

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121625\
 Data File : VX048904.D
 Acq On : 16 Dec 2025 21:36
 Operator : JC/MD
 Sample : Q3850-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAGEMENT

Quant Time: Dec 17 03:30:43 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)

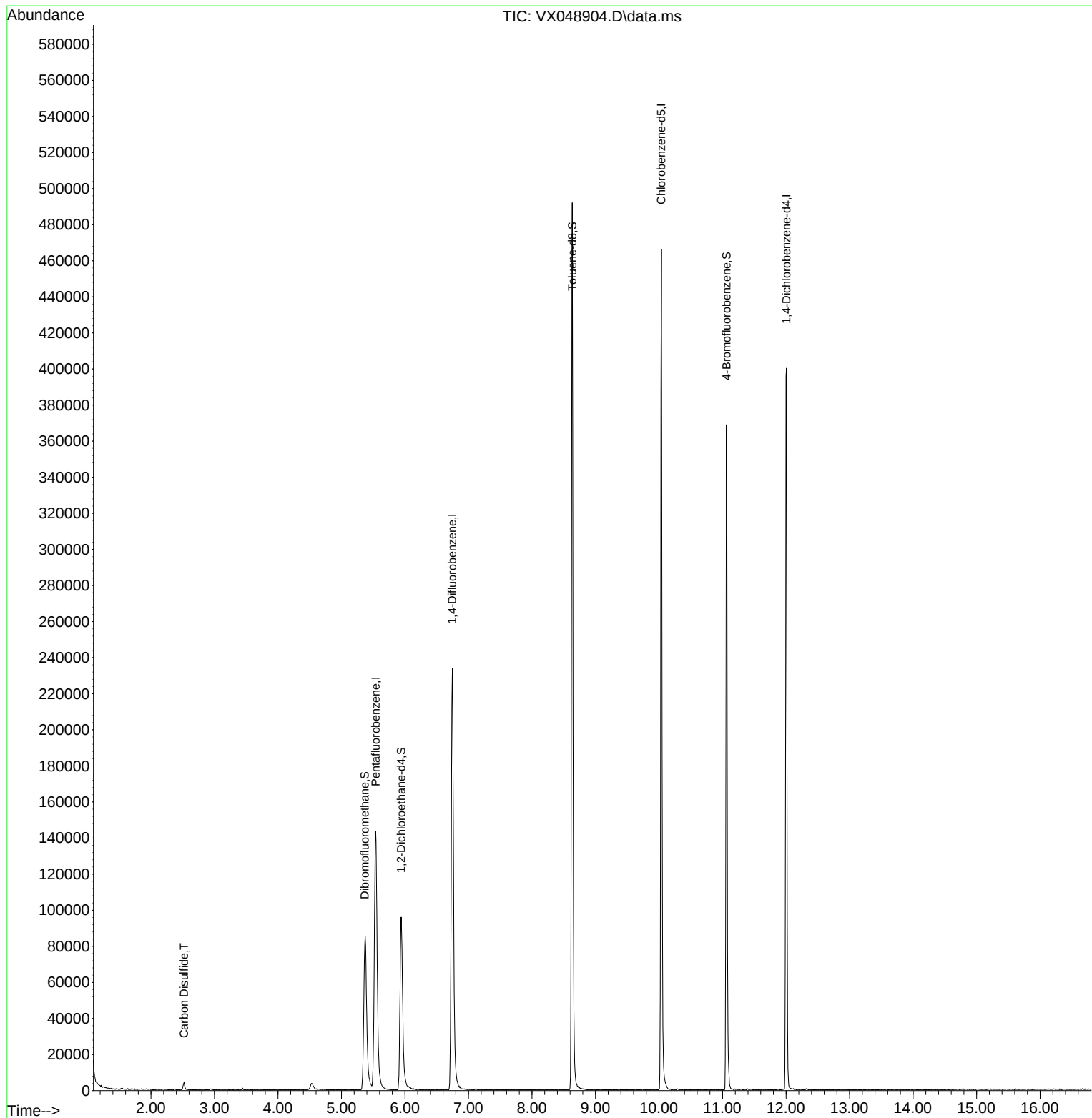
Internal Standards						
1) Pentafluorobenzene	5.538	168	147193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	251066	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	209826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	88666	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	103740	42.164	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.320%
35) Dibromofluoromethane	5.367	113	83492	44.741	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.480%
50) Toluene-d8	8.635	98	303488	45.553	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.100%#
62) 4-Bromofluorobenzene	11.061	95	100970	42.213	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.420%
Target Compounds						
17) Carbon Disulfide	2.520	76	1899	0.409	ug/l	Qvalue 98

