

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121625\
 Data File : VX048903.D
 Acq On : 16 Dec 2025 21:16
 Operator : JC/MD
 Sample : Q3850-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Dec 17 03:30:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 17 03:22:16 2025
 Response via : Initial Calibration

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

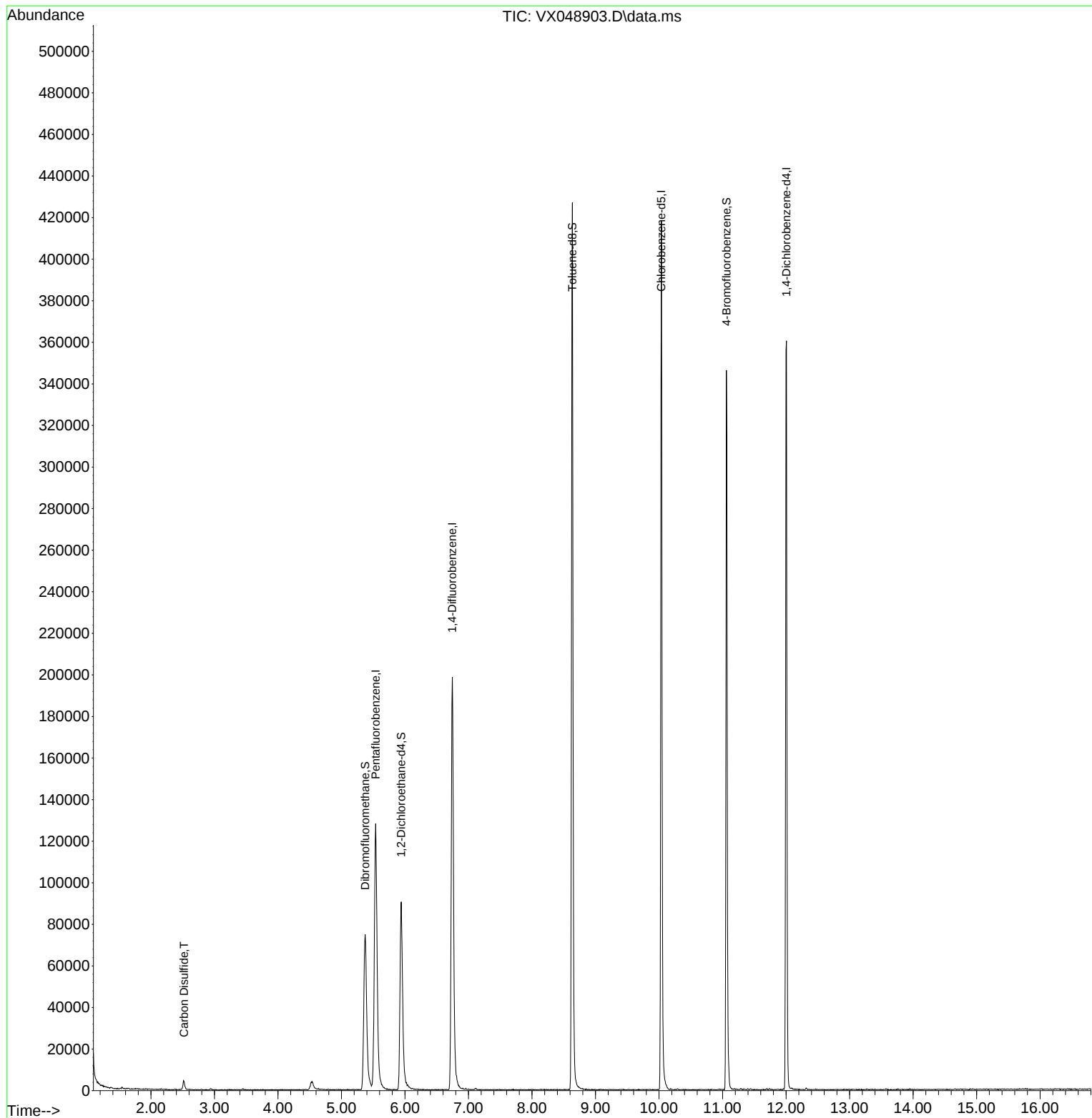
Internal Standards						
1) Pentafluorobenzene	5.538	168	126689	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	213949	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	189559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	79117	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	96843	45.731	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.460%
35) Dibromofluoromethane	5.373	113	73911	46.478	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.960%
50) Toluene-d8	8.635	98	260868	45.949	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.900%#
62) 4-Bromofluorobenzene	11.061	95	95077	46.645	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.280%
Target Compounds						
17) Carbon Disulfide	2.520	76	1589	0.398	ug/l	Qvalue # 90

