

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100625\
 Data File : VV039267.D
 Acq On : 06 Oct 2025 12:35
 Operator : SY/MD
 Sample : VV1006WBL01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV1006WBL01

Quant Time: Oct 07 03:31:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 08:08:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	463806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	783914	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	804136	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	428242	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	340870	50.780	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	101.560%
35) Dibromofluoromethane	4.503	113	339151	53.816	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	107.640%
50) Toluene-d8	7.239	98	796316	43.023	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	86.040%#
62) 4-Bromofluorobenzene	10.001	95	368553	48.368	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	96.740%

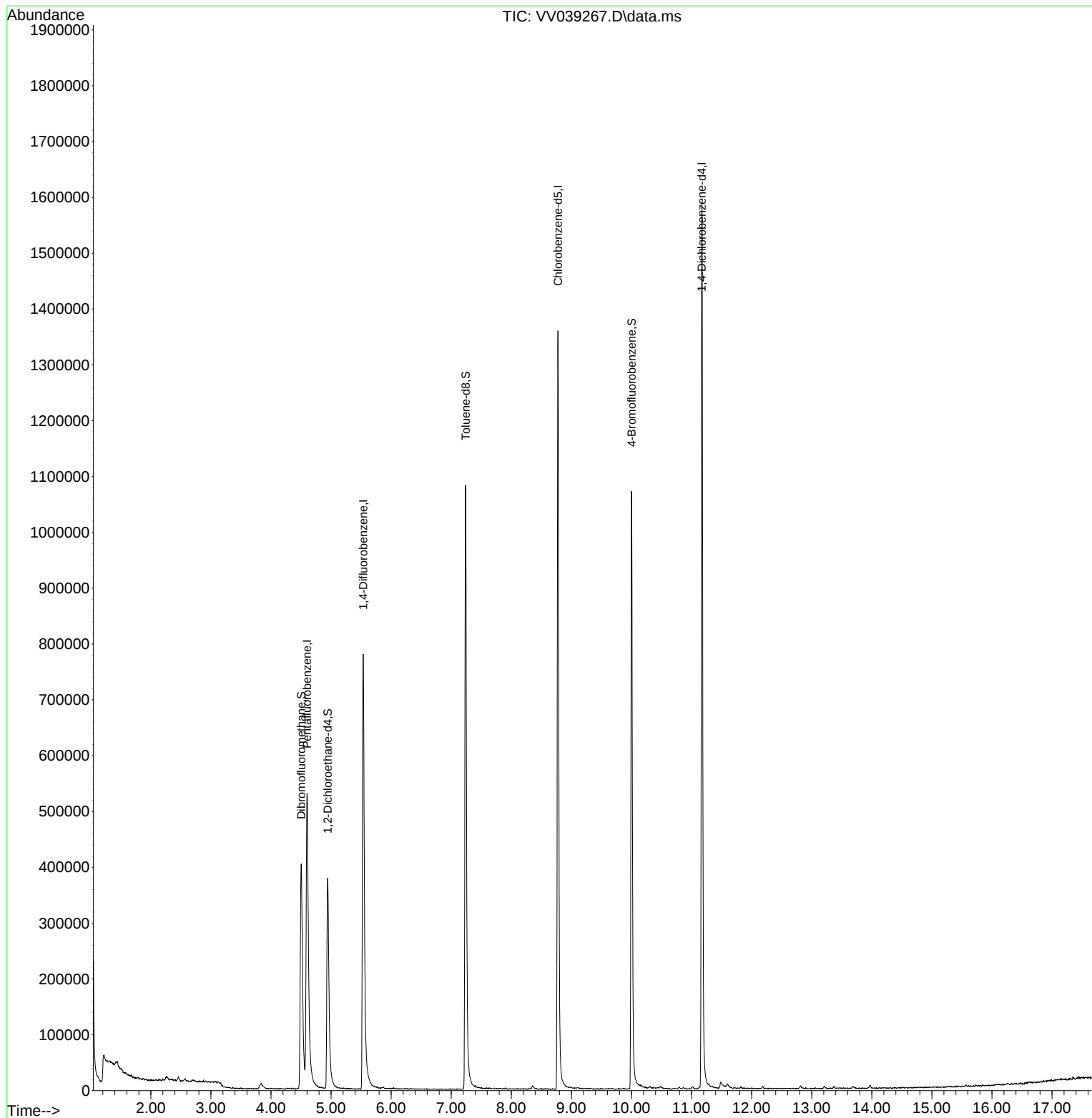
Target Compounds	Qvalue

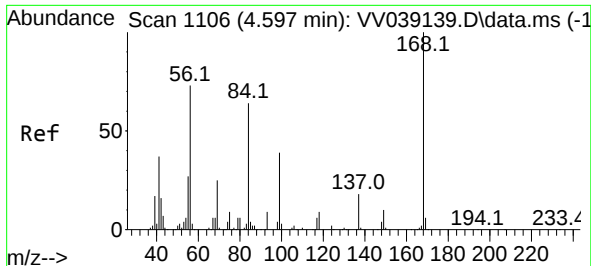
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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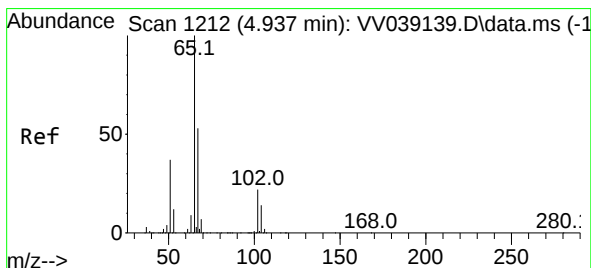
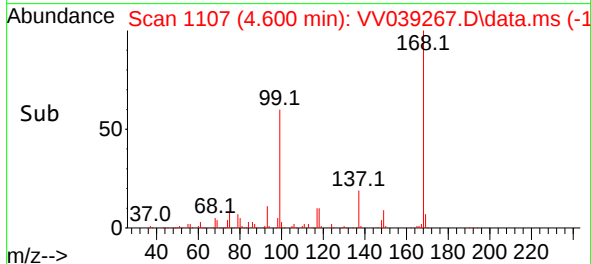
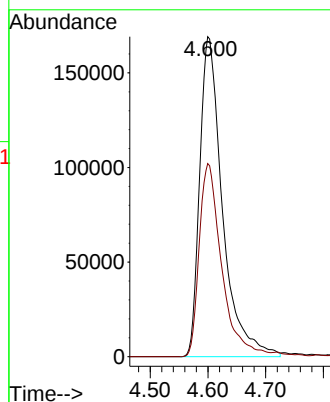
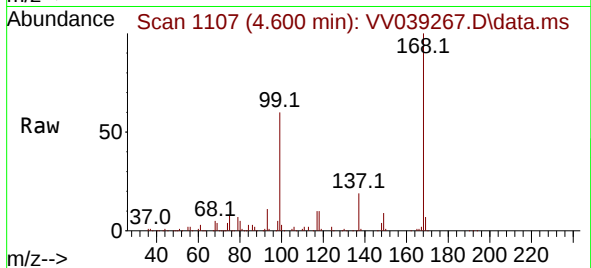




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1106
Delta R.T. 0.003 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

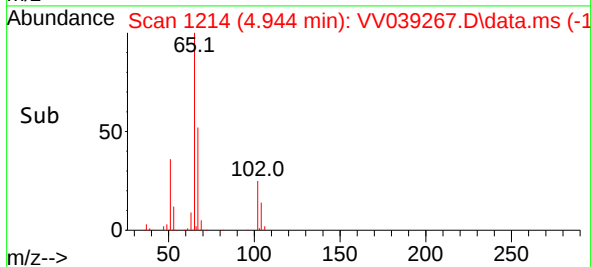
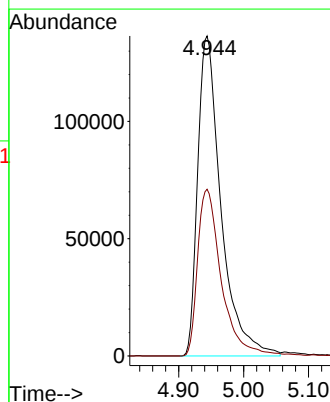
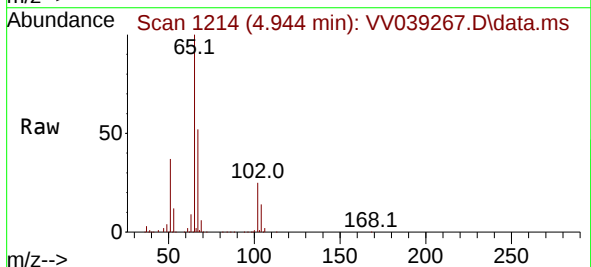
Instrument :
MSVOA_V
ClientSampleId :
VV1006WBL01

