

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121625\
 Data File : VX048905.D
 Acq On : 16 Dec 2025 21:57
 Operator : JC/MD
 Sample : Q3849-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-121125

Quant Time: Dec 17 03:31:00 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	5.544	168	122371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	214917	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	190896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	84898	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	96579	47.216	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.440%
35) Dibromofluoromethane	5.373	113	73583	46.063	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.120%
50) Toluene-d8	8.635	98	267576	46.918	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.840%
62) 4-Bromofluorobenzene	11.061	95	91303	44.592	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.180%

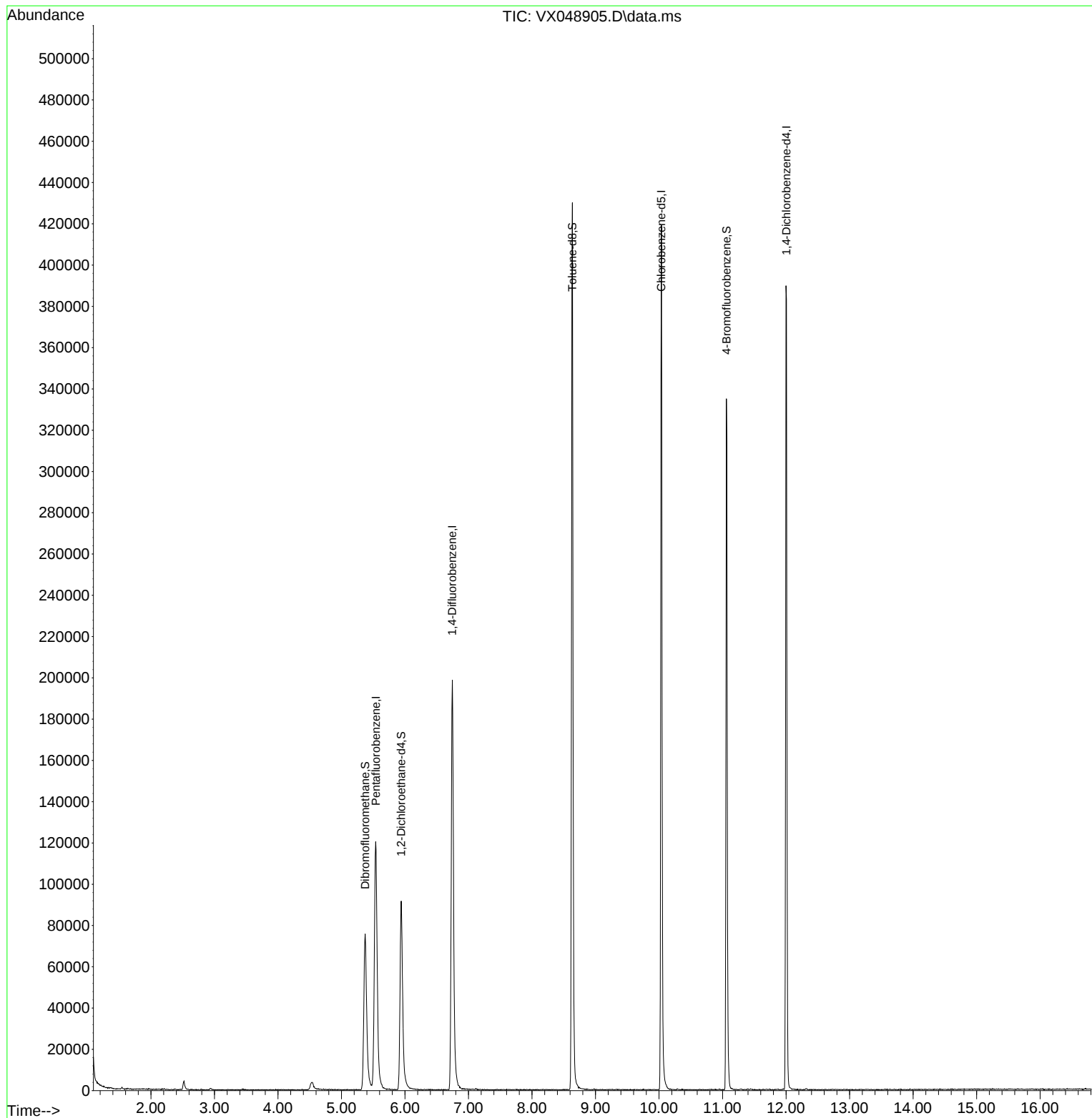
Target Compounds	Qvalue

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

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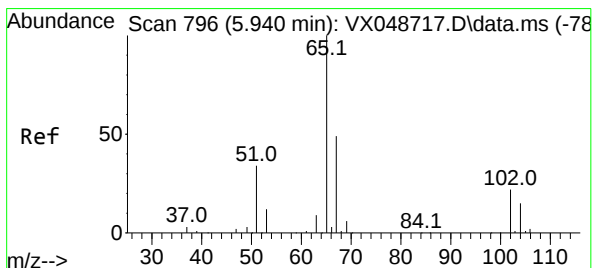
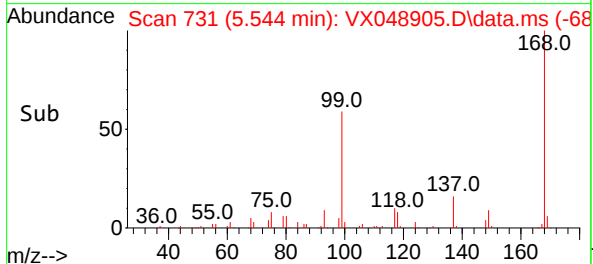
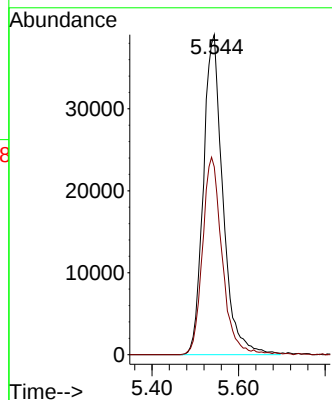
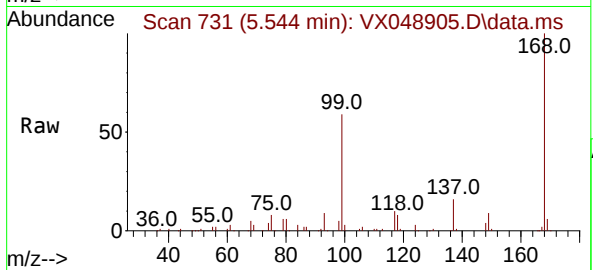




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX048905.D
Acq: 16 Dec 2025 21:57

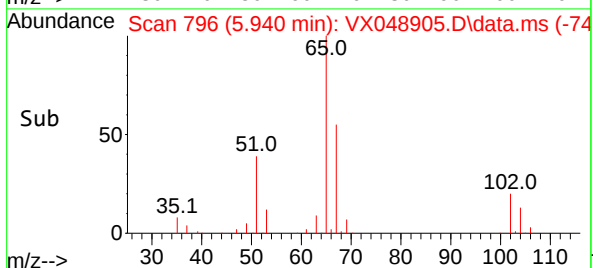
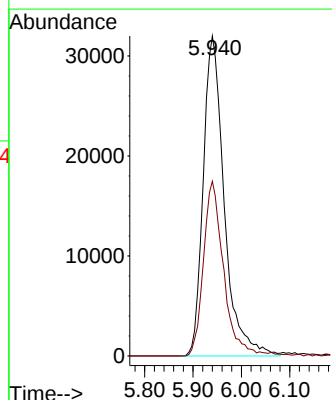
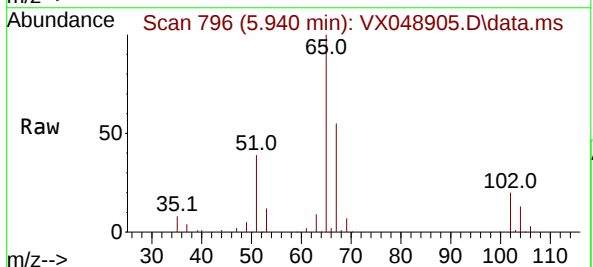
Instrument :
MSVOA_X
ClientSampleId :
TB01-121125