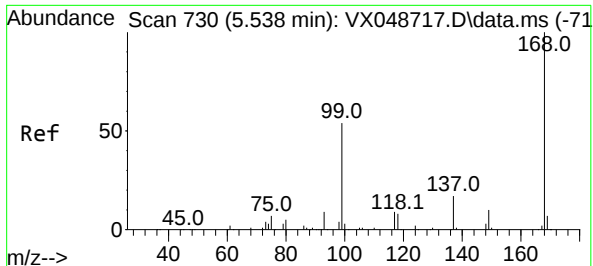
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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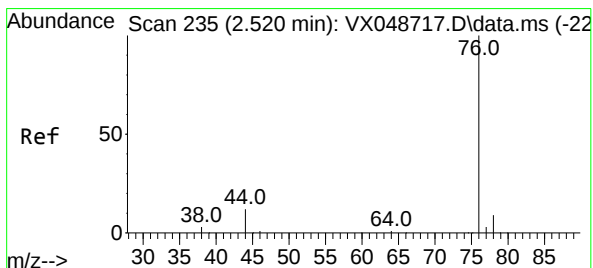
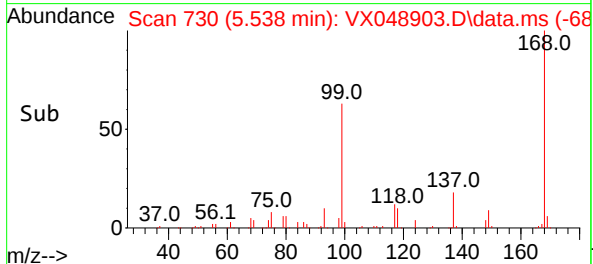
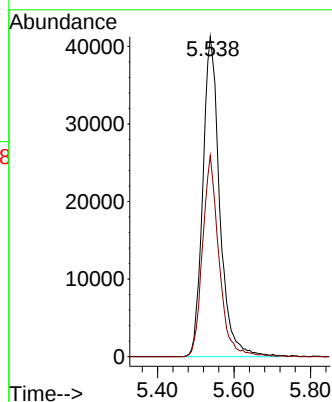
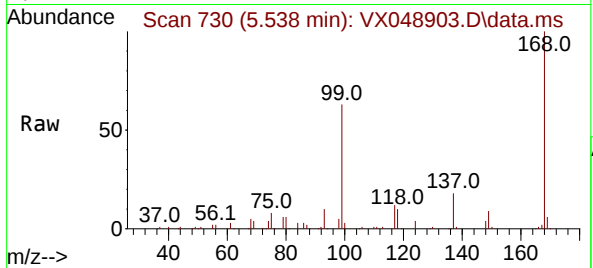




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048903.D
Acq: 16 Dec 2025 21:16

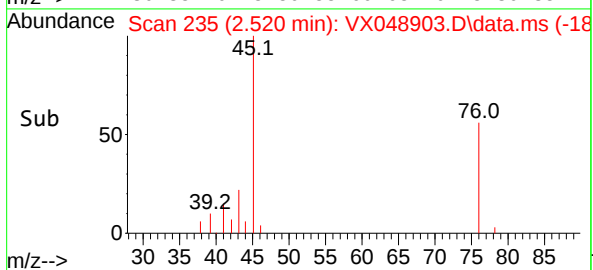
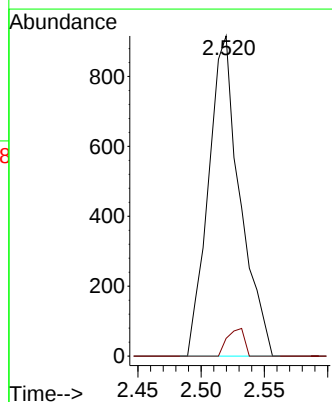
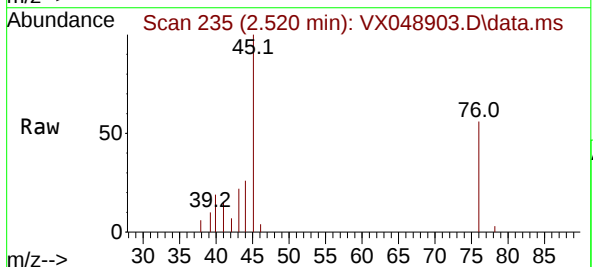
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