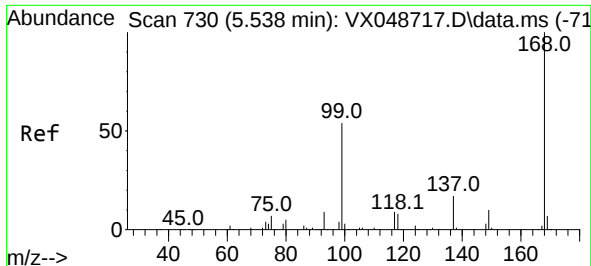
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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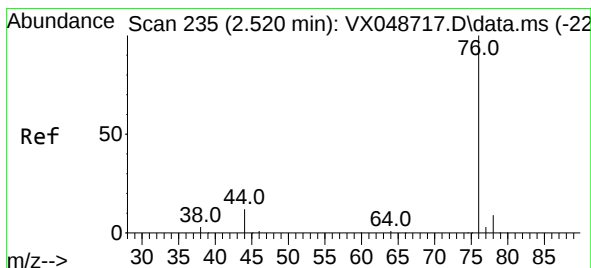
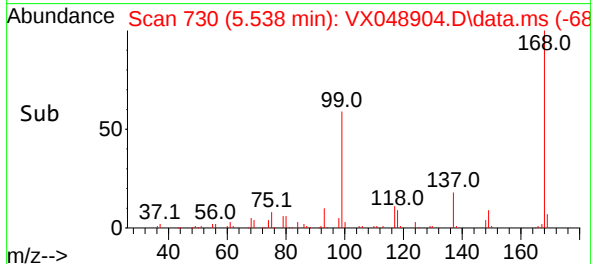
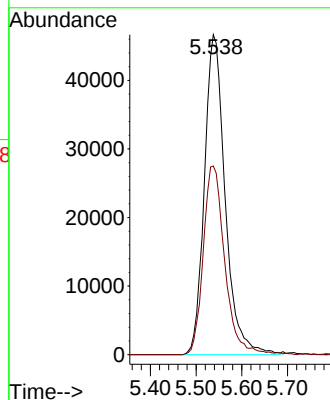
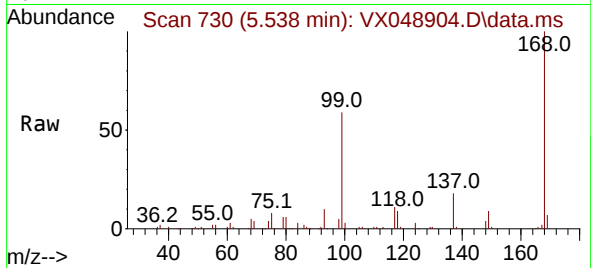




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048904.D
Acq: 16 Dec 2025 21:36

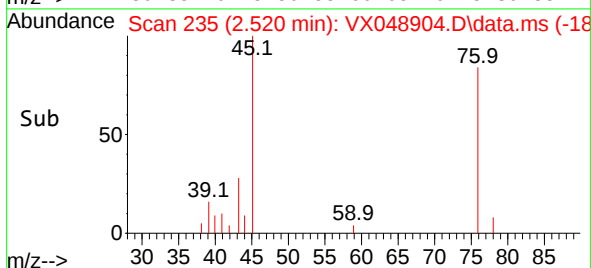
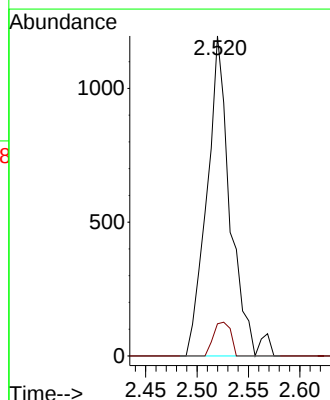
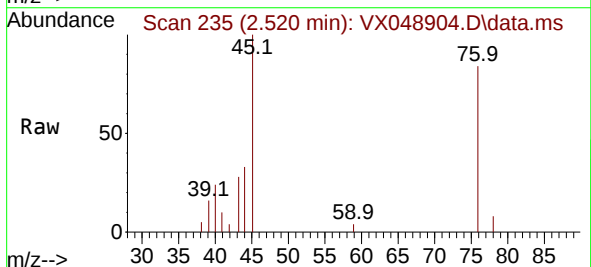
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

