

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111225\
 Data File : VX048583.D
 Acq On : 12 Nov 2025 16:56
 Operator : JC/MD
 Sample : Q2893-08 5.0PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2025

Quant Time: Nov 14 00:30:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

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

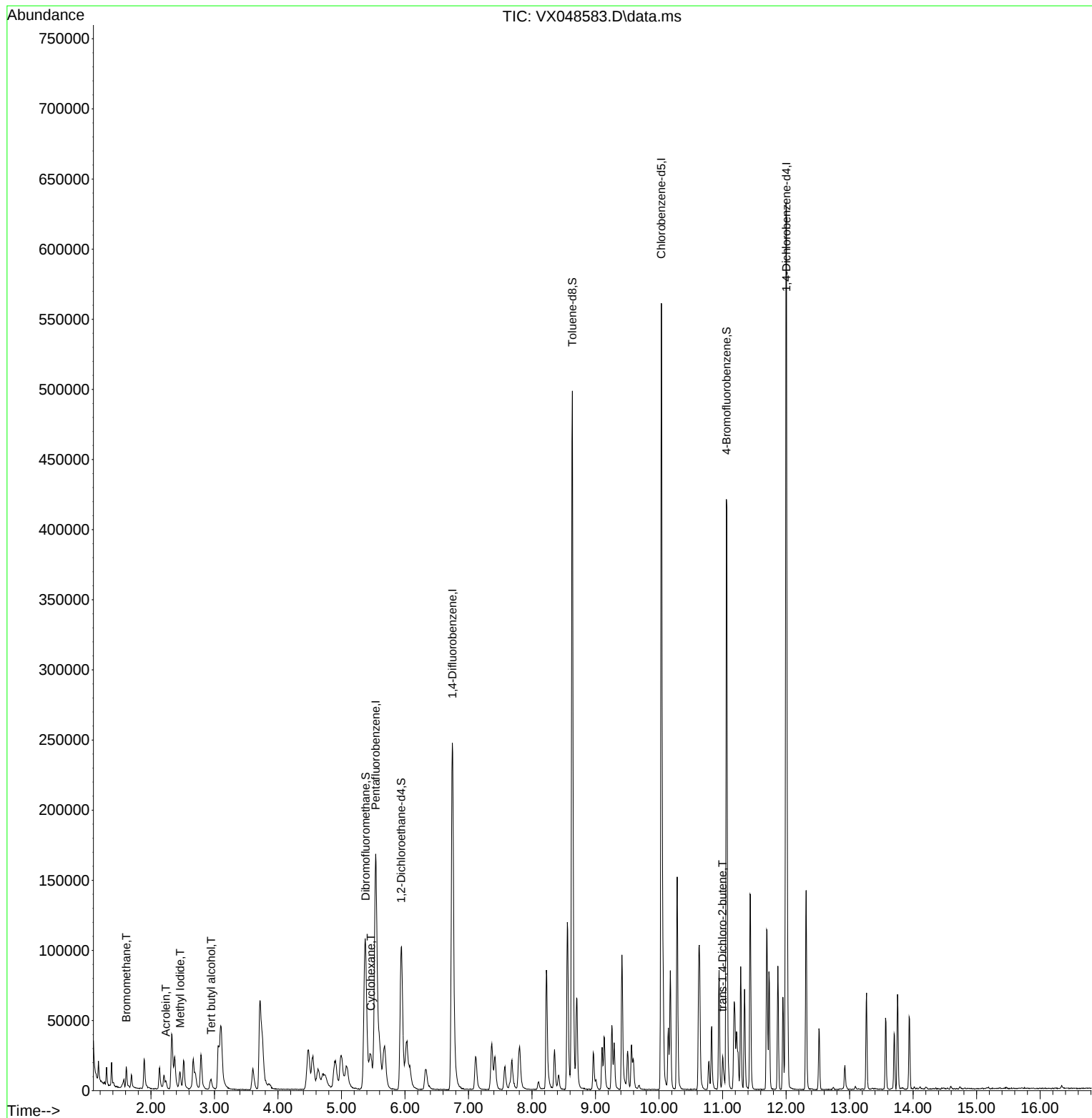
Internal Standards						
1) Pentafluorobenzene	5.538	168	184841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	297101	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	272731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	138664	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	112198	43.562	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.120%
35) Dibromofluoromethane	5.379	113	97839	43.510	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.020%
50) Toluene-d8	8.635	98	327324	46.673	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.340%
62) 4-Bromofluorobenzene	11.061	95	124934	47.802	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.600%
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	7963	5.607	ug/l	92
10) Methyl Iodide	2.459	142	14092	4.622	ug/l	98
11) Tert butyl alcohol	2.947	59	10000	20.490	ug/l #	93
13) Acrolein	2.233	56	3495	49.494	ug/l	96
31) Cyclohexane	5.464	56	16142	4.667	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.000	75	4738	4.057	ug/l #	86

