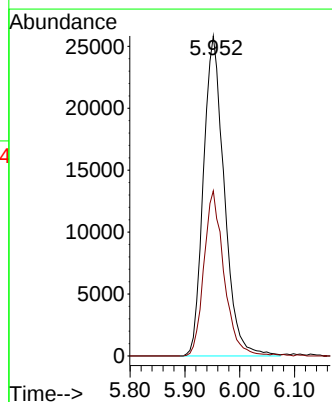
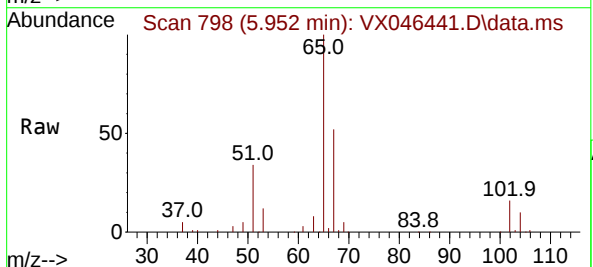
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

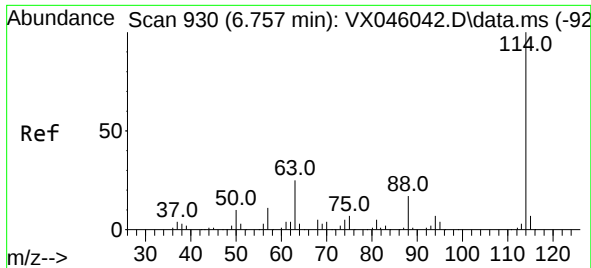
Tgt Ion: 56 Resp: 1962
Ion Ratio Lower Upper
56 100
69 158.4 24.4 36.6#
84 101.0 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 52.830 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046441.D
Acq: 02 Jun 2025 13:37

Tgt Ion: 65 Resp: 68225
Ion Ratio Lower Upper
65 100
67 49.6 0.0 99.0

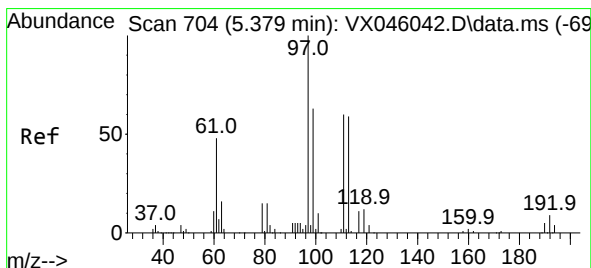
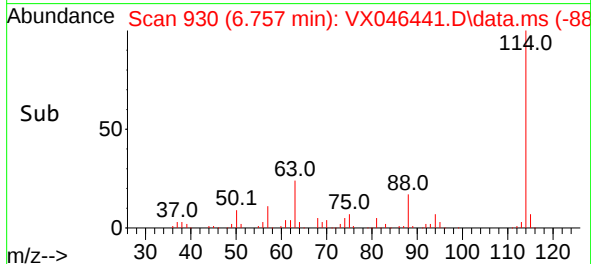
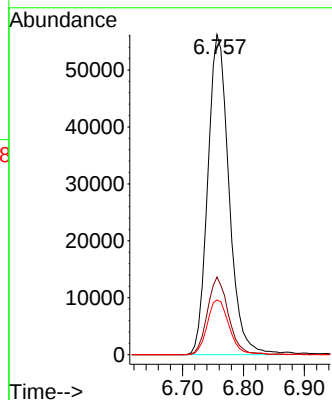
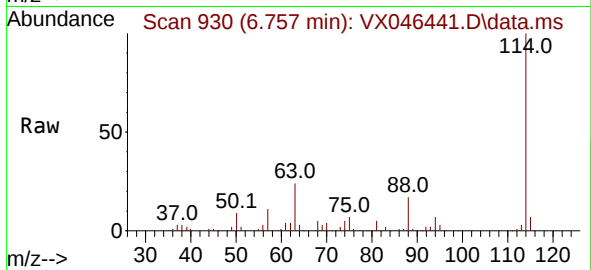




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046441.D
Acq: 02 Jun 2025 13:37