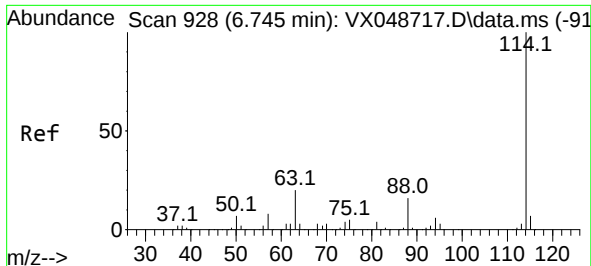
Tgt Ion:168 Resp: 122371
Ion Ratio Lower Upper
168 100
99 58.7 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 47.216 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048905.D
Acq: 16 Dec 2025 21:57

Tgt Ion: 65 Resp: 96579
Ion Ratio Lower Upper
65 100
67 52.7 0.0 107.4

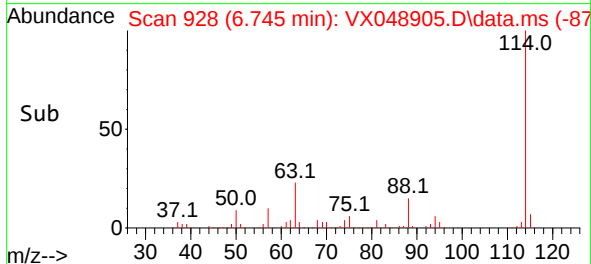
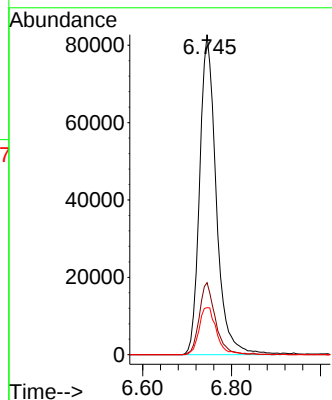
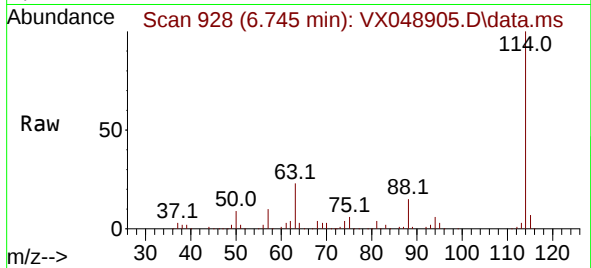




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048905.D
Acq: 16 Dec 2025 21:57

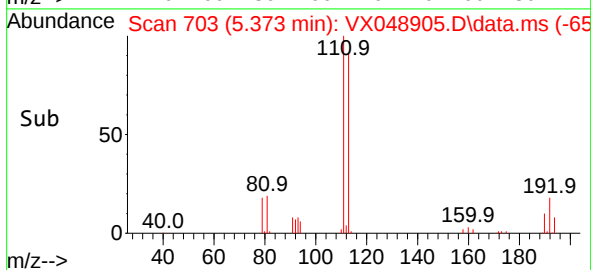
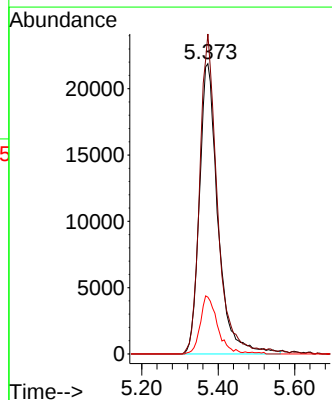
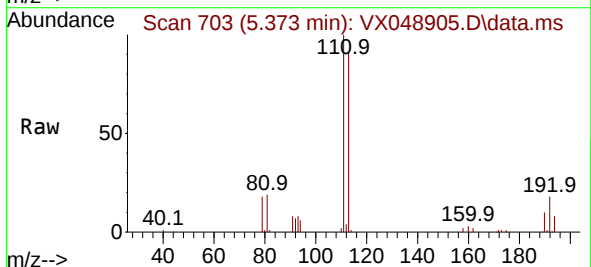
Instrument :
MSVOA_X
ClientSampleId :
TB01-121125