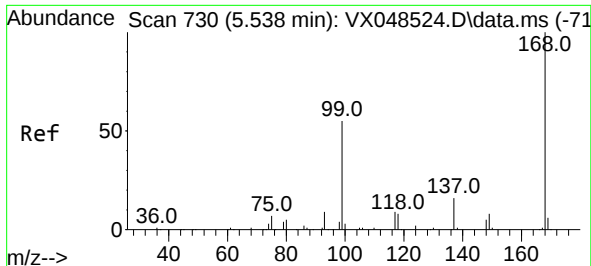
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111225\
Data File : VX048583.D
Acq On : 12 Nov 2025 16:56
Operator : JC/MD
Sample : Q2893-08 5.0PPB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2025

Quant Time: Nov 14 00:30:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

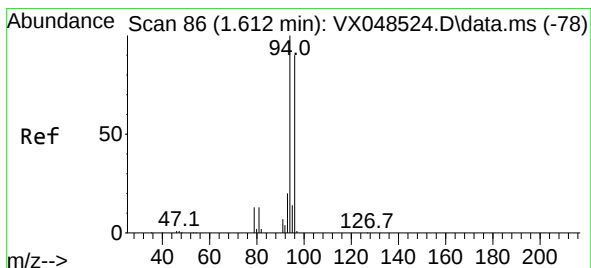
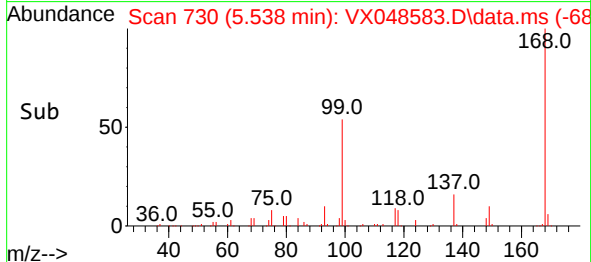
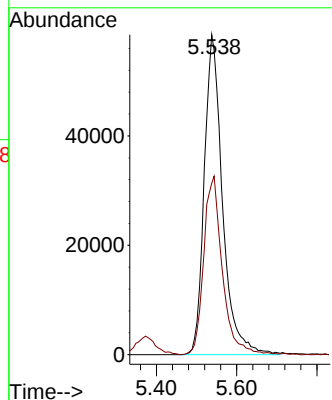
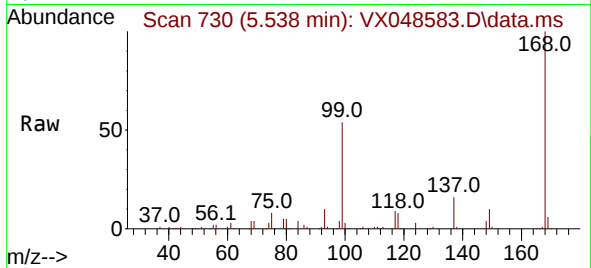




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048583.D
Acq: 12 Nov 2025 16:56

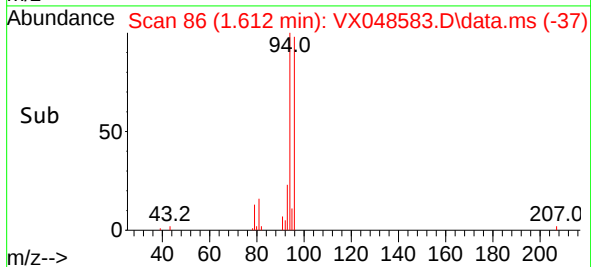
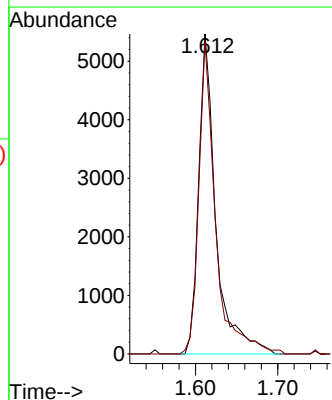
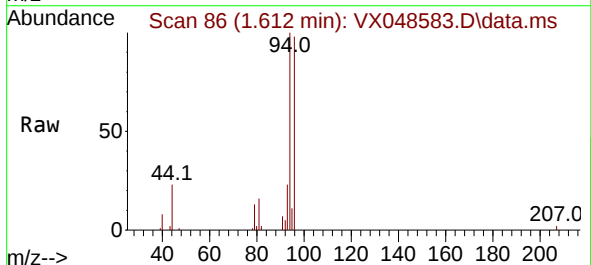
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2025