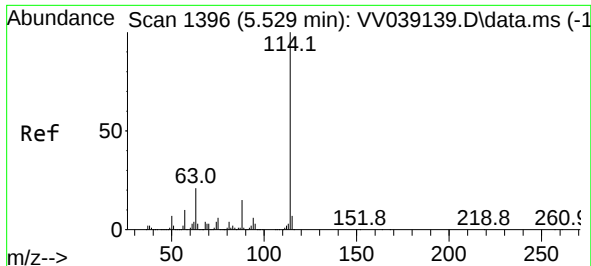
Tgt Ion:168 Resp: 463806
Ion Ratio Lower Upper
168 100
99 60.3 49.6 74.4



#33
1,2-Dichloroethane-d4
Concen: 50.780 ug/l
RT: 4.944 min Scan# 1214
Delta R.T. 0.006 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

Tgt Ion: 65 Resp: 340870
Ion Ratio Lower Upper
65 100
67 52.9 0.0 107.0

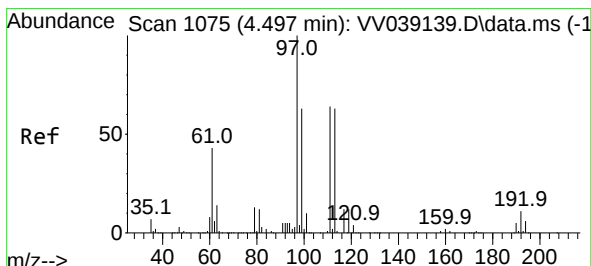
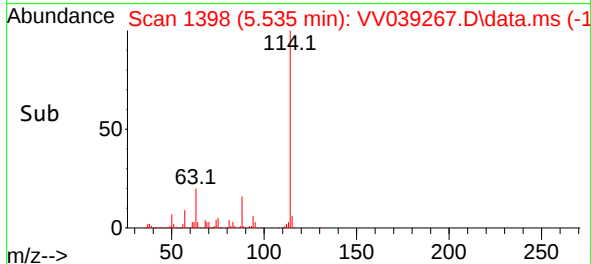
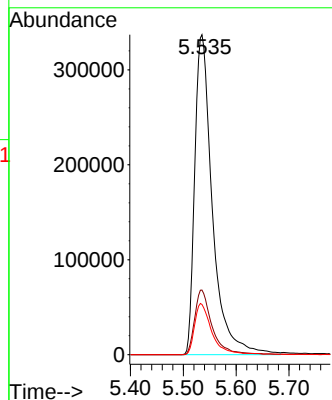
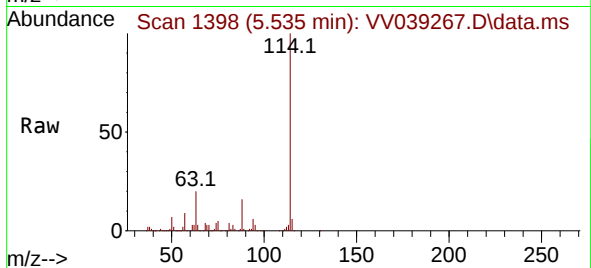




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.535 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

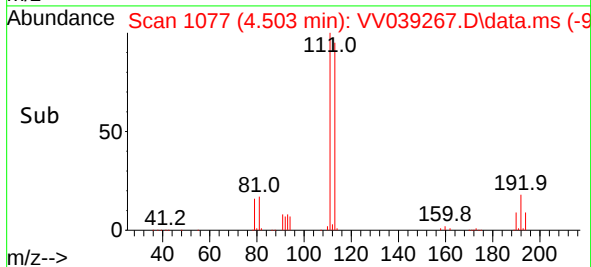
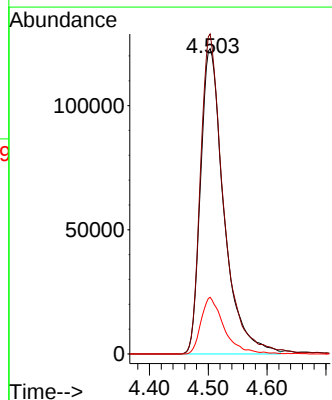
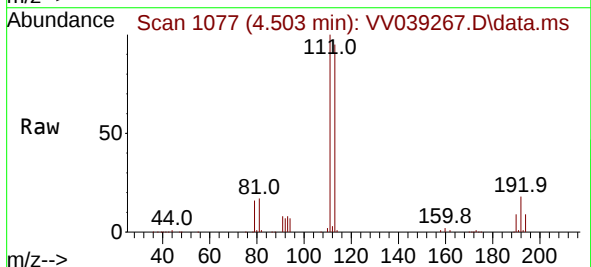
Instrument :
MSVOA_V
ClientSampleId :
VV1006WBL01