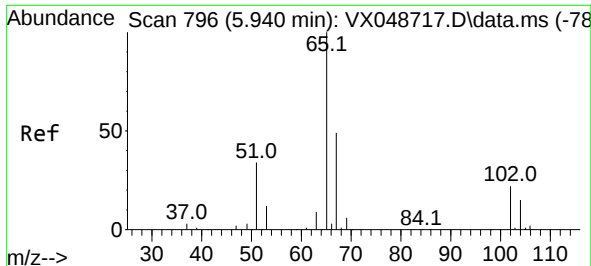
Tgt Ion:168 Resp: 126689
Ion Ratio Lower Upper
168 100
99 62.8 44.2 66.4



#17
Carbon Disulfide
Concen: 0.398 ug/l
RT: 2.520 min Scan# 235
Delta R.T. -0.000 min
Lab File: VX048903.D
Acq: 16 Dec 2025 21:16

Tgt Ion: 76 Resp: 1589
Ion Ratio Lower Upper
76 100
78 5.6 7.4 11.2#

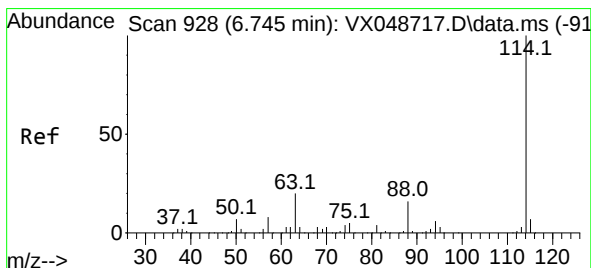
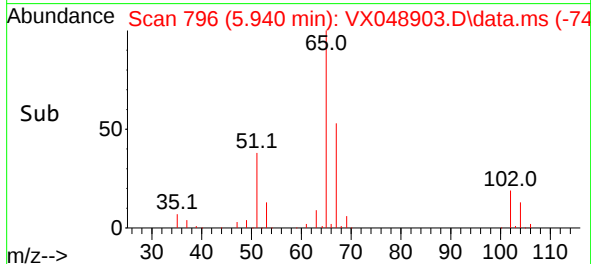
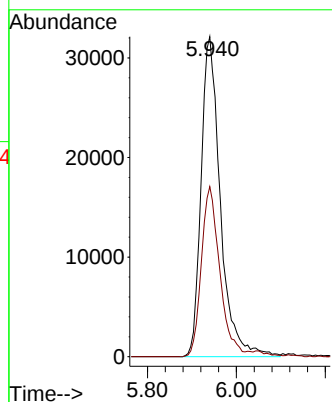
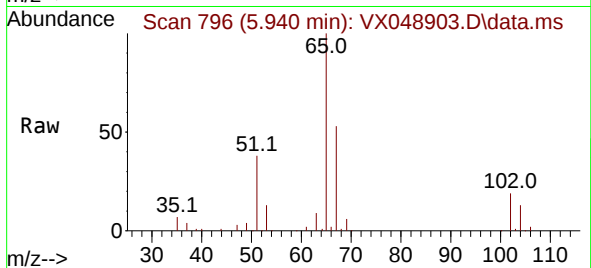




#33
 1,2-Dichloroethane-d4
 Concen: 45.731 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VX048903.D
 Acq: 16 Dec 2025 21:16