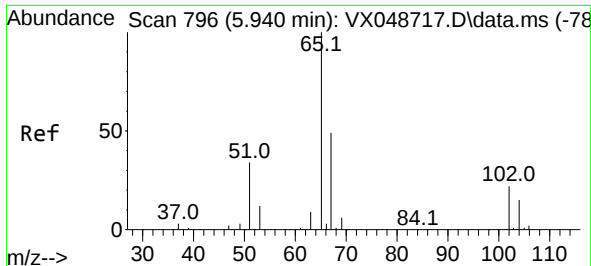
Tgt Ion:168 Resp: 147193
Ion Ratio Lower Upper
168 100
99 59.0 44.2 66.4



#17
Carbon Disulfide
Concen: 0.409 ug/l
RT: 2.520 min Scan# 235
Delta R.T. -0.000 min
Lab File: VX048904.D
Acq: 16 Dec 2025 21:36

Tgt Ion: 76 Resp: 1899
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.2





#33

1,2-Dichloroethane-d4

Concen: 42.164 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048904.D

Acq: 16 Dec 2025 21:36

Instrument :

MSVOA_X

ClientSampleId :

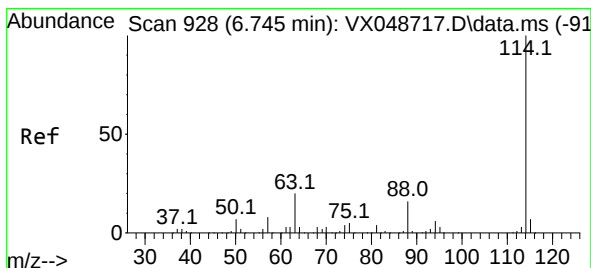
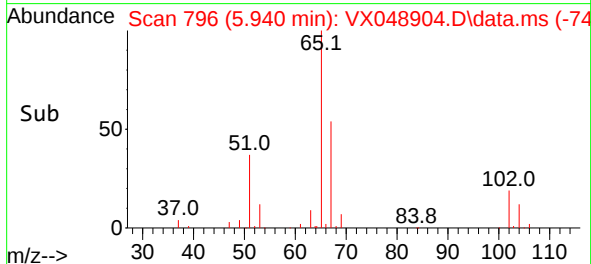
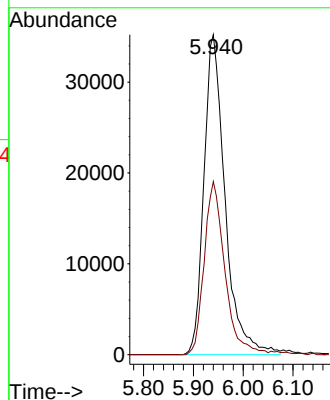
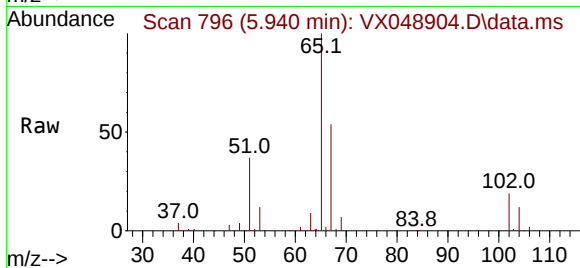
STORAGE-BLANK-SAMPLE-MANAGEMENT

