

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%

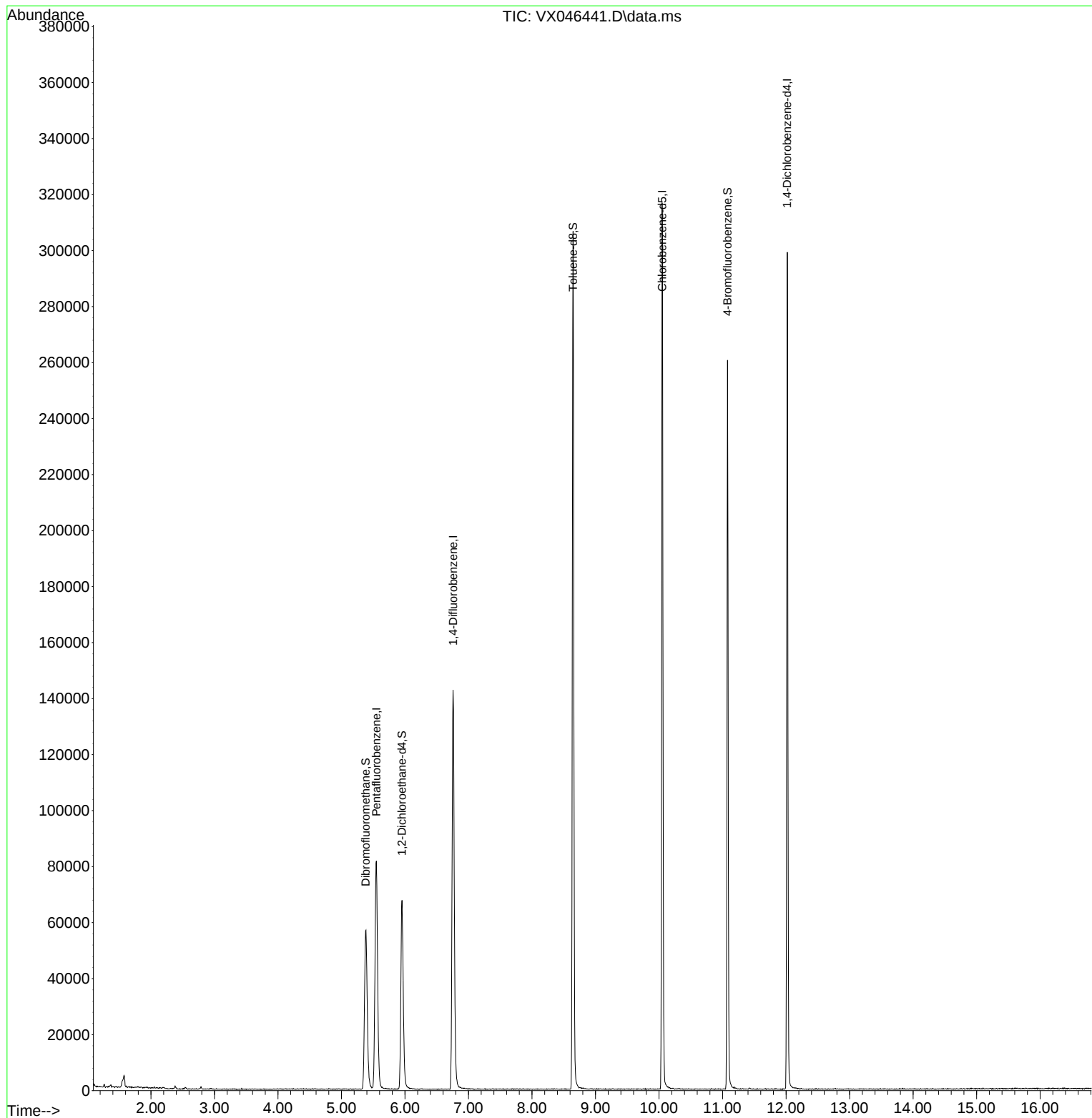
Target Compounds	Qvalue

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

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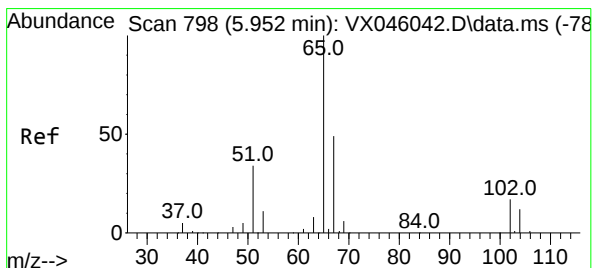
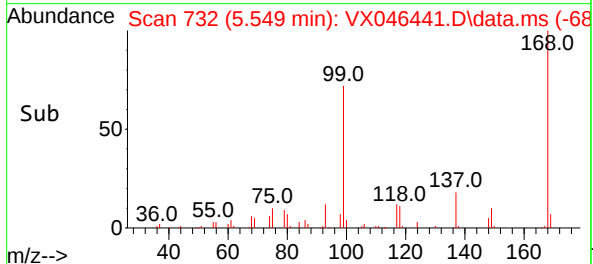
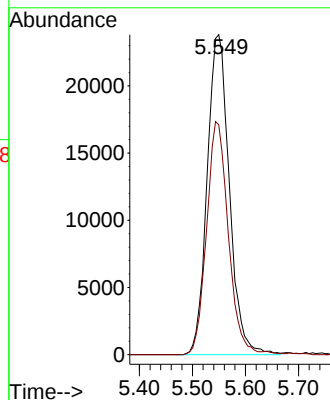