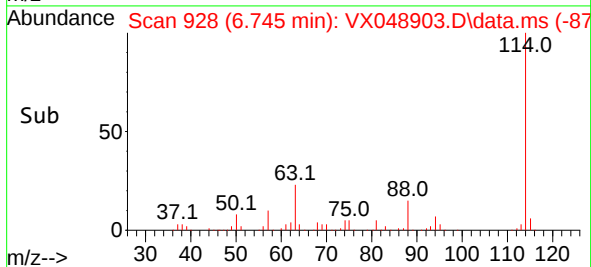
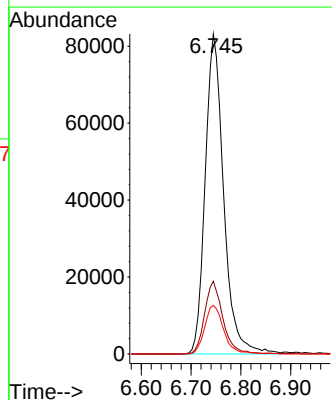
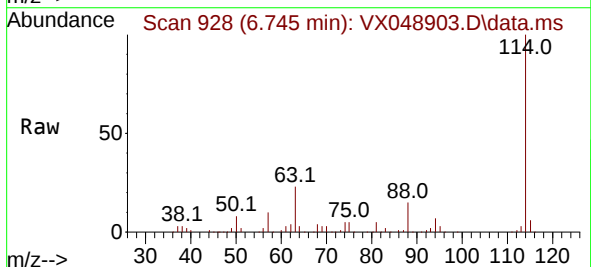
Instrument : MSVOA_X
 ClientSampleId : STORAGE-BLANK-WATER-REF-4

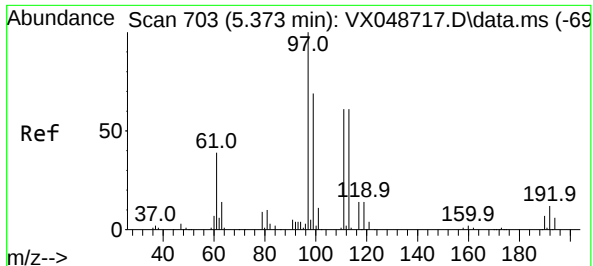
Tgt Ion: 65 Resp: 96843
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 928
 Delta R.T. -0.000 min
 Lab File: VX048903.D
 Acq: 16 Dec 2025 21:16

Tgt Ion: 114 Resp: 213949
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 39.0
 88 15.1 0.0 31.8

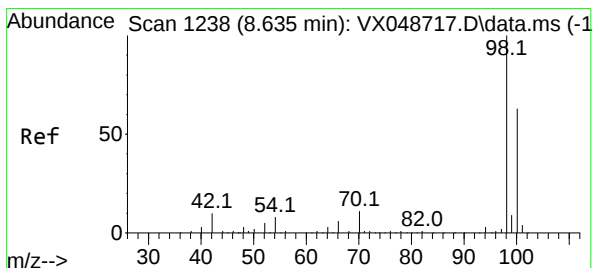
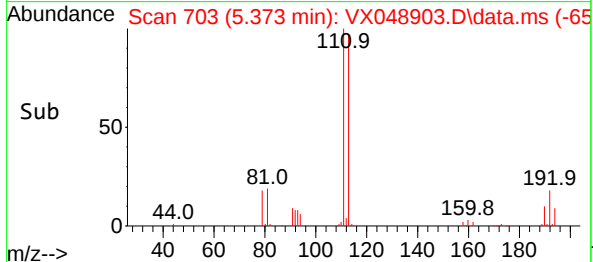
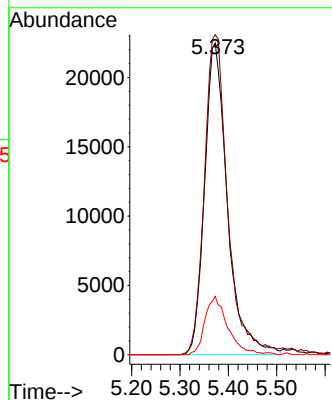
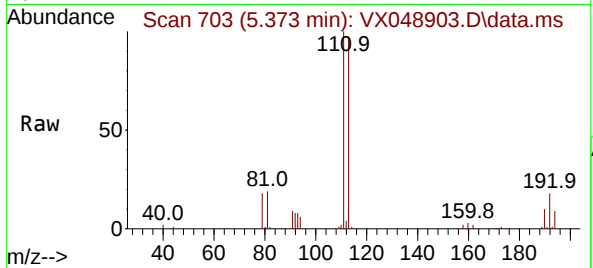