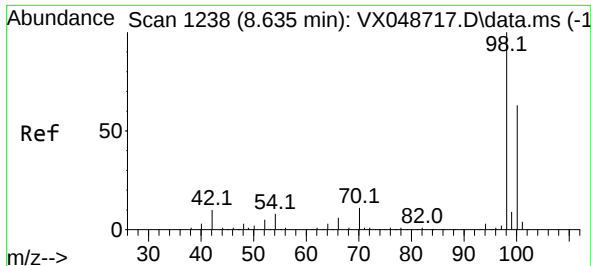
Tgt Ion:114 Resp: 214917
Ion Ratio Lower Upper
114 100
63 22.5 0.0 39.0
88 14.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.063 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX048905.D
Acq: 16 Dec 2025 21:57

Tgt Ion:113 Resp: 73583
Ion Ratio Lower Upper
113 100
111 104.5 79.5 119.3
192 18.5 16.1 24.1

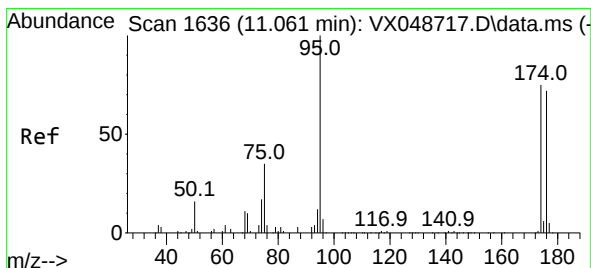
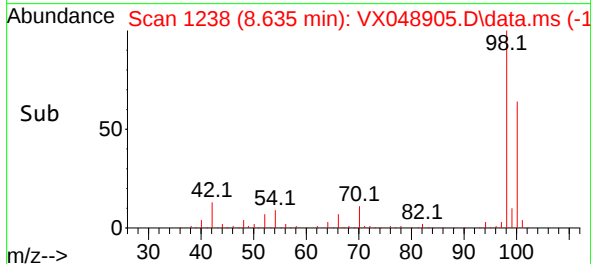
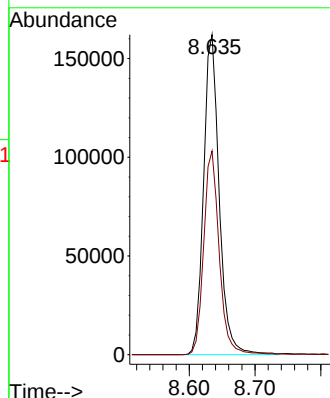
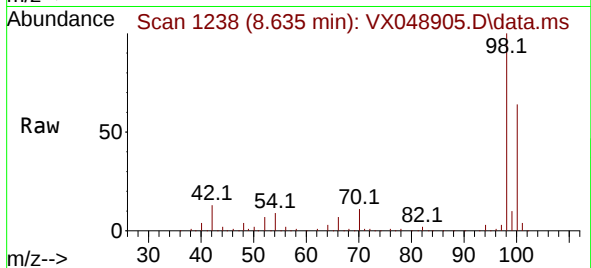




#50
Toluene-d8
Concen: 46.918 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048905.D
Acq: 16 Dec 2025 21:57