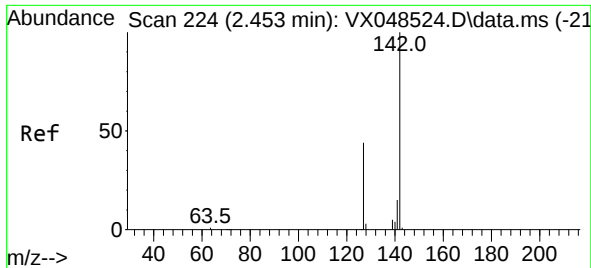
Tgt Ion:168 Resp: 184841
Ion Ratio Lower Upper
168 100
99 53.6 45.2 67.8



#5
Bromomethane
Concen: 5.607 ug/l
RT: 1.612 min Scan# 86
Delta R.T. -0.000 min
Lab File: VX048583.D
Acq: 12 Nov 2025 16:56

Tgt Ion: 94 Resp: 7963
Ion Ratio Lower Upper
94 100
96 97.7 72.3 108.5

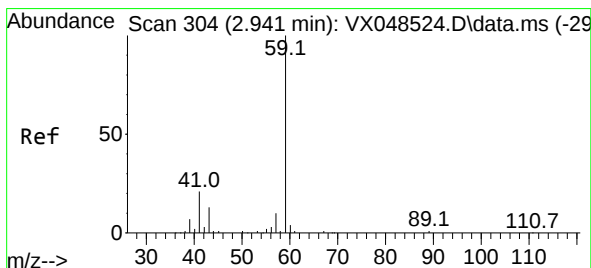
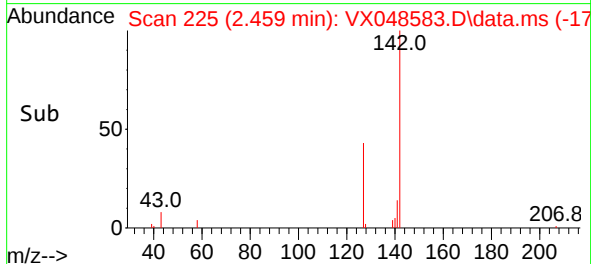
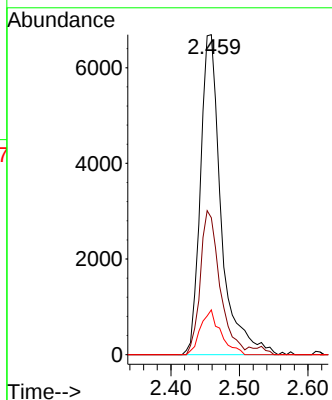
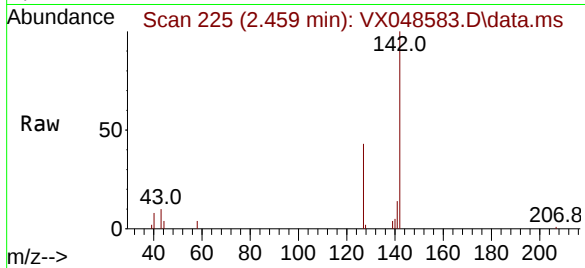




#10
Methyl Iodide
Concen: 4.622 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048583.D
Acq: 12 Nov 2025 16:56

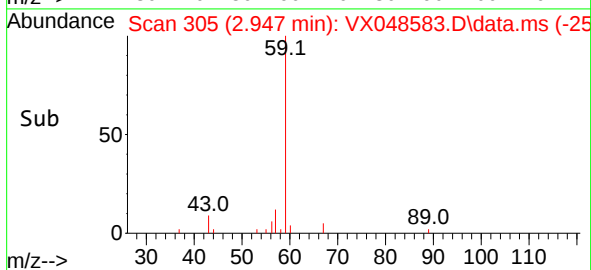
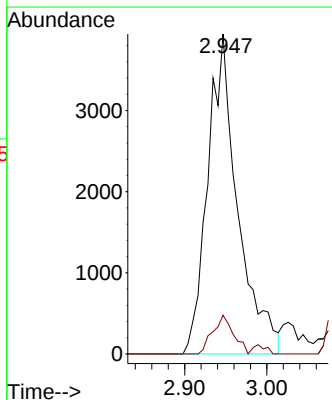
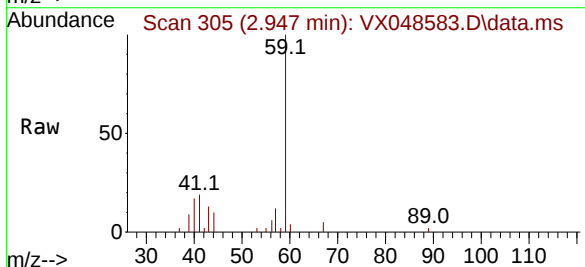
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2025