#35
Dibromofluoromethane
Concen: 46.478 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX048903.D
Acq: 16 Dec 2025 21:16

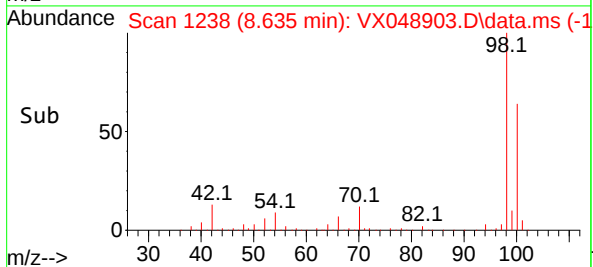
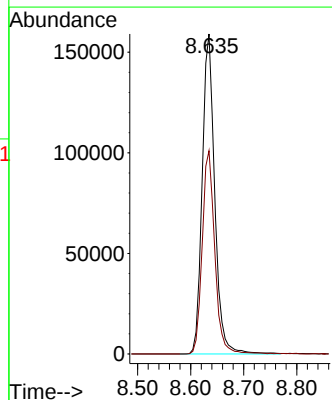
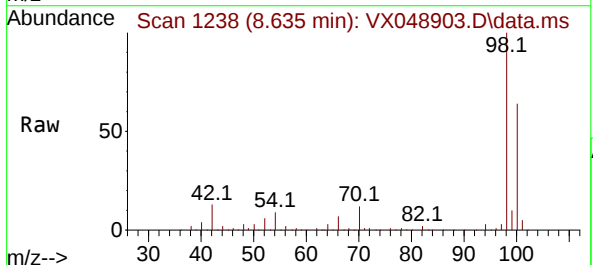
Instrument :
MSVOA_X
ClientSampleId :
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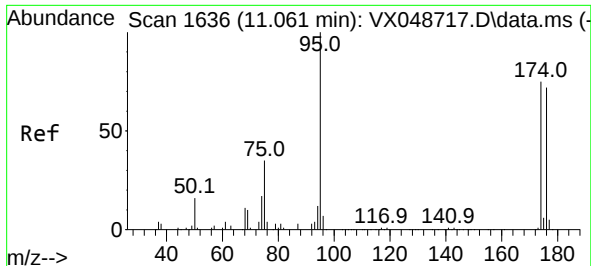
Tgt Ion:113 Resp: 73911
Ion Ratio Lower Upper
113 100
111 104.2 79.5 119.3
192 18.5 16.1 24.1



#50
Toluene-d8
Concen: 45.949 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048903.D
Acq: 16 Dec 2025 21:16

Tgt Ion: 98 Resp: 260868
Ion Ratio Lower Upper
98 100
100 63.7 53.4 80.0

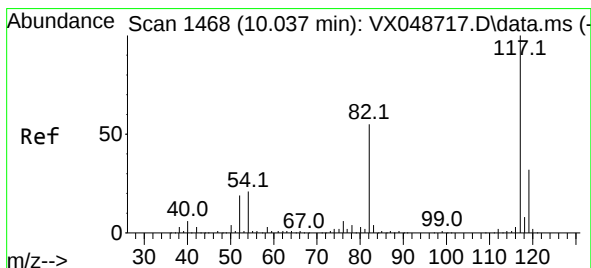
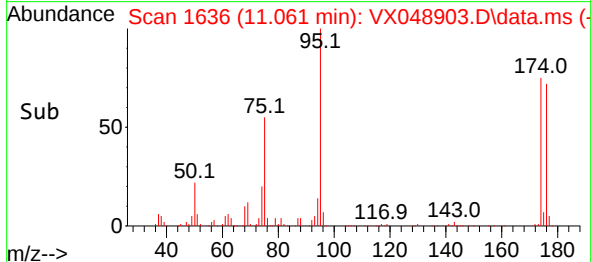
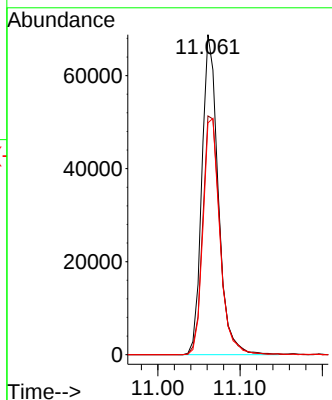
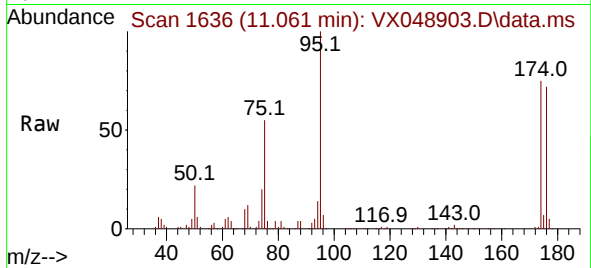




