

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV081125\
 Data File : VV038937.D
 Acq On : 11 Aug 2025 10:42
 Operator : SY/MD
 Sample : VV0811WBL01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0811WBL01

Quant Time: Aug 12 01:44:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V080825W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 01:42:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	441418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	774831	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	727563	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	330000	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	360350	56.765	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	113.520%
35) Dibromofluoromethane	4.497	113	291655	49.616	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	99.240%
50) Toluene-d8	7.236	98	915451	44.967	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	89.940%
62) 4-Bromofluorobenzene	10.001	95	322195	43.944	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	87.880%

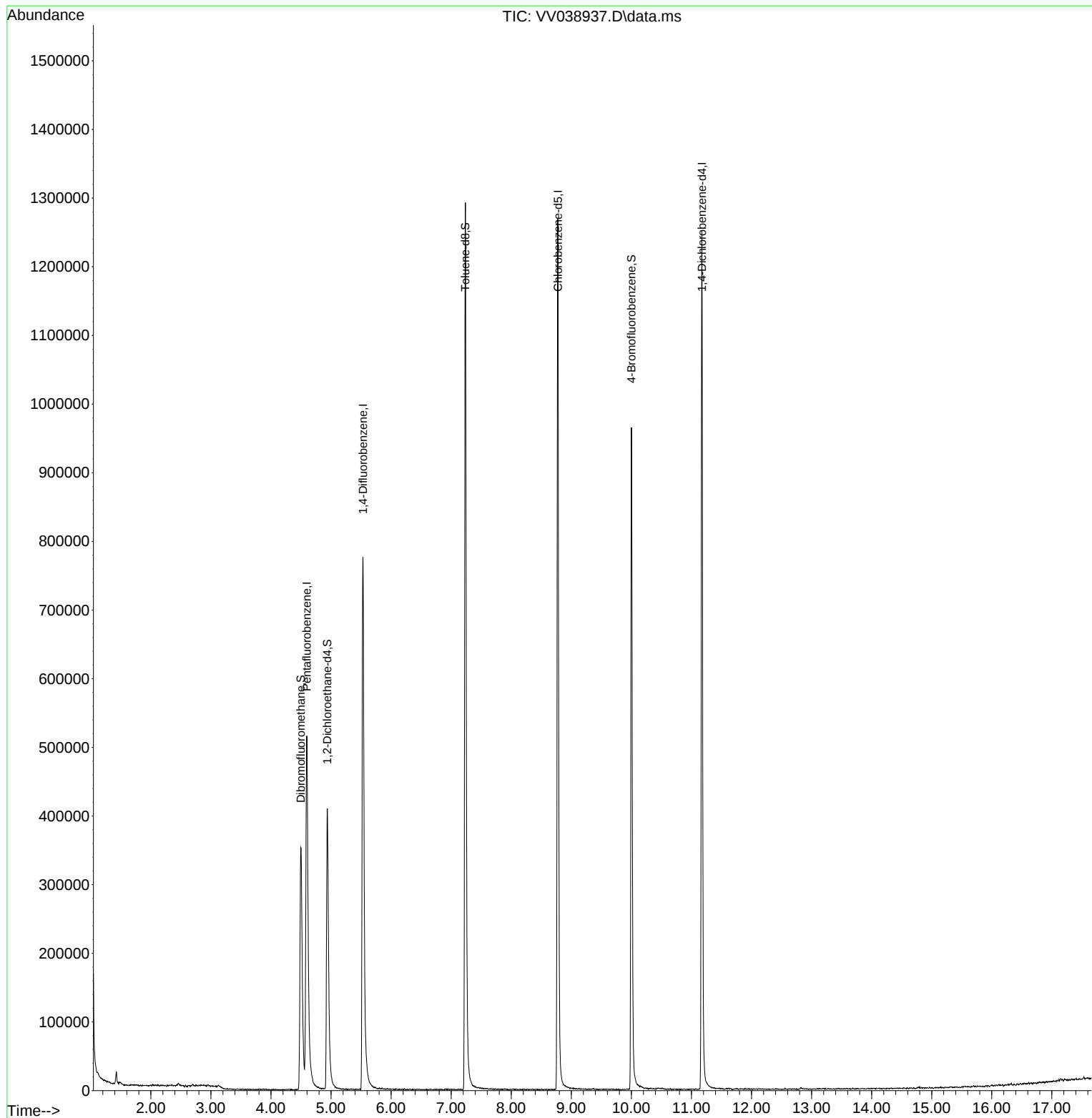
Target Compounds	Qvalue

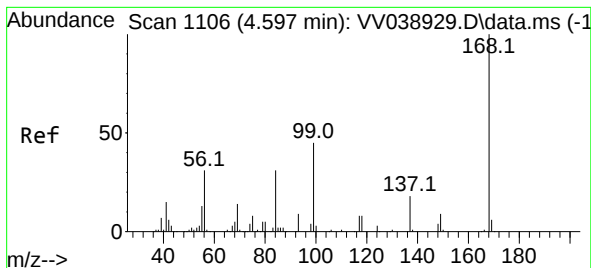
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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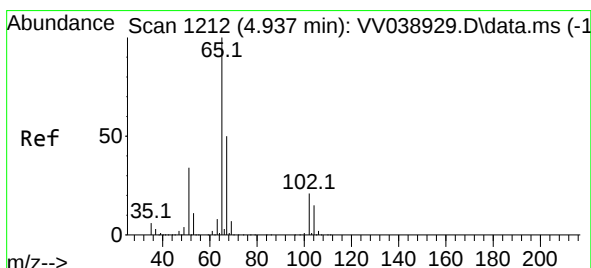
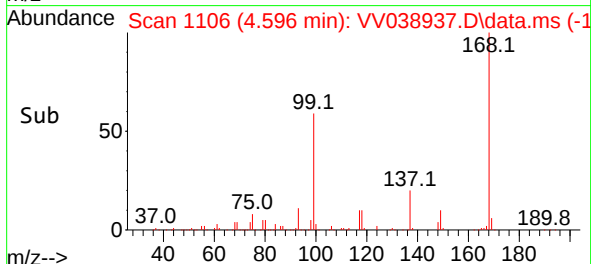
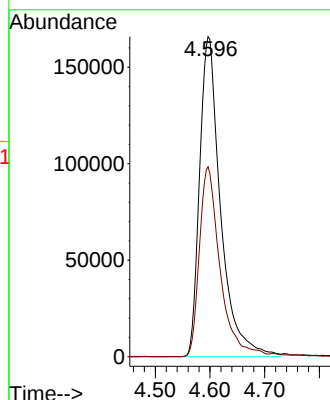
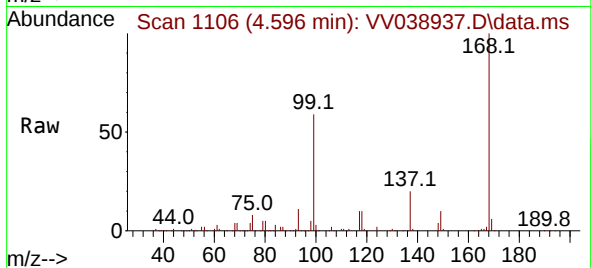




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.596 min Scan# 1106
Delta R.T. -0.001 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

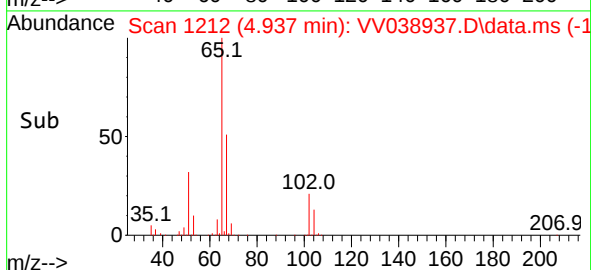
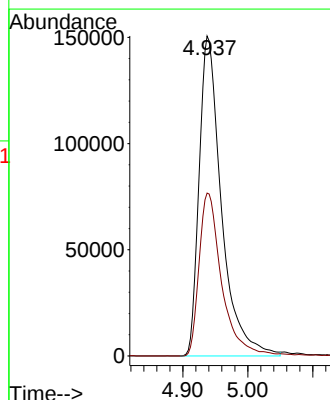
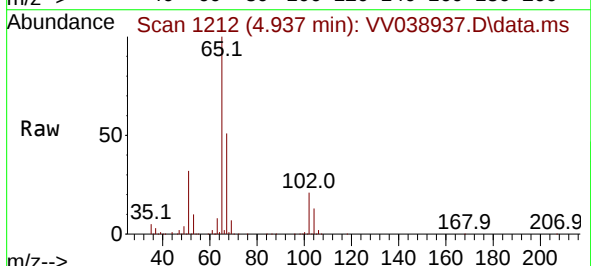
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBL01