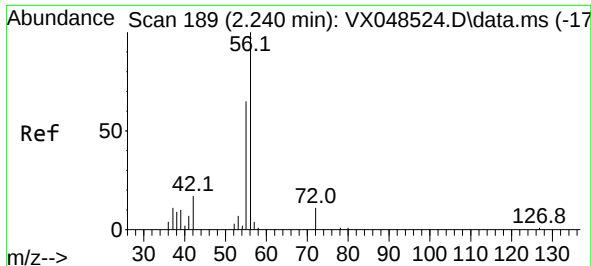
Tgt Ion:	142	Resp:	14092
Ion	Ratio	Lower	Upper
142	100		
127	43.5	35.8	53.6
141	13.6	11.4	17.0



#11
Tert butyl alcohol
Concen: 20.490 ug/l
RT: 2.947 min Scan# 305
Delta R.T. 0.006 min
Lab File: VX048583.D
Acq: 12 Nov 2025 16:56

Tgt Ion:	59	Resp:	10000
Ion	Ratio	Lower	Upper
59	100		
57	8.3	8.6	13.0#

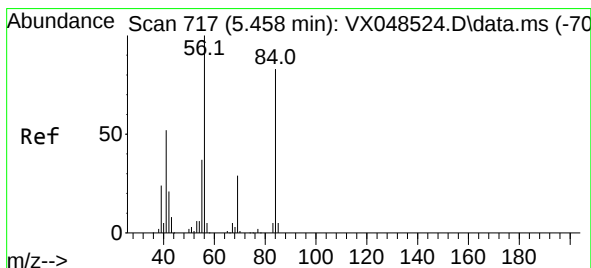
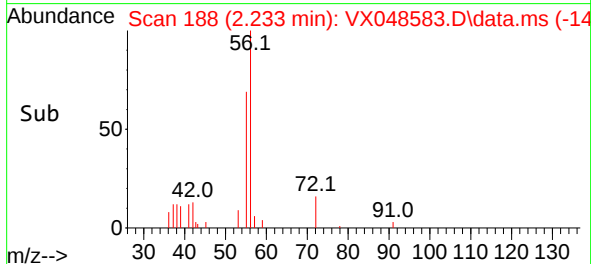
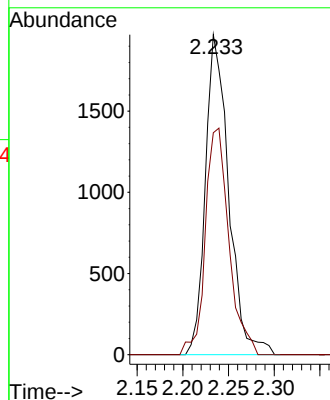
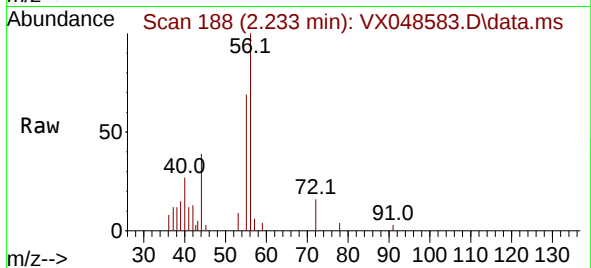




#13
Acrolein
Concen: 49.494 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048583.D
Acq: 12 Nov 2025 16:56

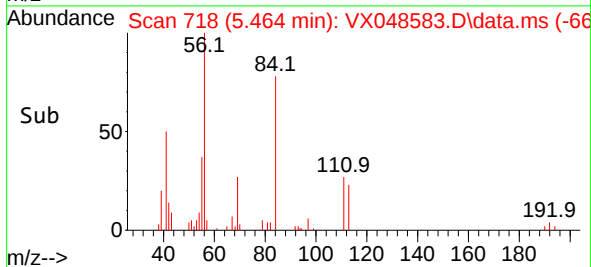
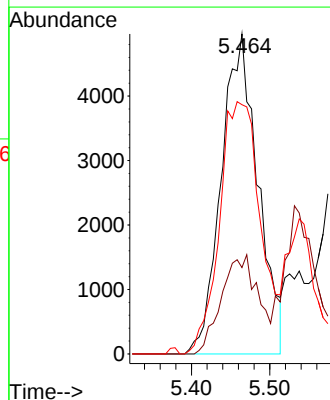
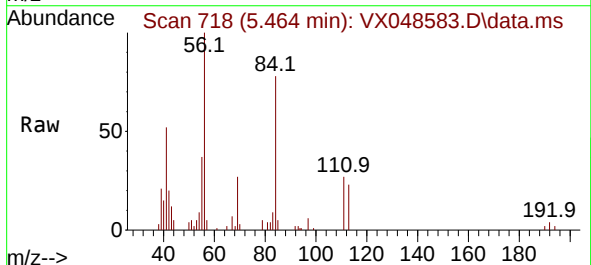
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2025