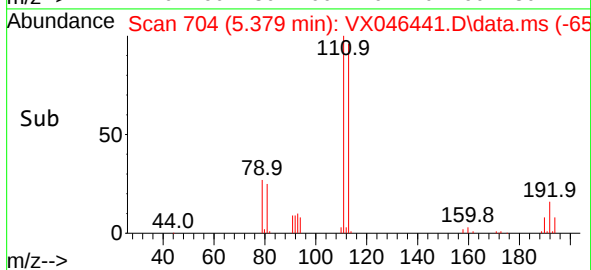
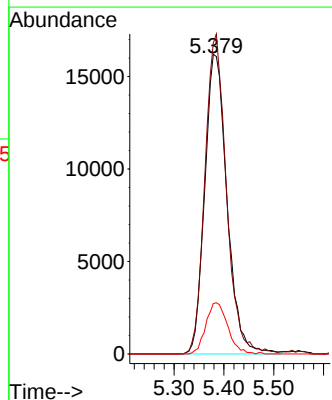
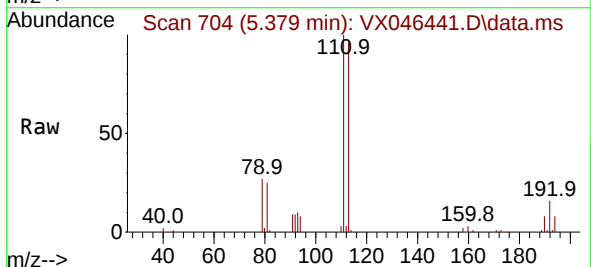
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ClientSampleId :
STORAGE-BLANK-WATER-REF-4

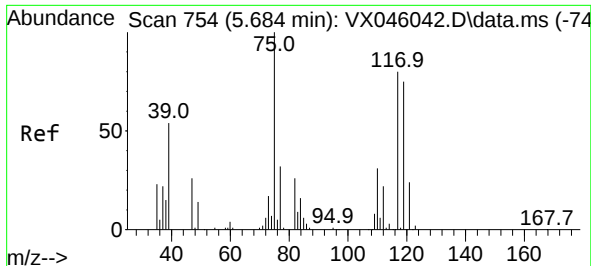
Tgt Ion:114 Resp: 135855
Ion Ratio Lower Upper
114 100
63 24.2 0.0 49.2
88 17.1 0.0 33.6



#35
Dibromofluoromethane
Concen: 51.402 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046441.D
Acq: 02 Jun 2025 13:37

Tgt Ion:113 Resp: 50287
Ion Ratio Lower Upper
113 100
111 102.9 83.1 124.7
192 16.7 13.3 19.9

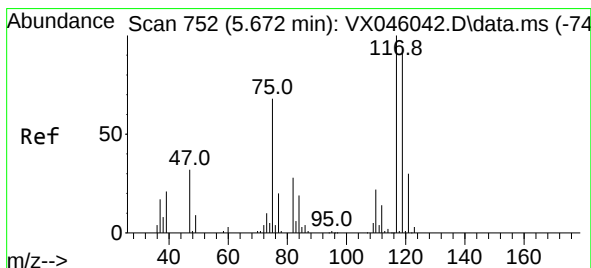
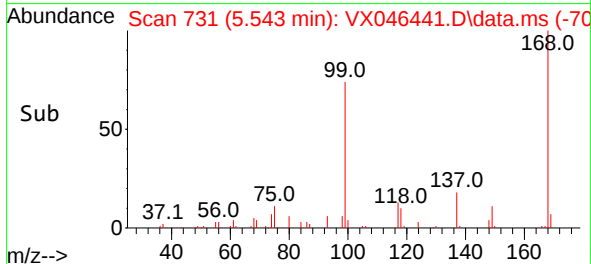
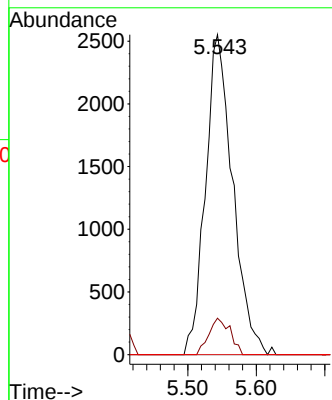
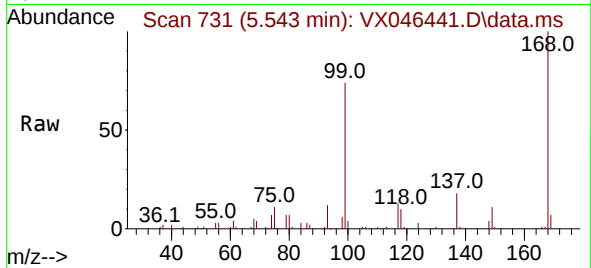