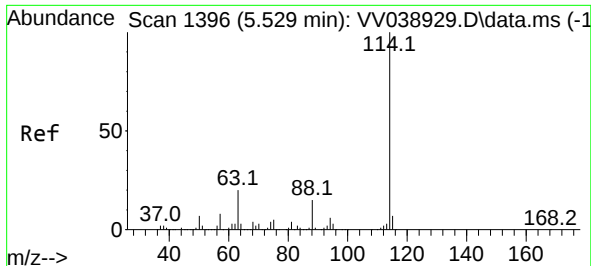
Tgt Ion:168 Resp: 441418
Ion Ratio Lower Upper
168 100
99 59.4 47.3 70.9



#33
1,2-Dichloroethane-d4
Concen: 56.765 ug/l
RT: 4.937 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

Tgt Ion: 65 Resp: 360350
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.4

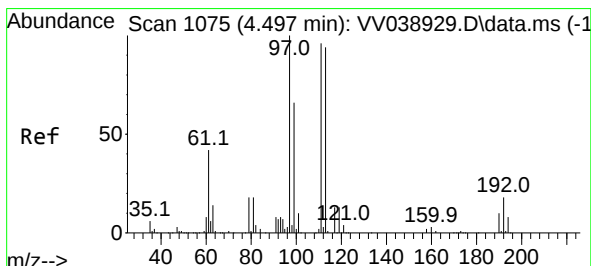
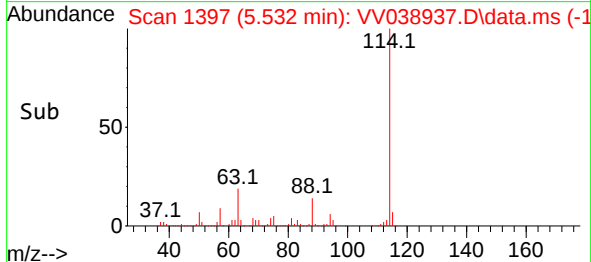
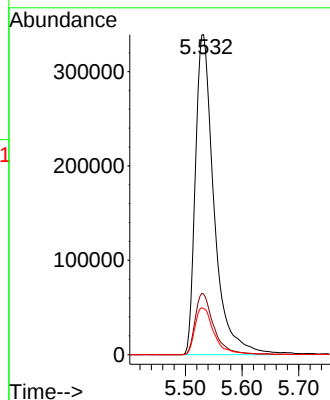
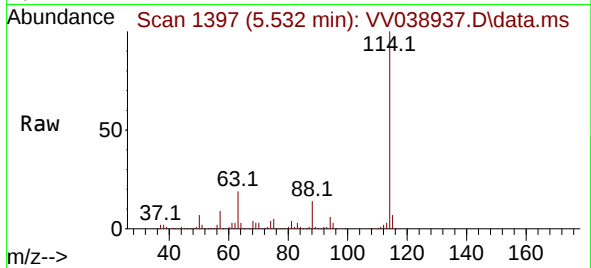




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 1114
Delta R.T. 0.003 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

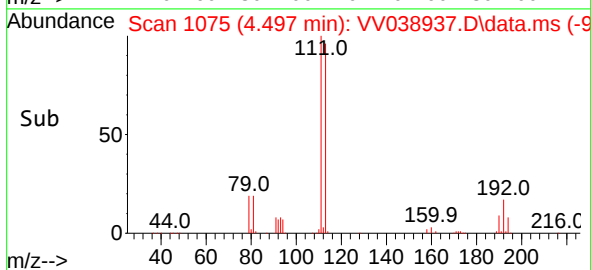
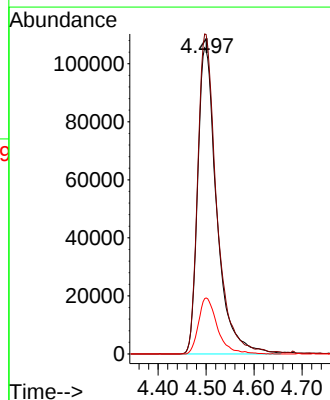
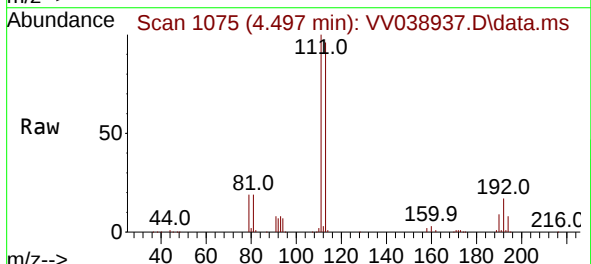
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBL01

