

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
 Data File : VV039340.D
 Acq On : 05 Nov 2025 16:58
 Operator : SY/MD
 Sample : Q3552-04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-10

Quant Time: Nov 06 00:18:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:01:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	602545	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1106968	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1064655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	465301	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	487765	56.970	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	113.940%
35) Dibromofluoromethane	4.500	113	437090	50.113	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	100.220%
50) Toluene-d8	7.236	98	1353951	45.630	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	91.260%
62) 4-Bromofluorobenzene	9.998	95	444508	42.064	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	84.120%#

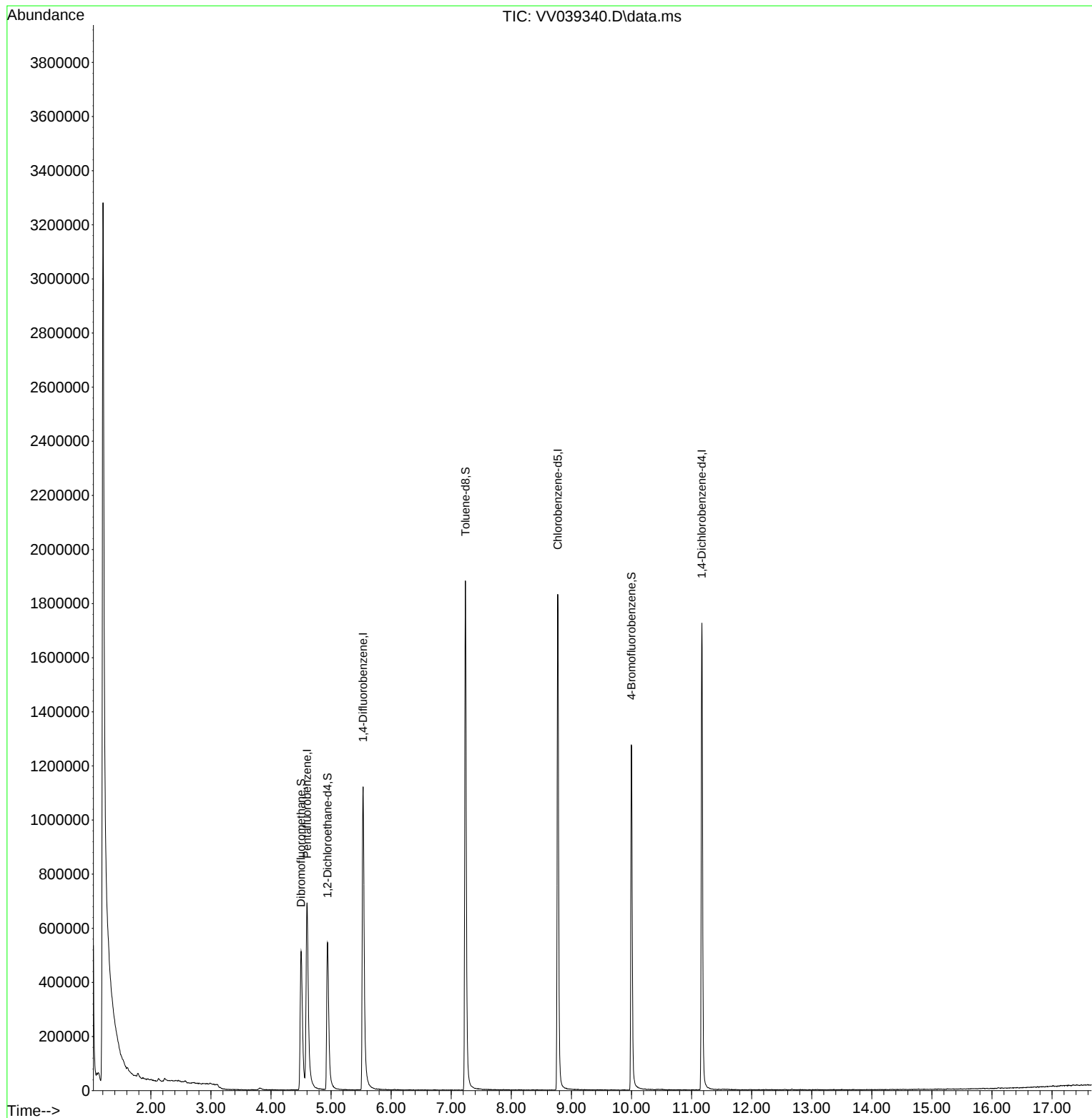
Target Compounds	Qvalue

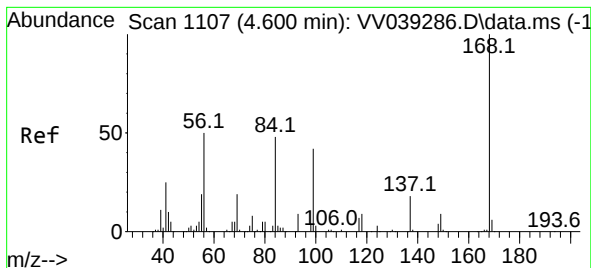
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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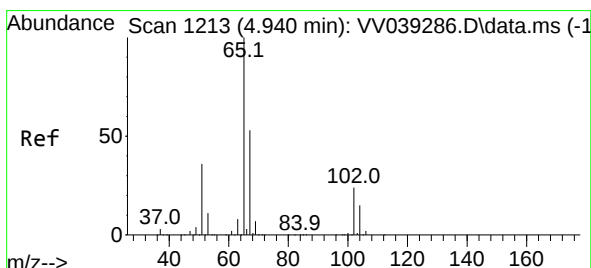
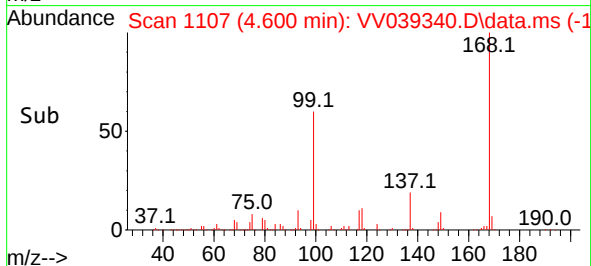
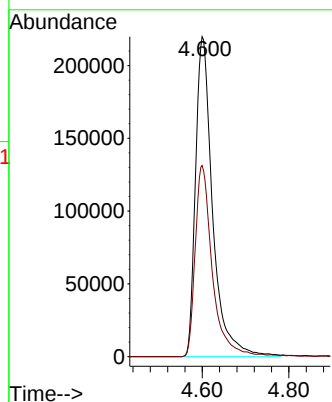
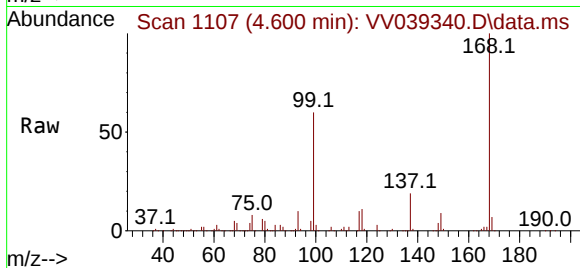




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VV039340.D
Acq: 05 Nov 2025 16:58

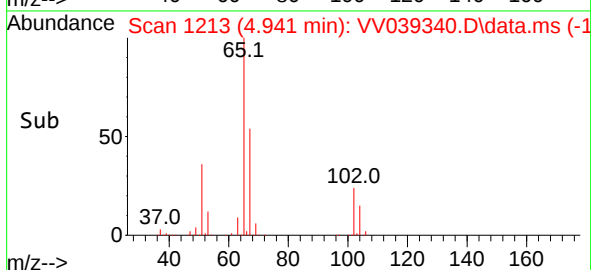
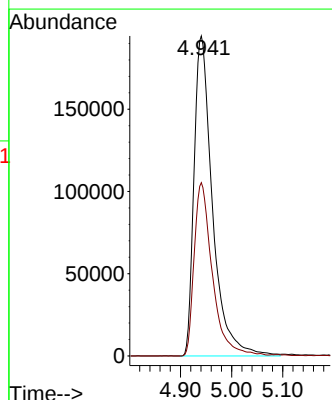
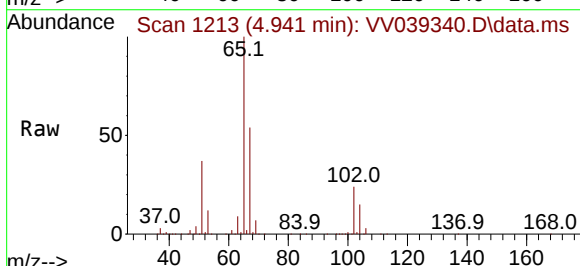
Instrument :
MSVOA_V
ClientSampleId :
MW-10