#36
1,1-Dichloropropene
Concen: 5.358 ug/l
RT: 5.543 min Scan# 711
Delta R.T. -0.141 min
Lab File: VX046441.D
Acq: 02 Jun 2025 13:37

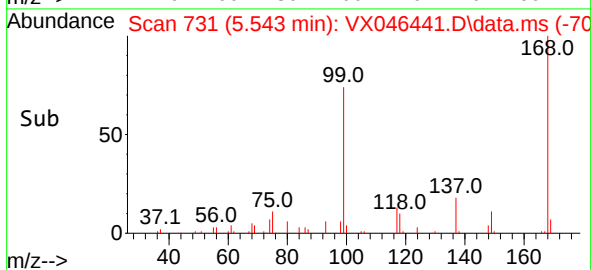
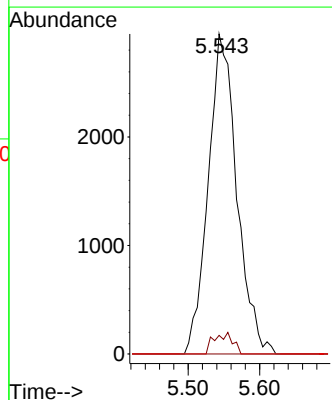
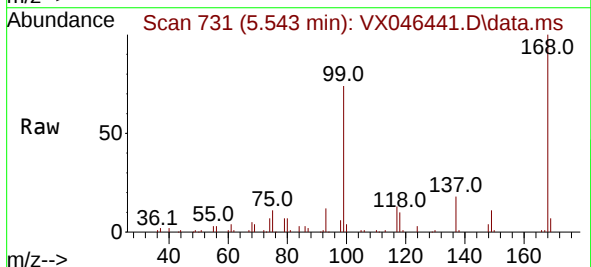
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

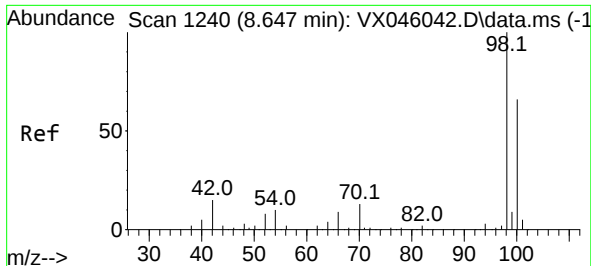
Tgt Ion: 75 Resp: 7043
Ion Ratio Lower Upper
75 100
110 8.9 16.3 48.9#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.562 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX046441.D
Acq: 02 Jun 2025 13:37

Tgt Ion: 117 Resp: 8214
Ion Ratio Lower Upper
117 100
119 5.8 75.2 112.8#
121 0.0 24.2 36.4#