#62
4-Bromofluorobenzene
Concen: 46.645 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048903.D
Acq: 16 Dec 2025 21:16

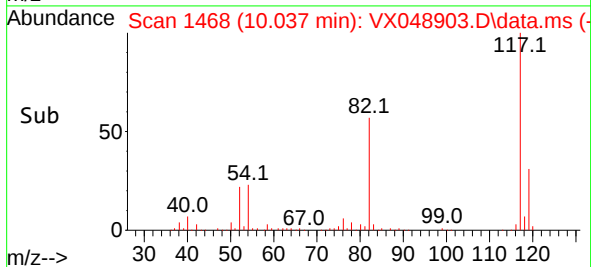
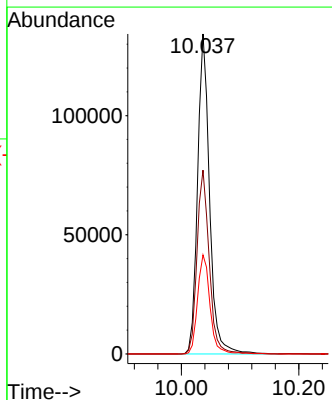
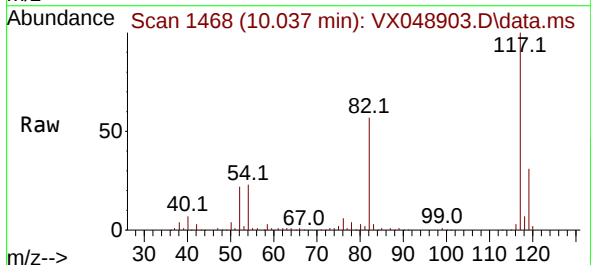
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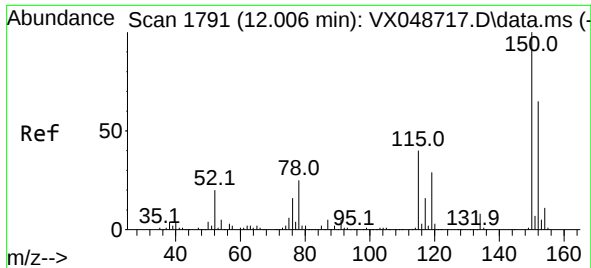
Tgt Ion: 95 Resp: 95077
Ion Ratio Lower Upper
95 100
174 79.2 0.0 157.8
176 76.3 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048903.D
Acq: 16 Dec 2025 21:16

Tgt Ion: 117 Resp: 189559
Ion Ratio Lower Upper
117 100
82 57.5 44.1 66.1
119 31.0 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX048903.D

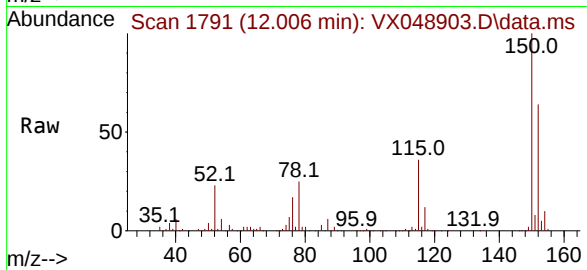
Acq: 16 Dec 2025 21:16

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4



Tgt Ion:152 Resp: 79117

Ion Ratio Lower Upper

152 100

115 59.0 42.1 126.4

150 159.9 0.0 347.8