Tgt Ion: 65 Resp: 103740

Ion Ratio Lower Upper

65 100

67 52.7 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: VX048904.D

Acq: 16 Dec 2025 21:36

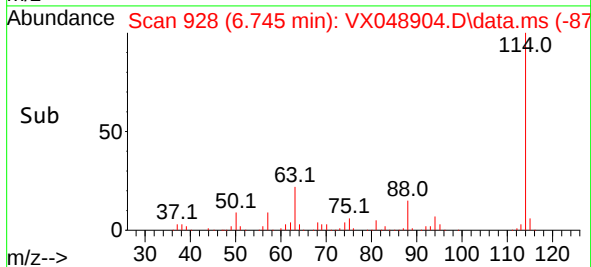
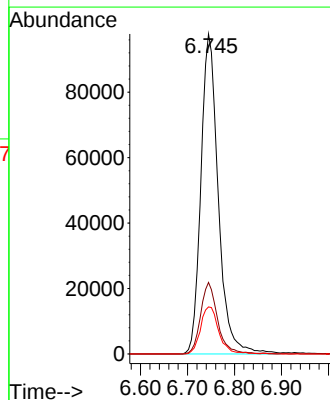
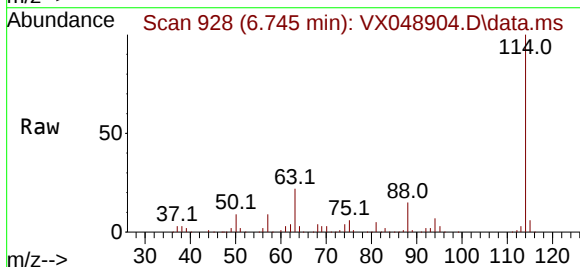
Tgt Ion: 114 Resp: 251066

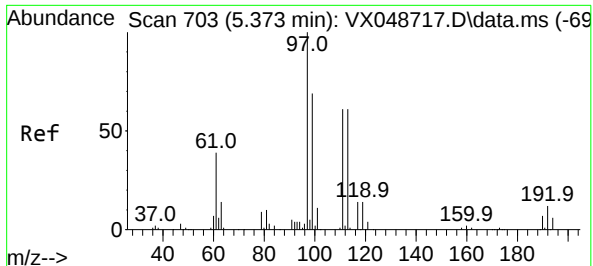
Ion Ratio Lower Upper

114 100

63 22.4 0.0 39.0

88 14.7 0.0 31.8

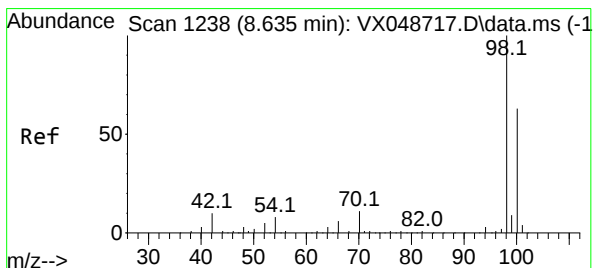
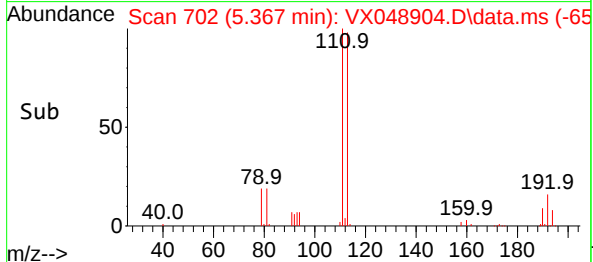
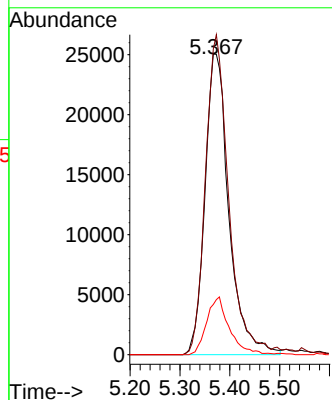
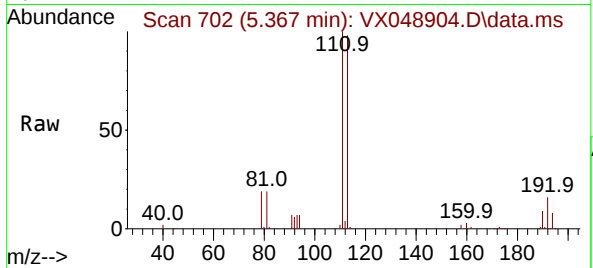