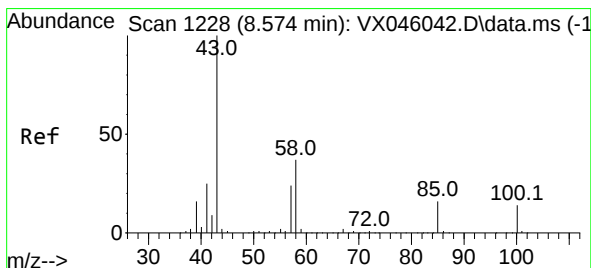
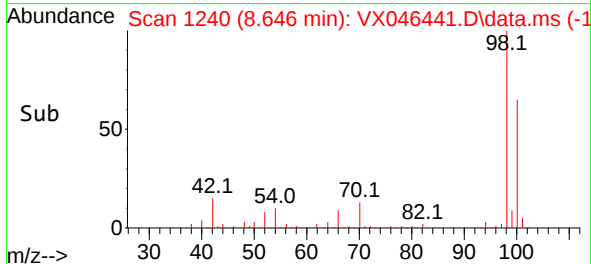
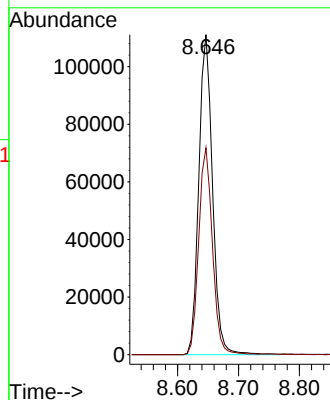
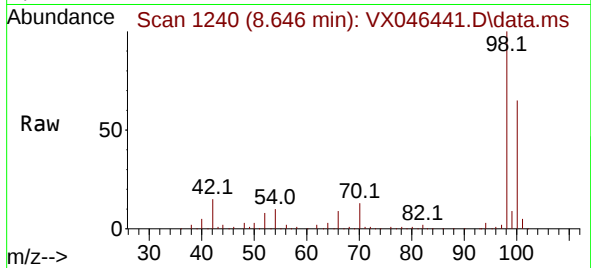




#50
Toluene-d8
Concen: 51.268 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046441.D
Acq: 02 Jun 2025 13:37

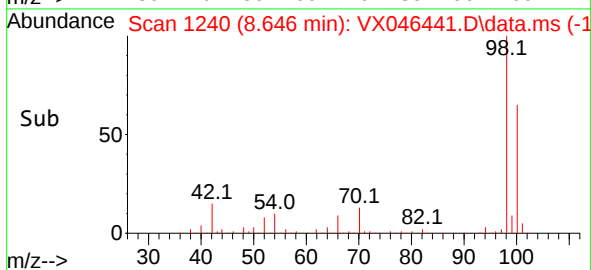
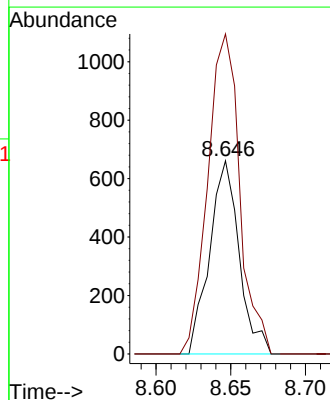
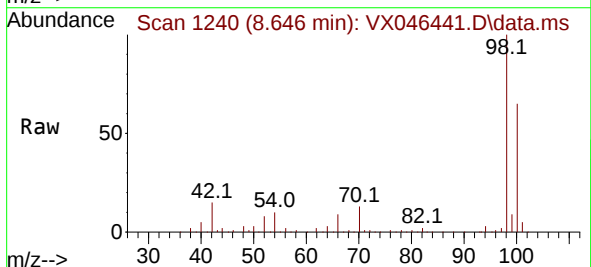
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 98 Resp: 173594
Ion Ratio Lower Upper
98 100
100 64.8 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 0.552 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX046441.D
Acq: 02 Jun 2025 13:37

Tgt Ion: 43 Resp: 908
Ion Ratio Lower Upper
43 100
58 179.3 28.9 43.3#

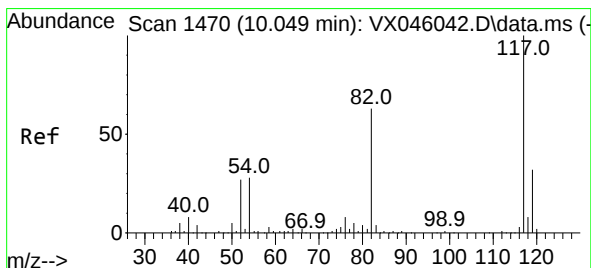
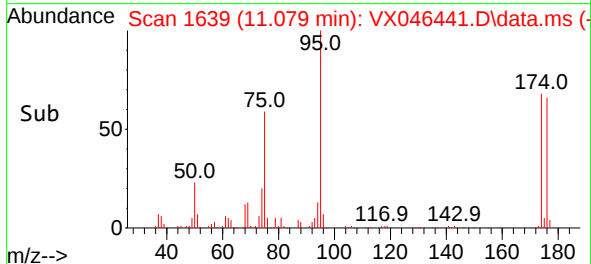
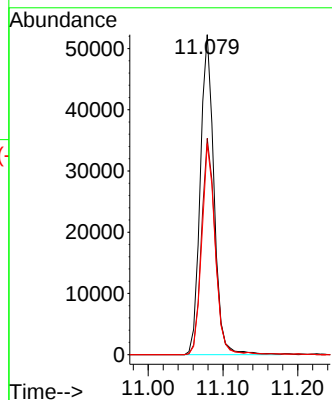
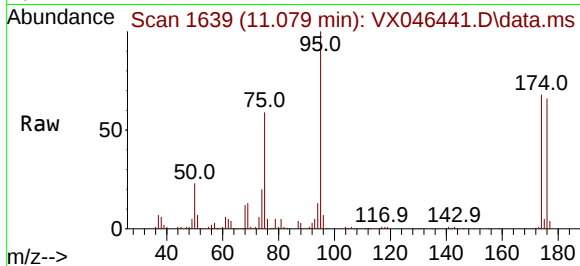