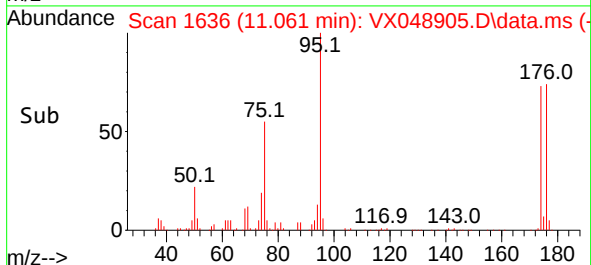
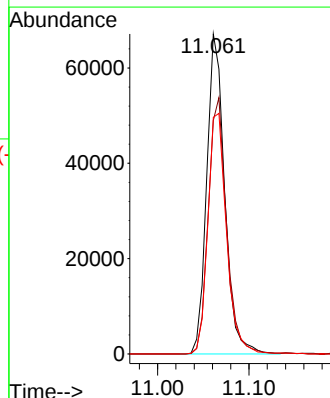
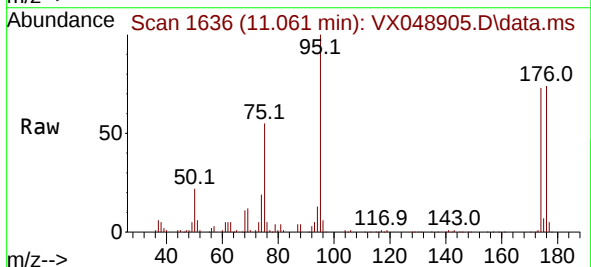
Instrument :
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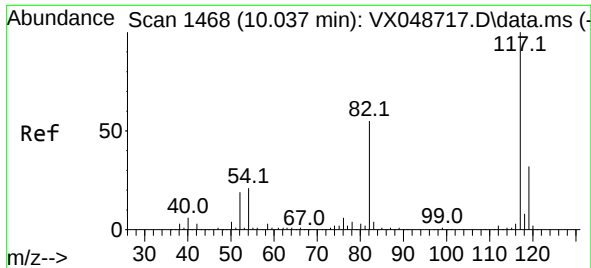
Tgt Ion: 98 Resp: 267576
Ion Ratio Lower Upper
98 100
100 63.4 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 44.592 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048905.D
Acq: 16 Dec 2025 21:57

Tgt Ion: 95 Resp: 91303
Ion Ratio Lower Upper
95 100
174 81.6 0.0 157.8
176 78.5 0.0 154.0

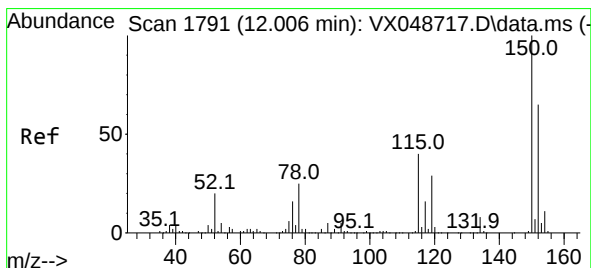
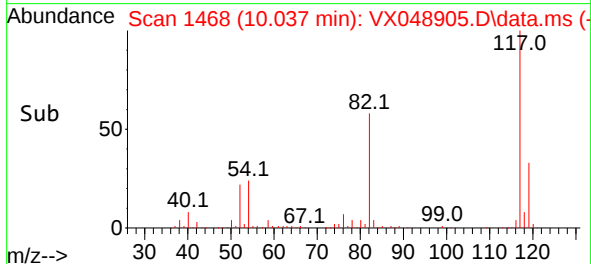
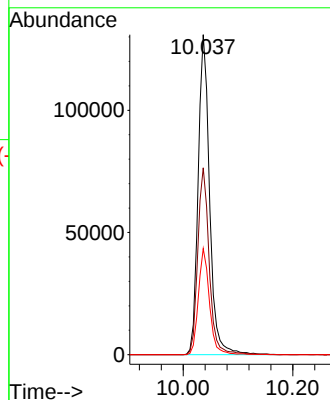
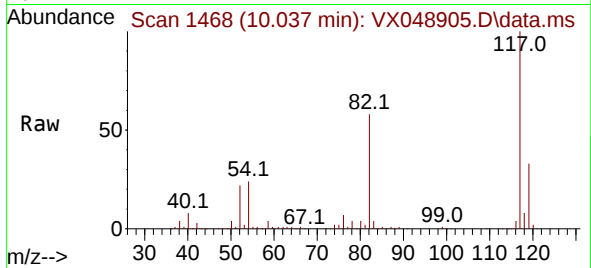




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048905.D
Acq: 16 Dec 2025 21:57

Instrument :
MSVOA_X
ClientSampleId :
TB01-121125

Tgt Ion:117 Resp: 190896
Ion Ratio Lower Upper
117 100
82 58.4 44.1 66.1
119 33.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VX048905.D
Acq: 16 Dec 2025 21:57

Tgt Ion:152 Resp: 84898
Ion Ratio Lower Upper
152 100
115 57.1 42.1 126.4
150 154.3 0.0 347.8