#35
Dibromofluoromethane
Concen: 44.741 ug/l
RT: 5.367 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048904.D
Acq: 16 Dec 2025 21:36

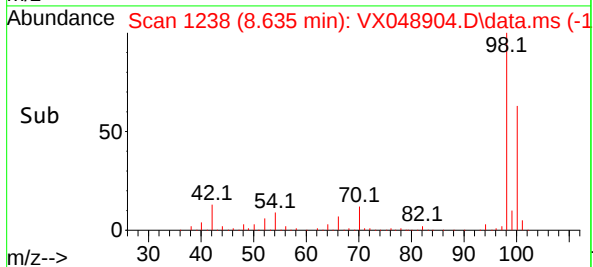
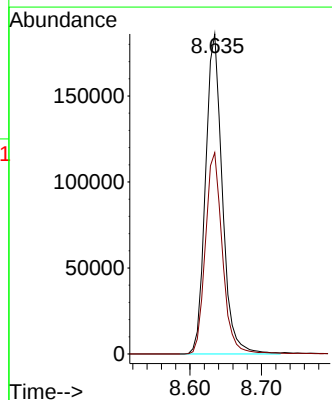
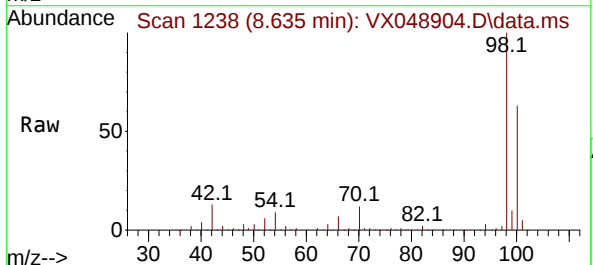
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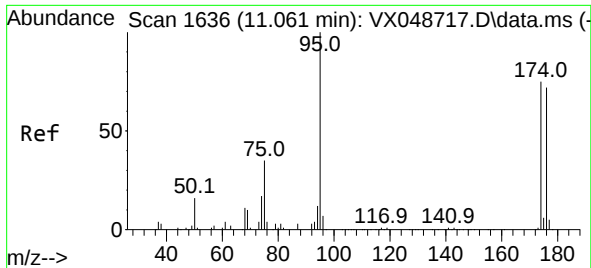
Tgt Ion:113 Resp: 83492
Ion Ratio Lower Upper
113 100
111 103.1 79.5 119.3
192 18.2 16.1 24.1



#50
Toluene-d8
Concen: 45.553 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048904.D
Acq: 16 Dec 2025 21:36

Tgt Ion: 98 Resp: 303488
Ion Ratio Lower Upper
98 100
100 63.8 53.4 80.0

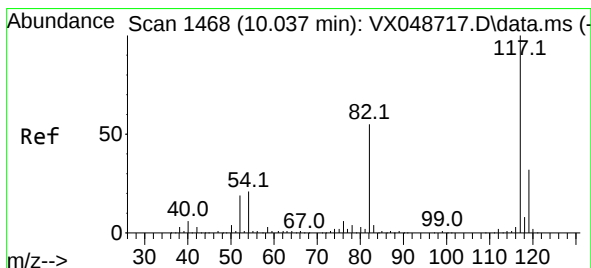
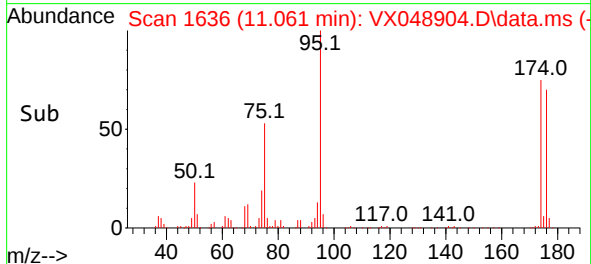
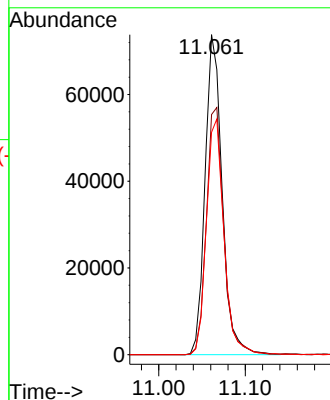
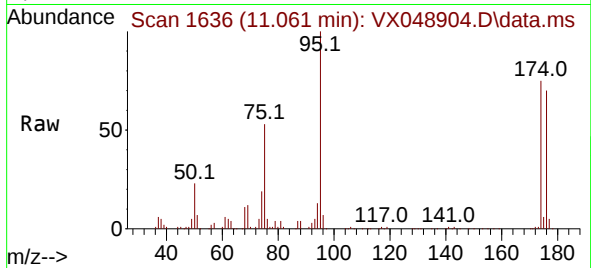