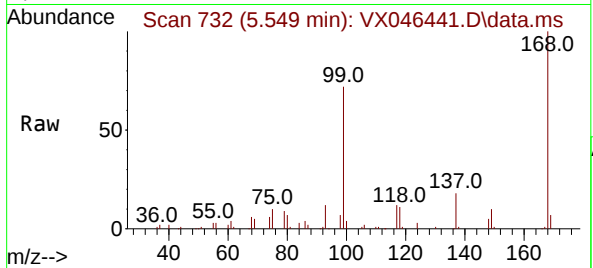




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.005 min
Lab File: VX046441.D
Acq: 02 Jun 2025 13:37

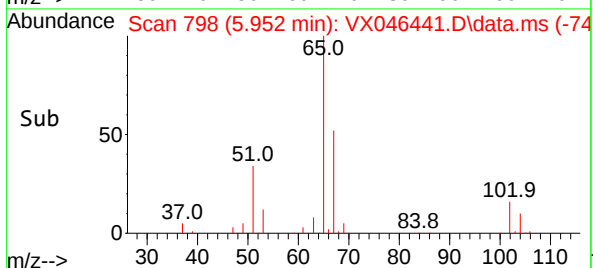
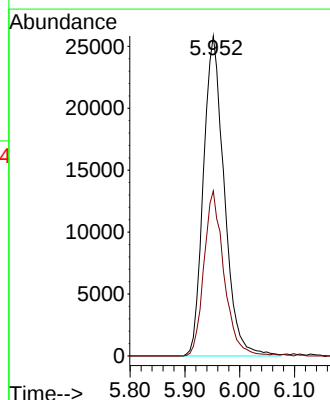
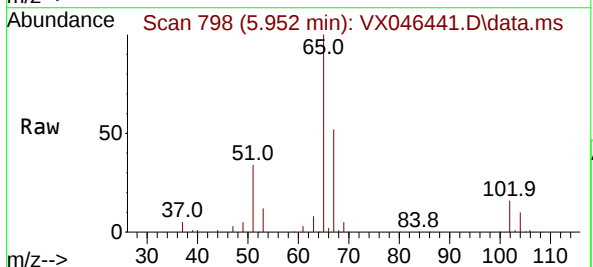
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