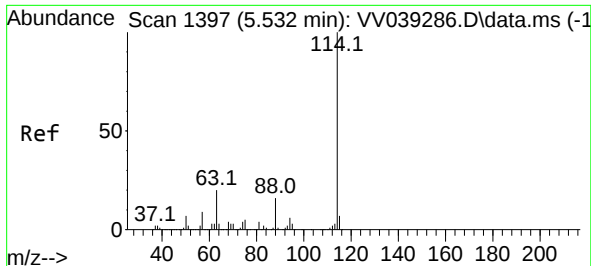
Tgt Ion:168 Resp: 602545
Ion Ratio Lower Upper
168 100
99 59.7 46.6 70.0



#33
1,2-Dichloroethane-d4
Concen: 56.970 ug/l
RT: 4.941 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VV039340.D
Acq: 05 Nov 2025 16:58

Tgt Ion: 65 Resp: 487765
Ion Ratio Lower Upper
65 100
67 53.2 0.0 108.4

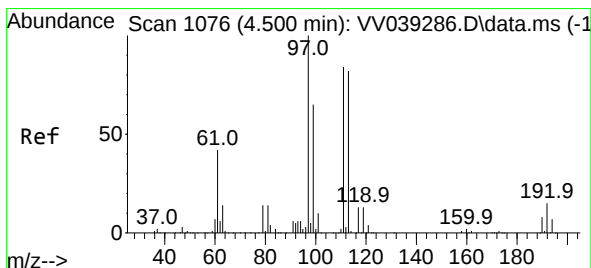
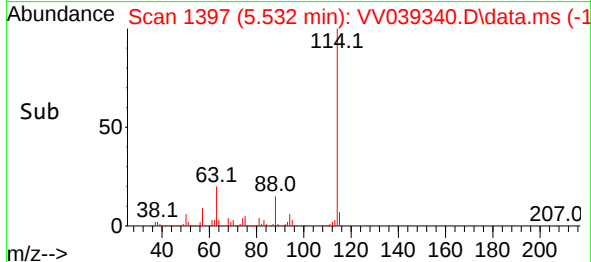
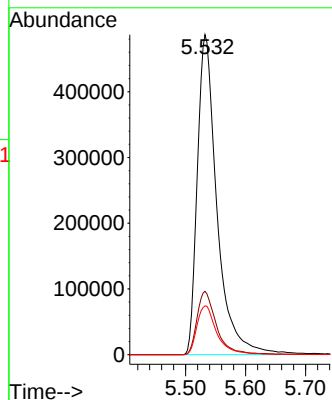
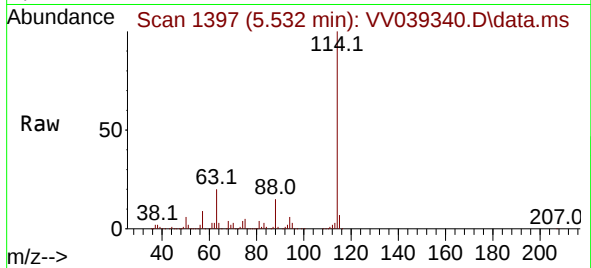




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV039340.D
Acq: 05 Nov 2025 16:58

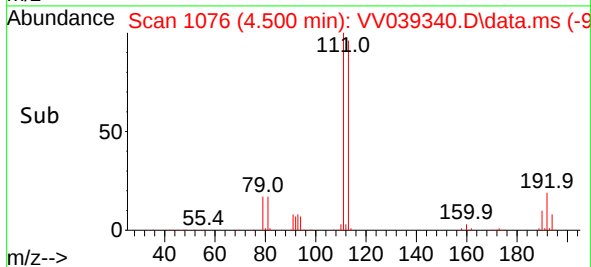
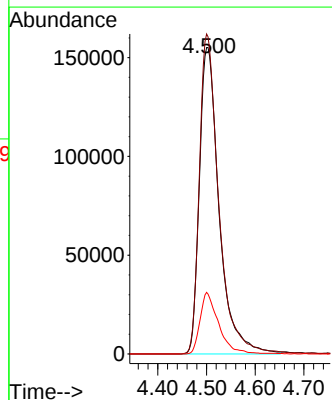
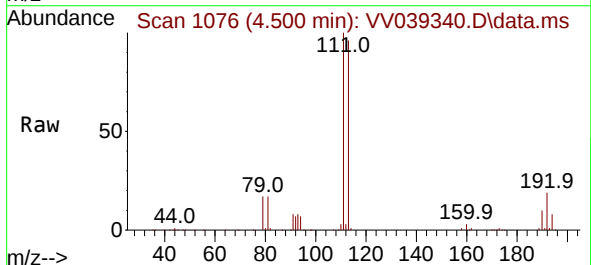
Instrument :
MSVOA_V
ClientSampleId :
MW-10