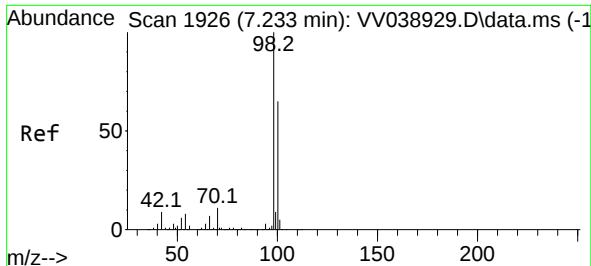
Tgt Ion:114 Resp: 774831
Ion Ratio Lower Upper
114 100
63 18.9 0.0 40.0
88 14.5 0.0 30.0



#35
Dibromofluoromethane
Concen: 49.616 ug/l
RT: 4.497 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

Tgt Ion:113 Resp: 291655
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 18.1 14.9 22.3

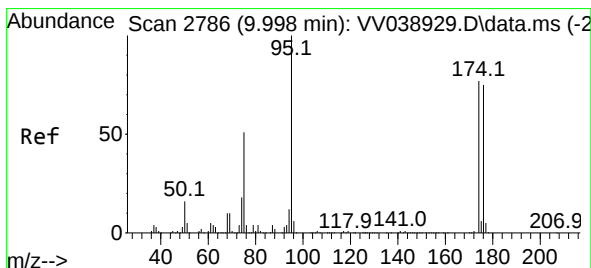
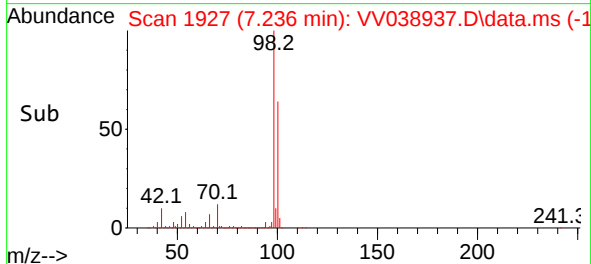
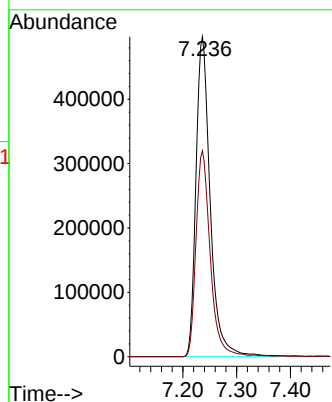
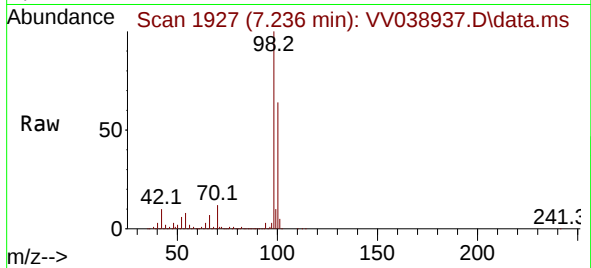




#50
Toluene-d8
Concen: 44.967 ug/l
RT: 7.236 min Scan# 1926
Delta R.T. 0.003 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