#62
4-Bromofluorobenzene
Concen: 51.197 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046441.D
Acq: 02 Jun 2025 13:37

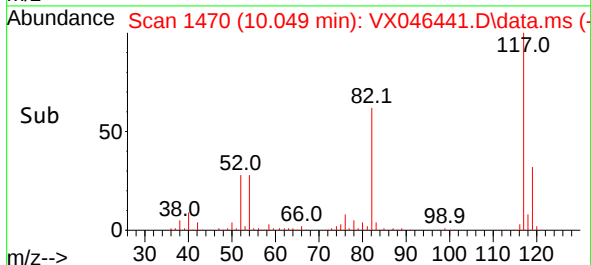
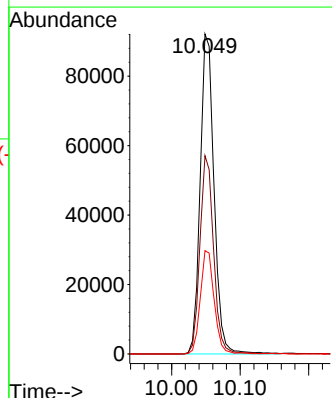
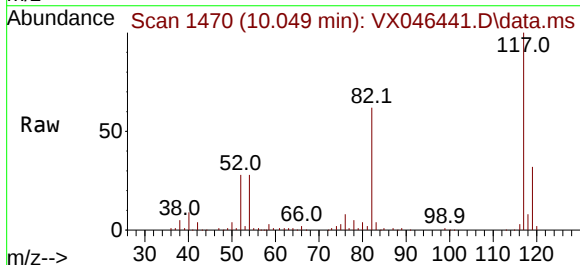
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

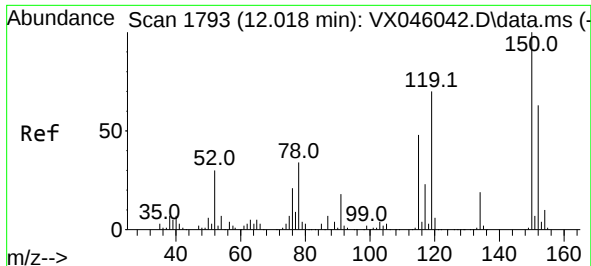
Tgt Ion: 95 Resp: 66496
Ion Ratio Lower Upper
95 100
174 67.6 0.0 135.8
176 64.6 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046441.D
Acq: 02 Jun 2025 13:37

Tgt Ion: 117 Resp: 129857
Ion Ratio Lower Upper
117 100
82 62.0 50.6 76.0
119 32.3 25.8 38.6