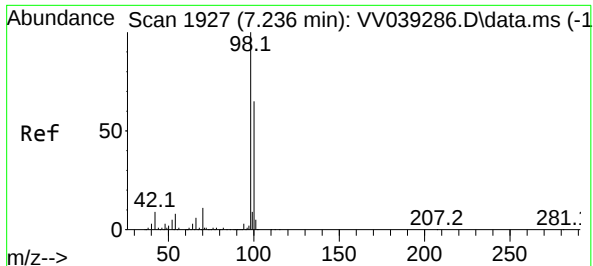
Tgt Ion:114 Resp: 1106968
Ion Ratio Lower Upper
114 100
63 19.8 0.0 39.6
88 15.3 0.0 31.6



#35
Dibromofluoromethane
Concen: 50.113 ug/l
RT: 4.500 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VV039340.D
Acq: 05 Nov 2025 16:58

Tgt Ion:113 Resp: 437090
Ion Ratio Lower Upper
113 100
111 102.8 82.0 123.0
192 18.8 14.3 21.5

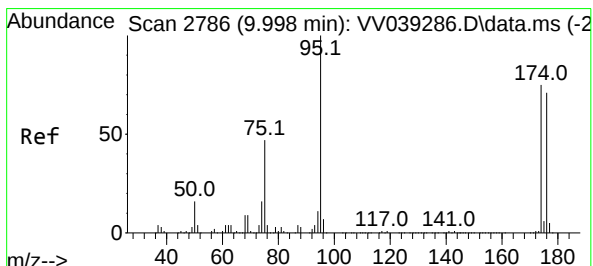
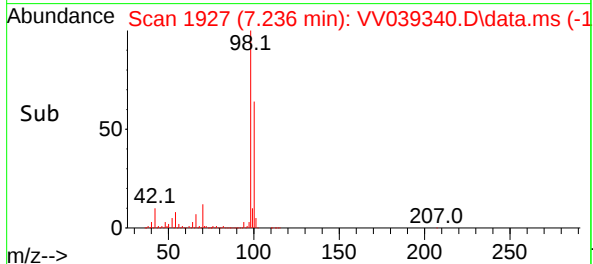
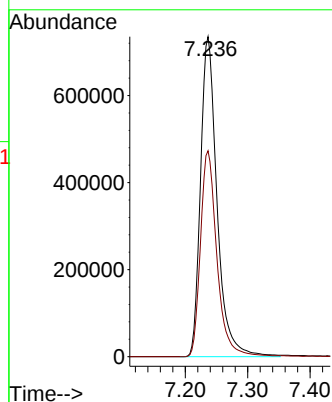
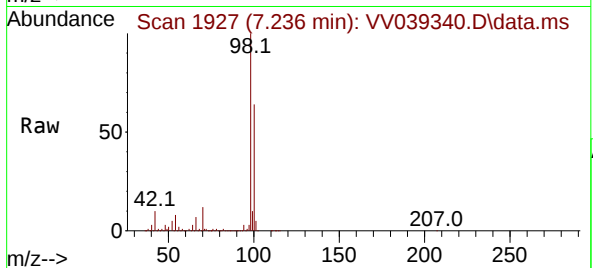




#50
Toluene-d8
Concen: 45.630 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VV039340.D
Acq: 05 Nov 2025 16:58