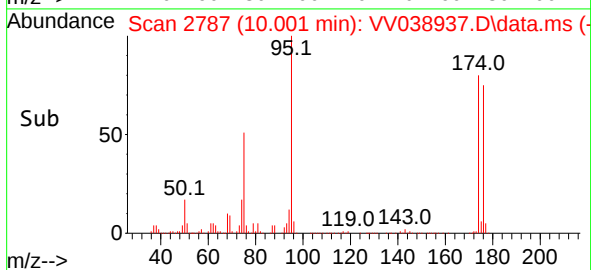
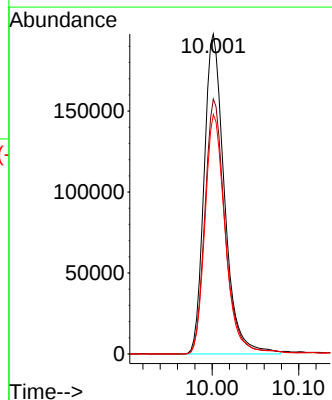
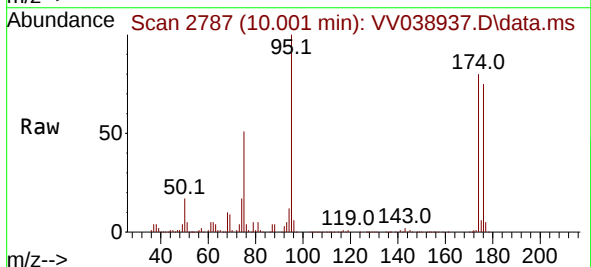
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBL01

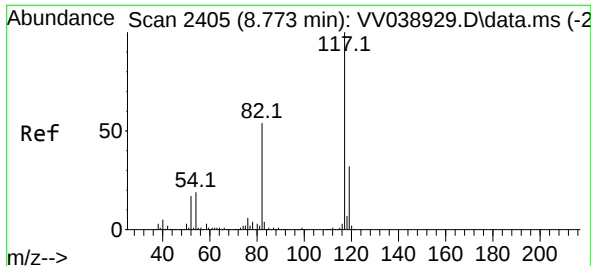
Tgt Ion: 98 Resp: 915451
Ion Ratio Lower Upper
98 100
100 64.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 43.944 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

Tgt Ion: 95 Resp: 322195
Ion Ratio Lower Upper
95 100
174 79.5 0.0 156.6
176 75.2 0.0 153.0

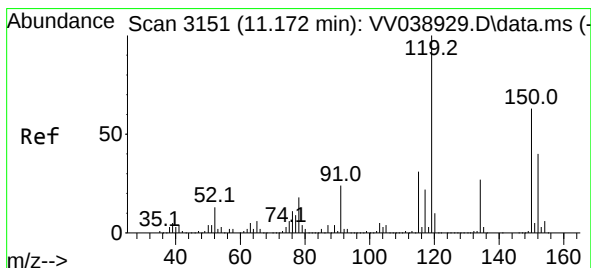
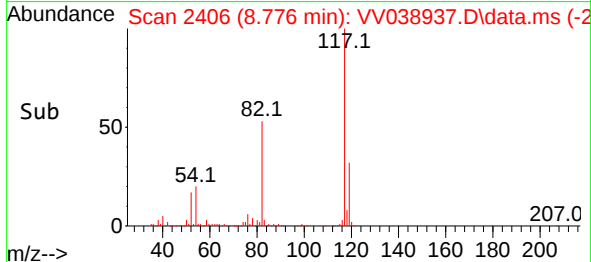
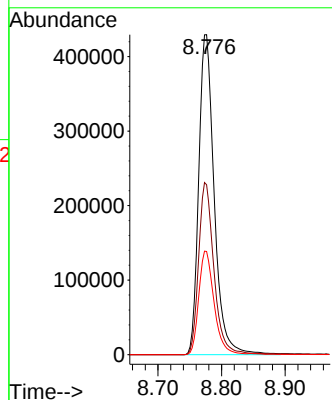
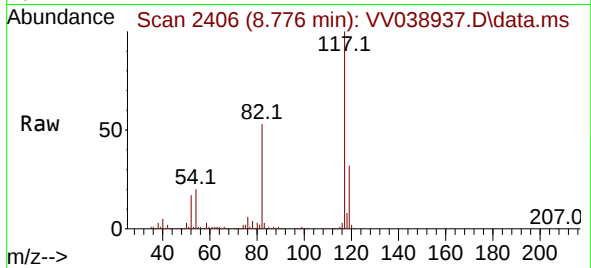




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

Instrument :
MSVOA_V
ClientSampleId :
VV0811WBL01

Tgt Ion:117 Resp: 727563
Ion Ratio Lower Upper
117 100
82 53.1 43.2 64.8
119 32.2 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

Tgt Ion:152 Resp: 330000
Ion Ratio Lower Upper
152 100
115 59.6 41.0 123.2
150 159.1 0.0 345.4