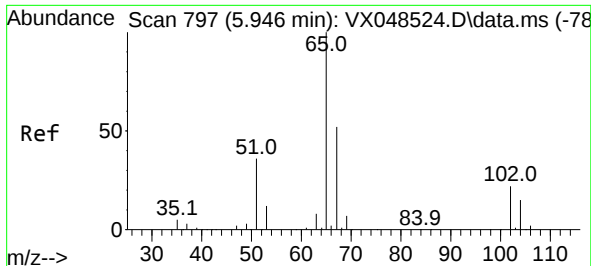
Tgt Ion: 56 Resp: 3495
Ion Ratio Lower Upper
56 100
55 71.5 54.9 82.3



#31
Cyclohexane
Concen: 4.667 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX048583.D
Acq: 12 Nov 2025 16:56

Tgt Ion: 56 Resp: 16142
Ion Ratio Lower Upper
56 100
69 27.0 23.4 35.2
84 77.9 66.3 99.5





#33

1,2-Dichloroethane-d4

Concen: 43.562 ug/l

RT: 5.940 min Scan# 797

Delta R.T. -0.006 min

Lab File: VX048583.D

Acq: 12 Nov 2025 16:56

Instrument :

MSVOA_X

ClientSampleId :

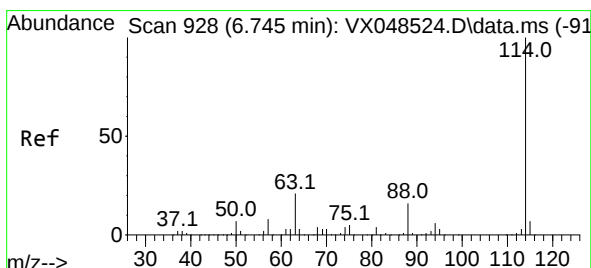
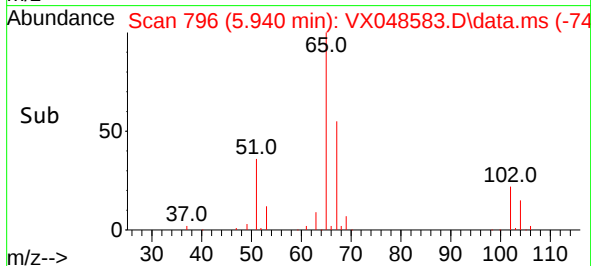
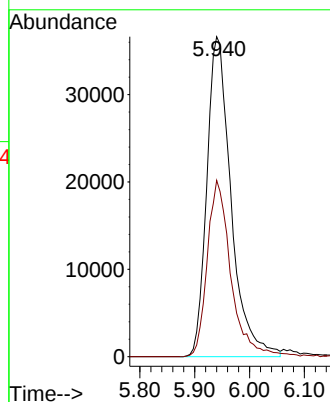
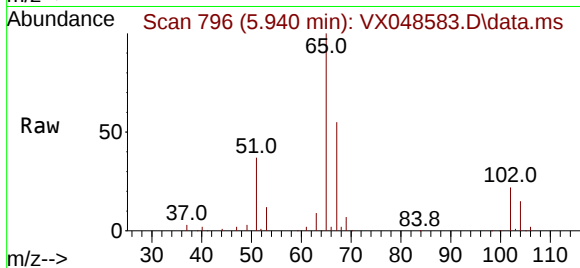
LOQ-WATER-02-QT3-2025