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



#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

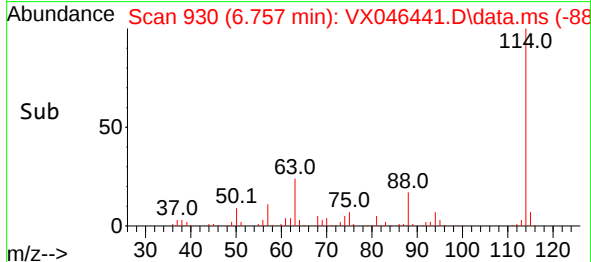
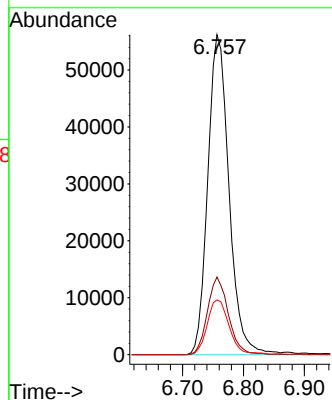
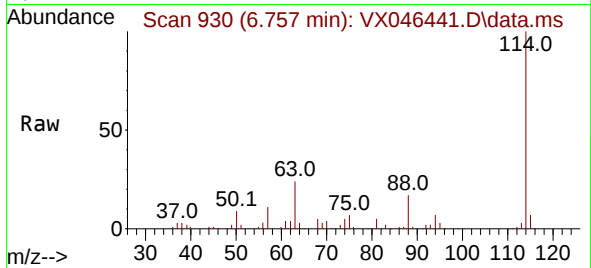




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046441.D
Acq: 02 Jun 2025 13:37

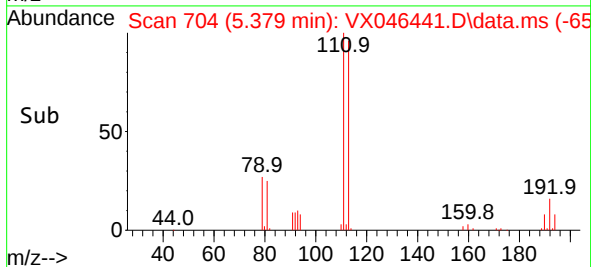
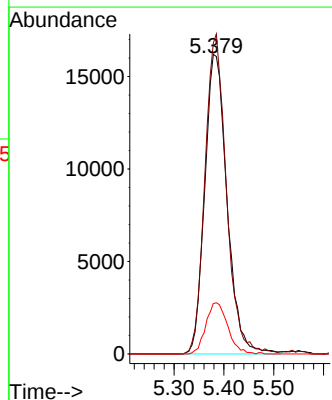
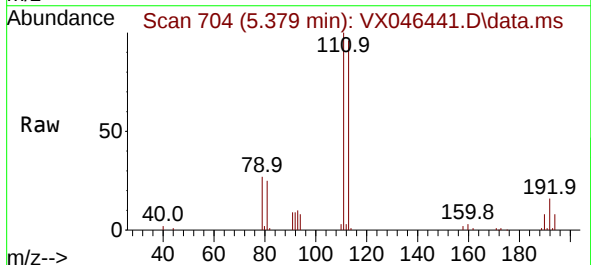
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

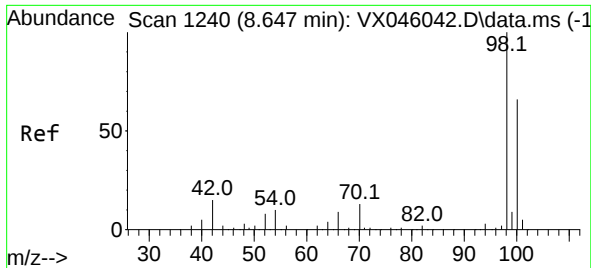
Tgt Ion:114 Resp: 135855
Ion Ratio Lower Upper
114 100
63 24.2 0.0 49.2
88 17.1 0.0 33.6



#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

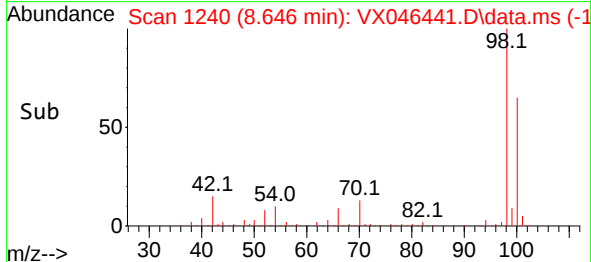
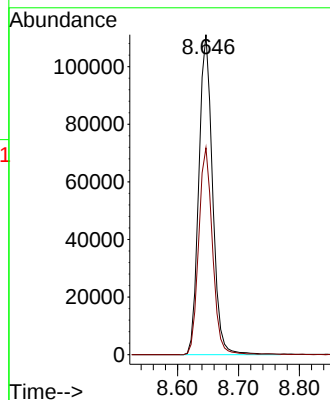
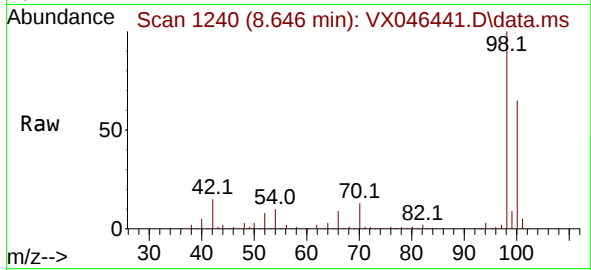