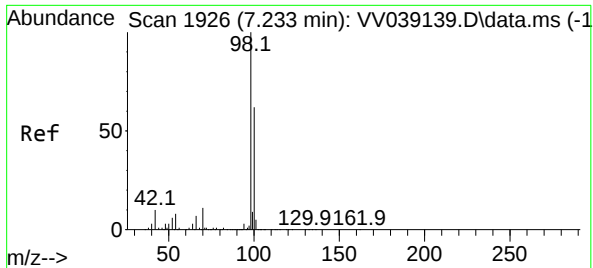
Tgt Ion:114 Resp: 783914
Ion Ratio Lower Upper
114 100
63 20.2 0.0 42.6
88 15.7 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.816 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

Tgt Ion:113 Resp: 339151
Ion Ratio Lower Upper
113 100
111 103.5 82.4 123.6
192 18.0 13.8 20.8

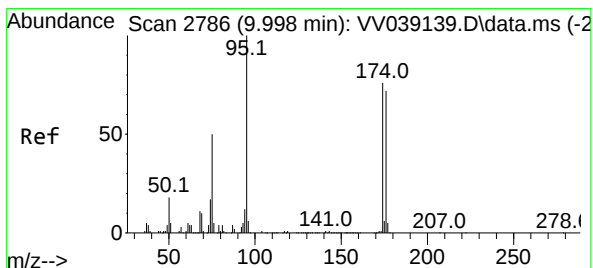
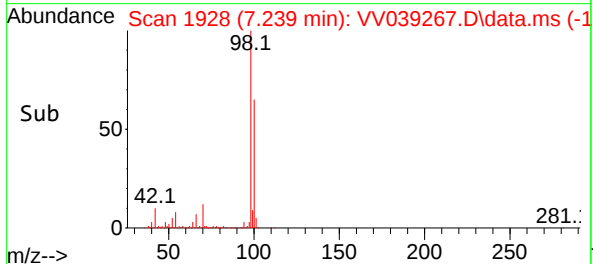
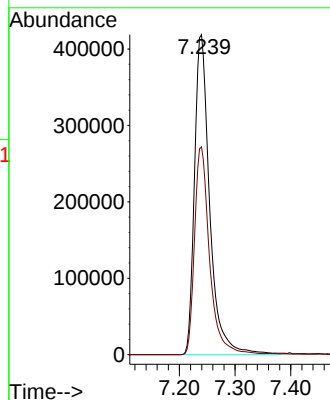
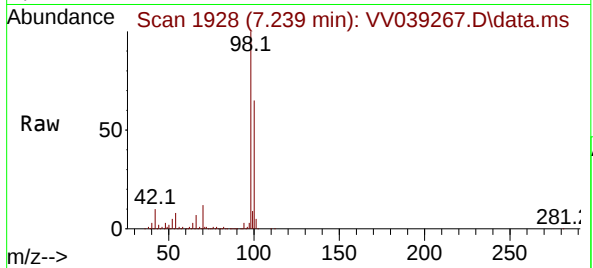




#50
Toluene-d8
Concen: 43.023 ug/l
RT: 7.239 min Scan# 1926
Delta R.T. 0.006 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