Tgt Ion: 65 Resp: 112198

Ion Ratio Lower Upper

65 100

67 53.9 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048583.D

Acq: 12 Nov 2025 16:56

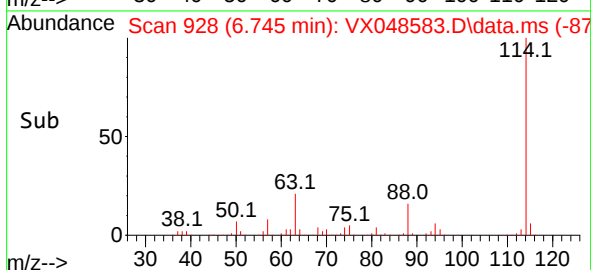
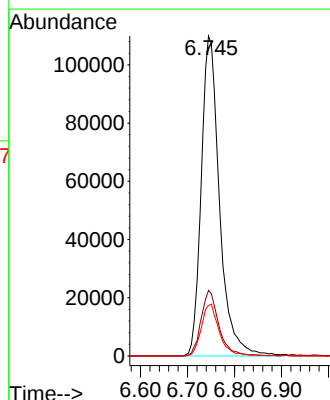
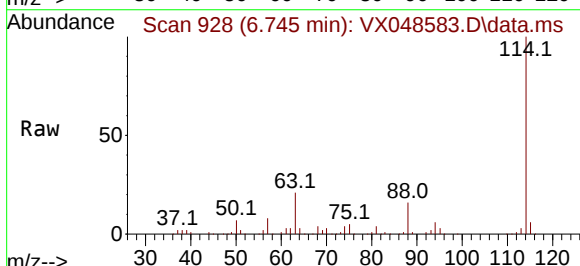
Tgt Ion: 114 Resp: 297101

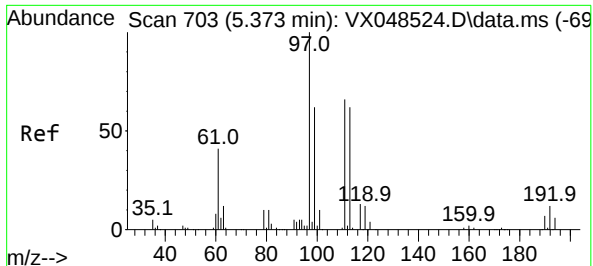
Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.2

88 15.8 0.0 32.2

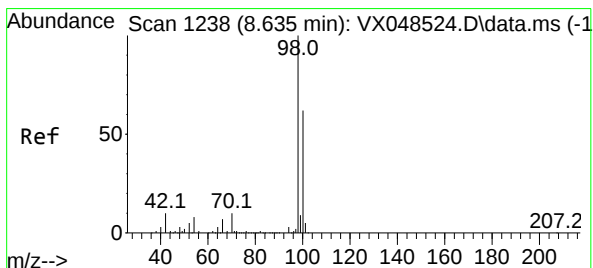
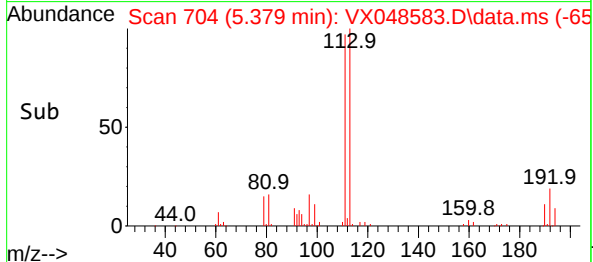
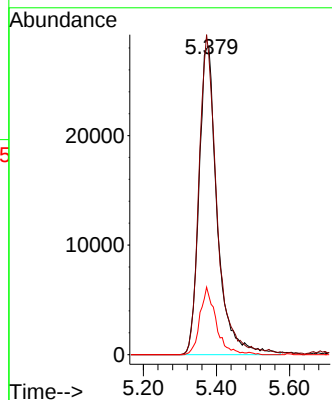
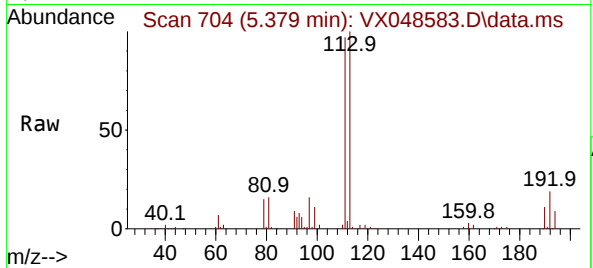




#35
Dibromofluoromethane
Concen: 43.510 ug/l
RT: 5.379 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX048583.D
Acq: 12 Nov 2025 16:56