#50
Toluene-d8
Concen: 51.268 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046441.D
Acq: 02 Jun 2025 13:37

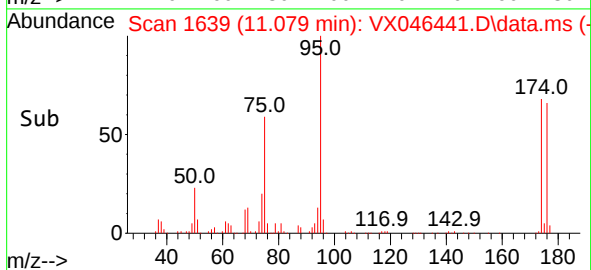
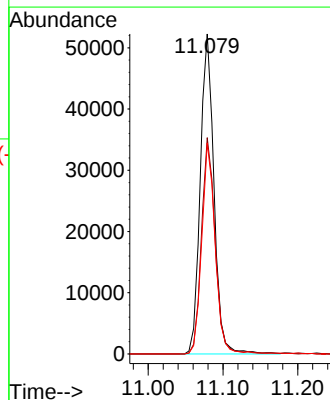
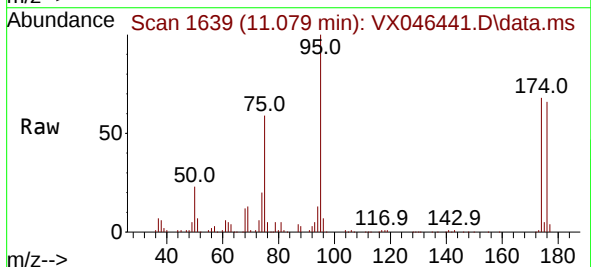
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

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



#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

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

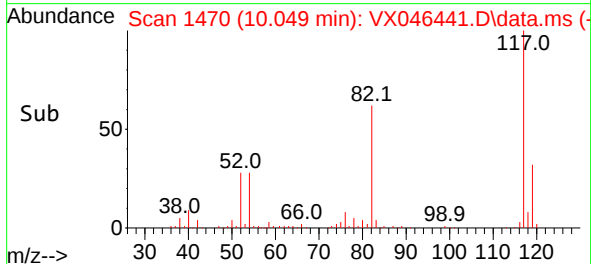
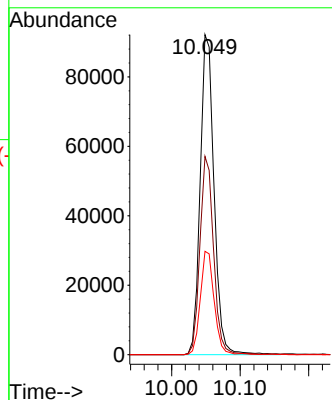
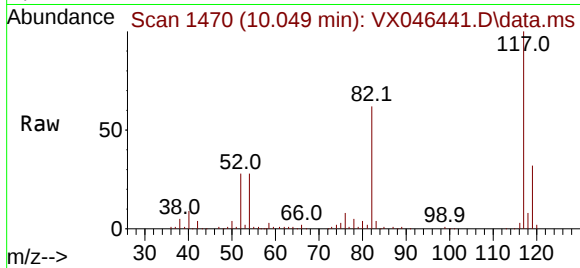




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046441.D
Acq: 02 Jun 2025 13:37

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

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# 1793
Delta R.T. -0.000 min
Lab File: VX046441.D
Acq: 02 Jun 2025 13:37

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