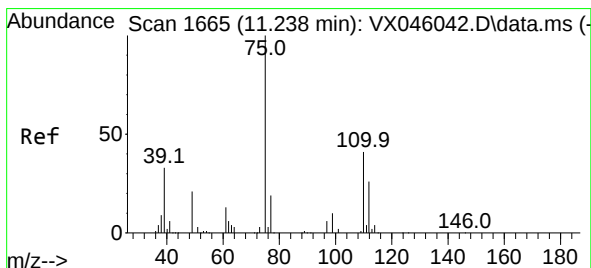
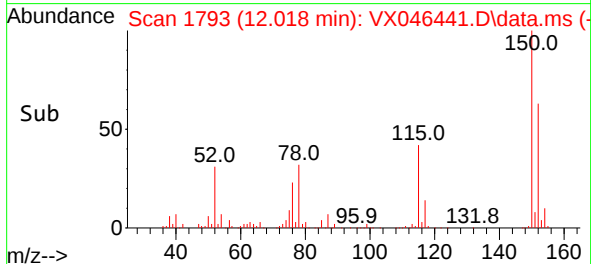
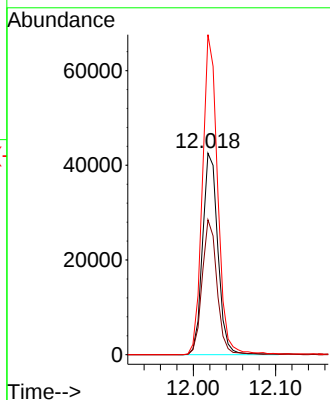
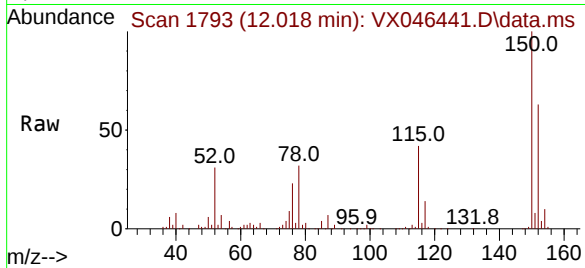




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046441.D
 Acq: 02 Jun 2025 13:37

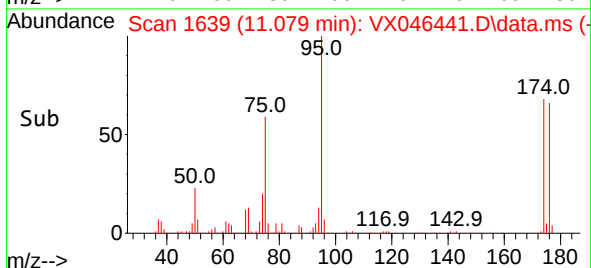
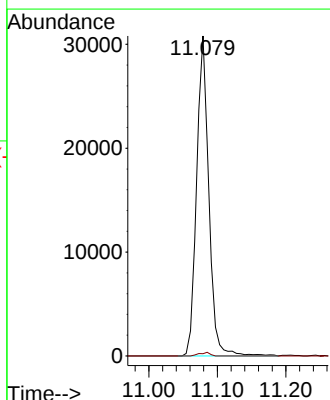
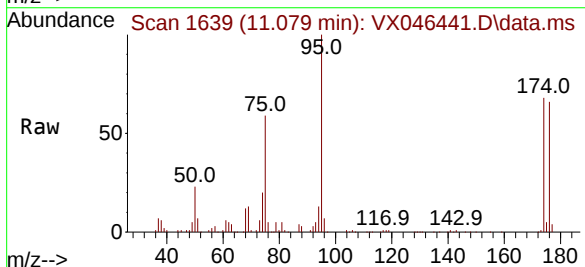
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

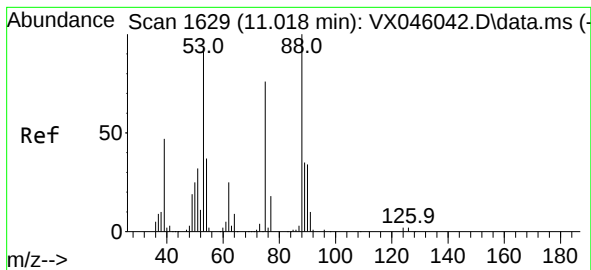
Tgt Ion:152 Resp: 55201
 Ion Ratio Lower Upper
 152 100
 115 65.0 46.9 140.7
 150 157.5 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 28.753 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046441.D
 Acq: 02 Jun 2025 13:37

Tgt Ion: 75 Resp: 38204
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.5 61.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.609 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046441.D
 Acq: 02 Jun 2025 13:37

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Tgt Ion: 75 Resp: 38204
 Ion Ratio Lower Upper
 75 100
 53 0.0 100.5 150.7#
 89 0.0 37.0 55.6#