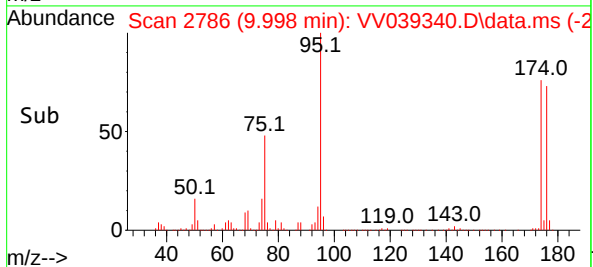
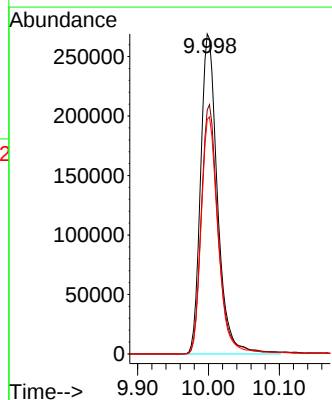
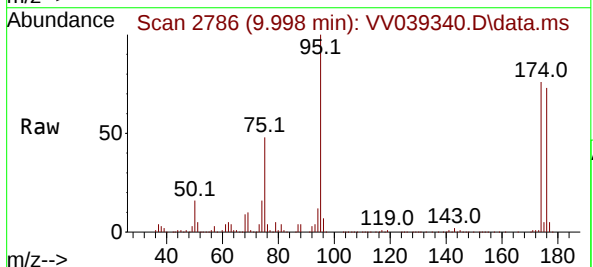
Instrument :
MSVOA_V
ClientSampleId :
MW-10

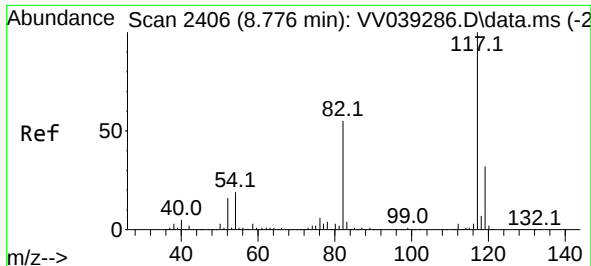
Tgt Ion: 98 Resp: 1353951
Ion Ratio Lower Upper
98 100
100 64.4 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 42.064 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VV039340.D
Acq: 05 Nov 2025 16:58

Tgt Ion: 95 Resp: 444508
Ion Ratio Lower Upper
95 100
174 78.6 0.0 153.6
176 74.3 0.0 146.0

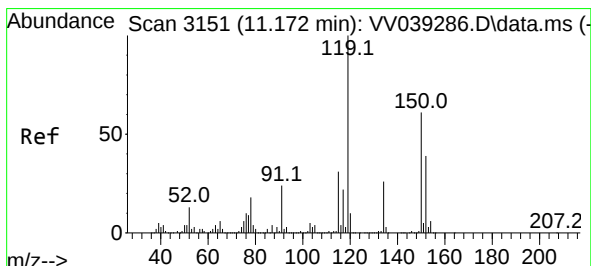
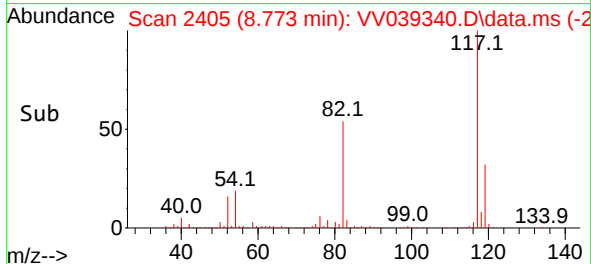
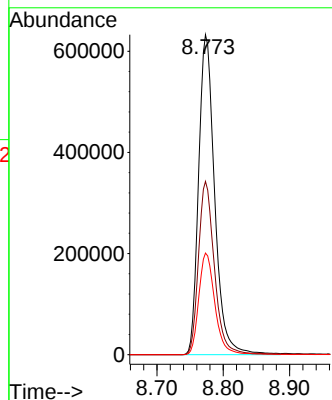
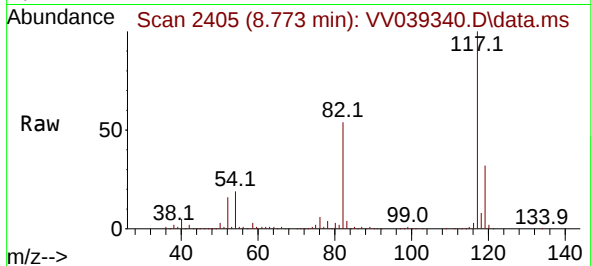




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2406
Delta R.T. -0.003 min
Lab File: VV039340.D
Acq: 05 Nov 2025 16:58

Instrument :
MSVOA_V
ClientSampleId :
MW-10

Tgt Ion:117 Resp: 1064655
Ion Ratio Lower Upper
117 100
82 54.1 43.8 65.8
119 31.7 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV039340.D
Acq: 05 Nov 2025 16:58

Tgt Ion:152 Resp: 465301
Ion Ratio Lower Upper
152 100
115 60.8 42.3 126.8
150 159.2 0.0 348.0