#62
4-Bromofluorobenzene
Concen: 42.213 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048904.D
Acq: 16 Dec 2025 21:36

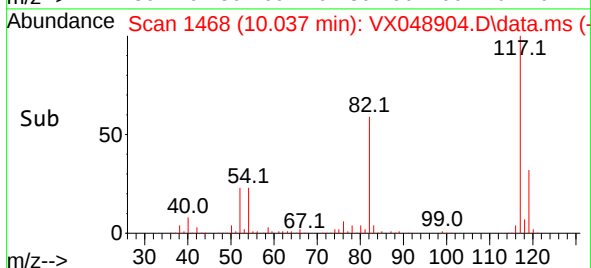
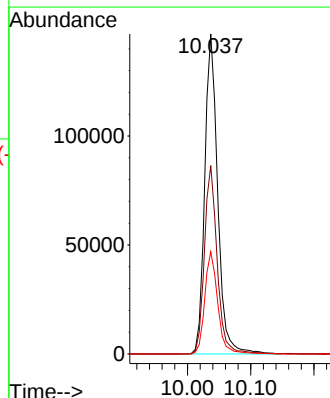
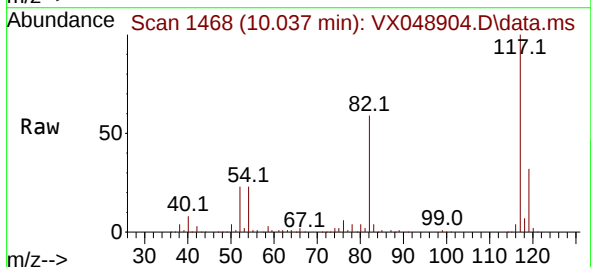
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MSVOA_X
ClientSampleId :
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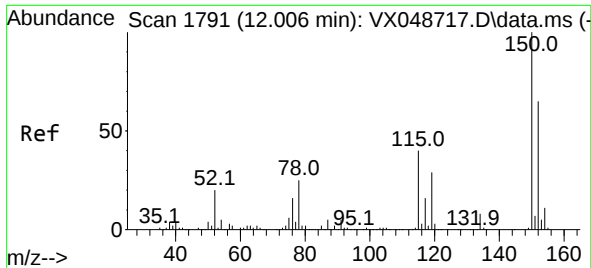
Tgt Ion: 95 Resp: 100970
Ion Ratio Lower Upper
95 100
174 78.8 0.0 157.8
176 75.9 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048904.D
Acq: 16 Dec 2025 21:36

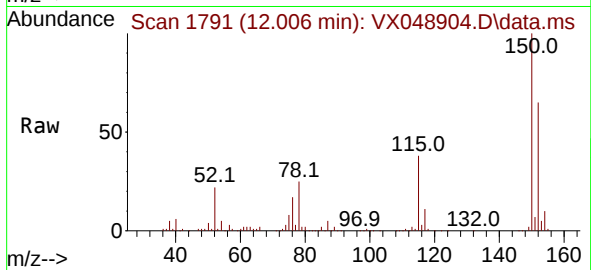
Tgt Ion: 117 Resp: 209826
Ion Ratio Lower Upper
117 100
82 58.9 44.1 66.1
119 31.9 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX048904.D
 Acq: 16 Dec 2025 21:36

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAGEMENT



Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.5	42.1	126.4
150	154.2	0.0	347.8