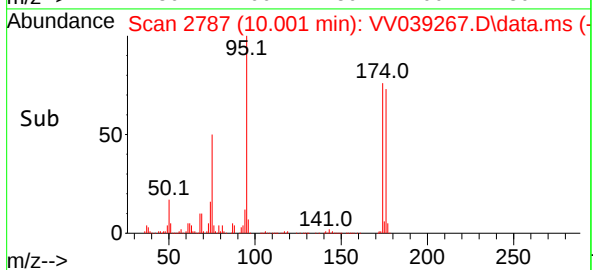
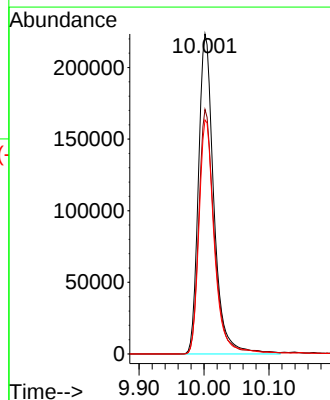
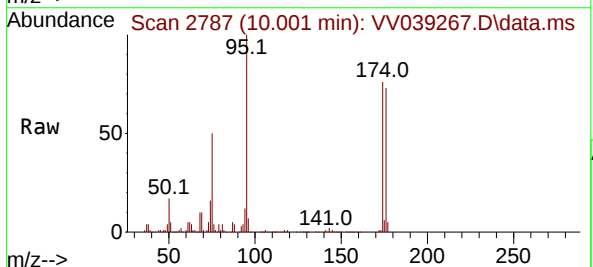
Instrument :
MSVOA_V
ClientSampleId :
VV1006WBL01

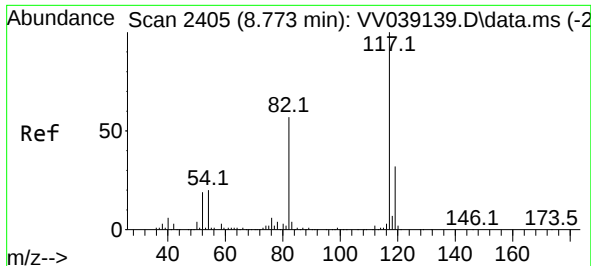
Tgt Ion: 98 Resp: 796316
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 48.368 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

Tgt Ion: 95 Resp: 368553
Ion Ratio Lower Upper
95 100
174 77.0 0.0 150.4
176 73.6 0.0 144.2

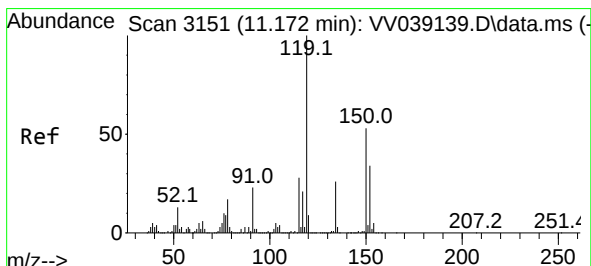
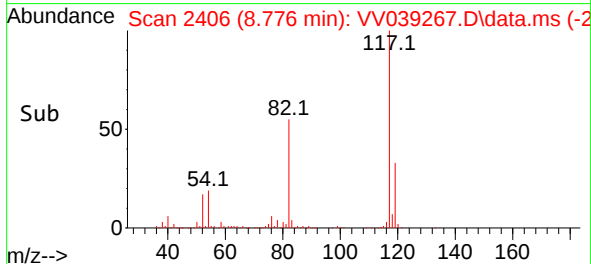
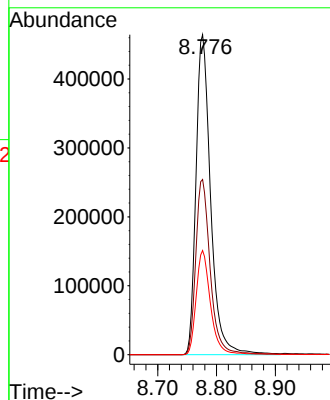
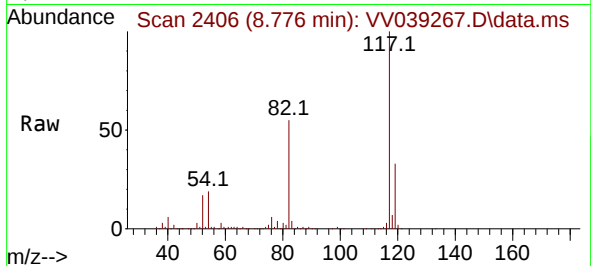




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

Instrument :
MSVOA_V
ClientSampleId :
VV1006WBL01

Tgt Ion:117 Resp: 804136
Ion Ratio Lower Upper
117 100
82 54.7 45.4 68.2
119 32.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV039267.D
Acq: 06 Oct 2025 12:35

Tgt Ion:152 Resp: 428242
Ion Ratio Lower Upper
152 100
115 62.2 44.8 134.4
150 158.0 0.0 353.8