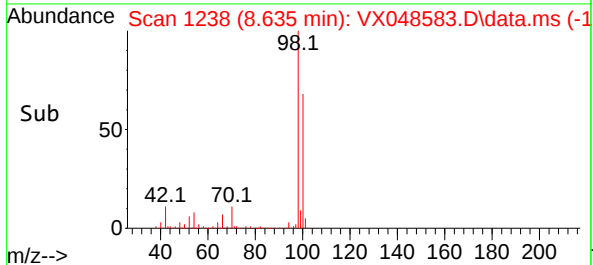
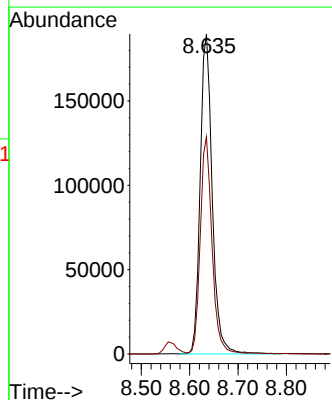
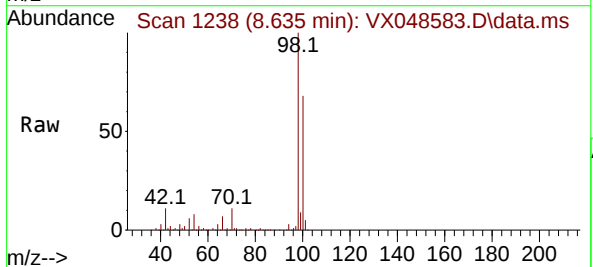
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2025

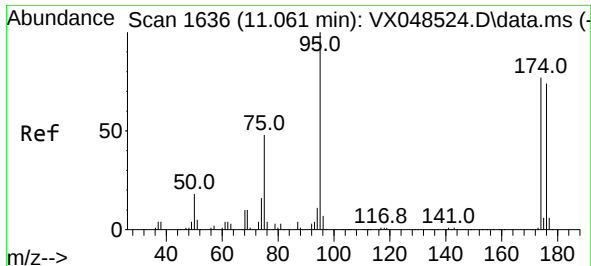
Tgt Ion:113 Resp: 97839
Ion Ratio Lower Upper
113 100
111 100.6 81.9 122.9
192 19.2 15.8 23.6



#50
Toluene-d8
Concen: 46.673 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048583.D
Acq: 12 Nov 2025 16:56

Tgt Ion: 98 Resp: 327324
Ion Ratio Lower Upper
98 100
100 65.4 53.6 80.4

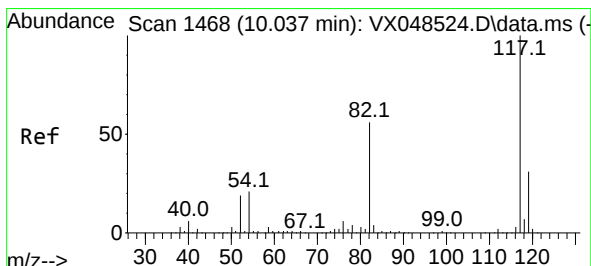
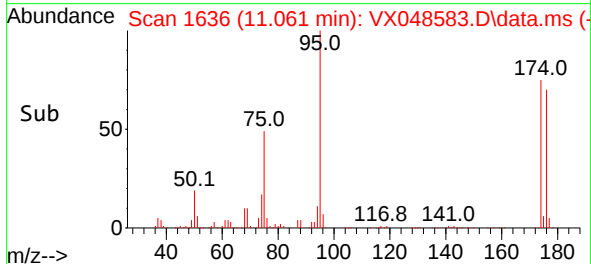
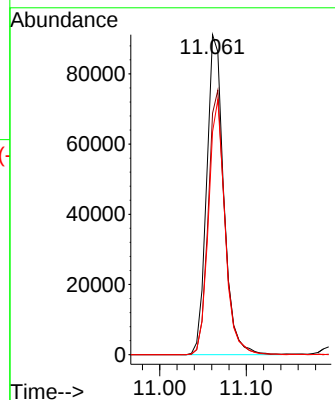
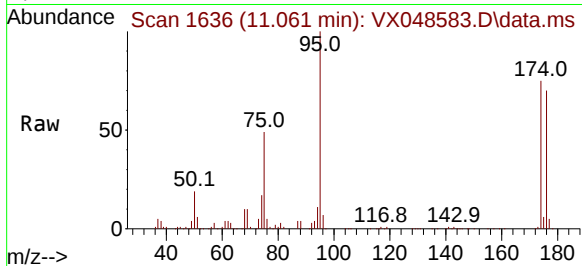




#62
4-Bromofluorobenzene
Concen: 47.802 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048583.D
Acq: 12 Nov 2025 16:56

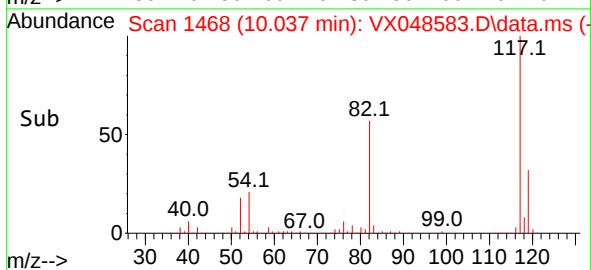
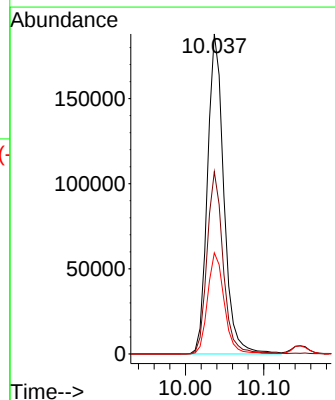
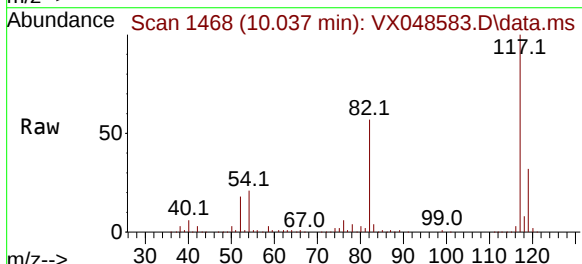
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2025

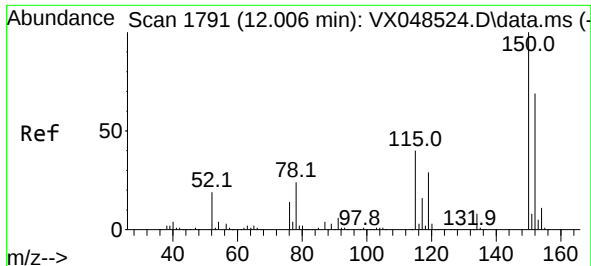
Tgt Ion: 95 Resp: 124934
Ion Ratio Lower Upper
95 100
174 81.1 0.0 161.8
176 77.2 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048583.D
Acq: 12 Nov 2025 16:56

Tgt Ion: 117 Resp: 272731
Ion Ratio Lower Upper
117 100
82 57.0 44.4 66.6
119 31.6 25.1 37.7

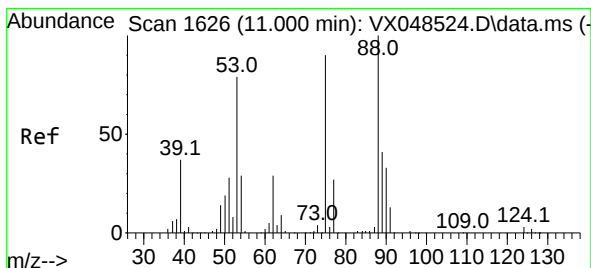
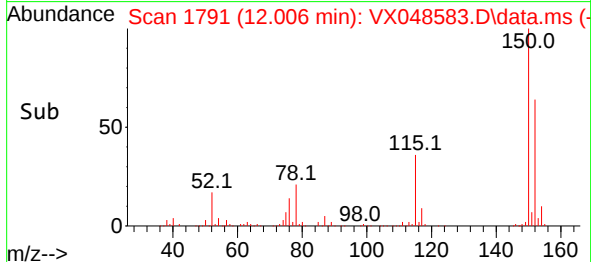
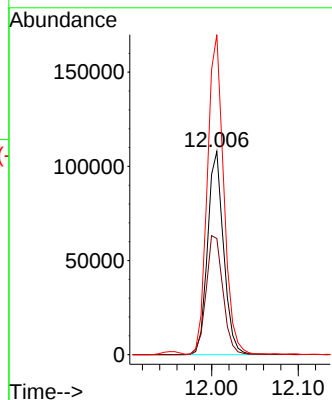
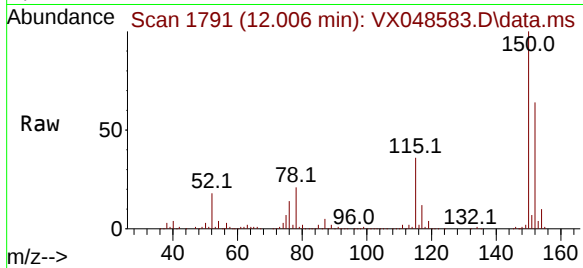




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048583.D
Acq: 12 Nov 2025 16:56

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2025

Tgt Ion:152 Resp: 138664
Ion Ratio Lower Upper
152 100
115 62.1 39.2 117.6
150 160.0 0.0 347.0



#81
trans-1,4-Dichloro-2-butene
Concen: 4.057 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048583.D
Acq: 12 Nov 2025 16:56

Tgt Ion: 75 Resp: 4738
Ion Ratio Lower Upper
75 100
53 92.9 72.4 108.6
89 78.0 43.6 65.4#

