

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
 Data File : VV039338.D
 Acq On : 05 Nov 2025 16:13
 Operator : SY/MD
 Sample : Q3552-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-8

Quant Time: Nov 06 00:17:05 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	905091	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1744740	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1630594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	725279	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	759652	59.067	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	118.140%#
35) Dibromofluoromethane	4.500	113	669976	48.735	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	97.480%
50) Toluene-d8	7.233	98	2167959	46.356	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	92.720%
62) 4-Bromofluorobenzene	9.998	95	734424	44.094	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	88.180%

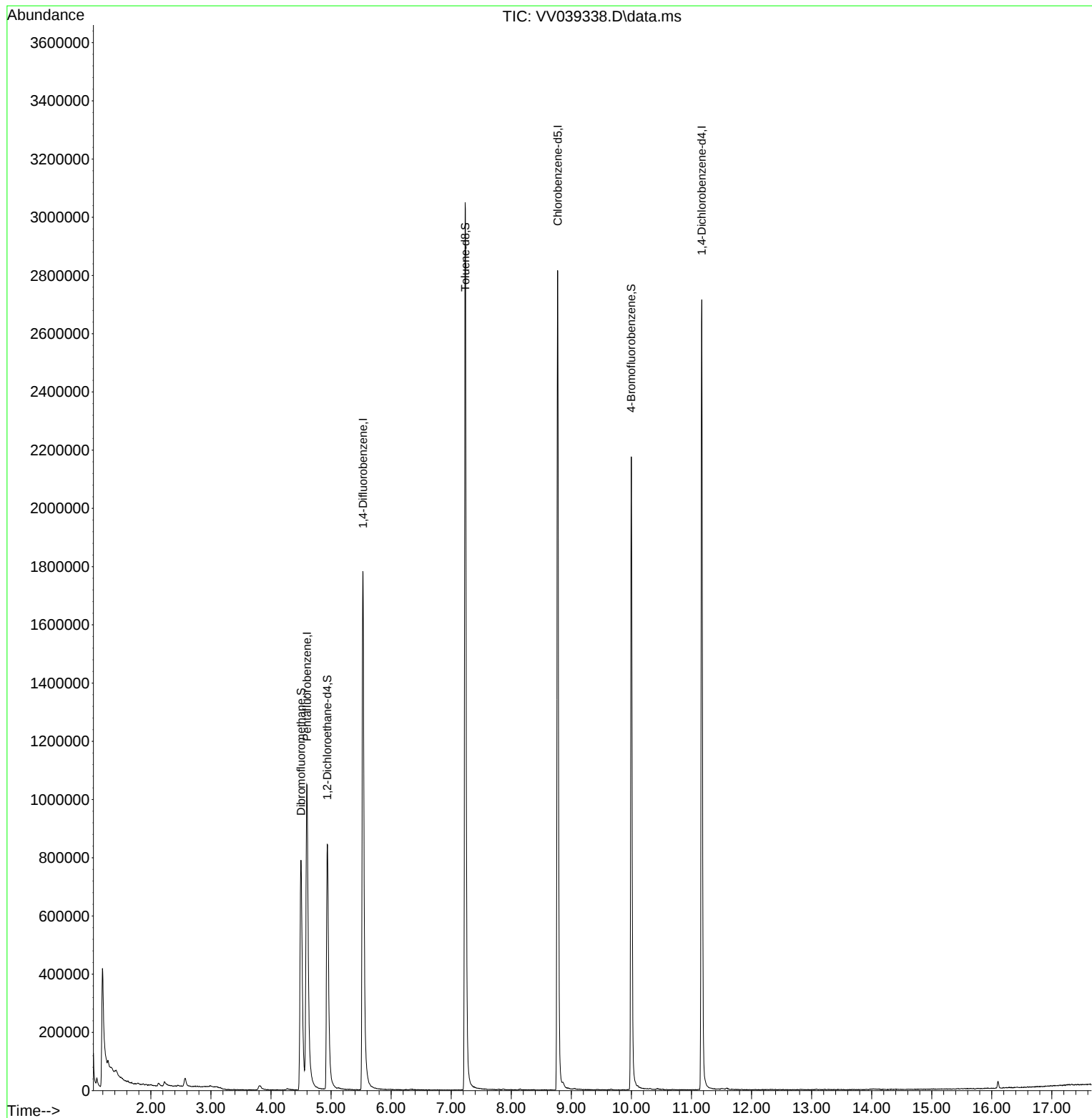
Target Compounds	Qvalue

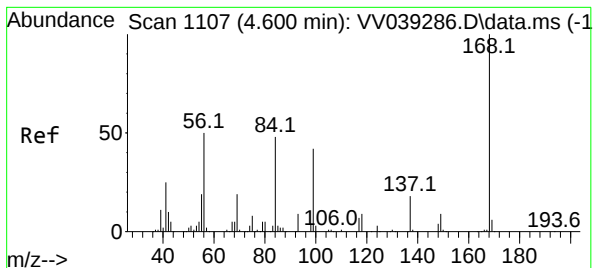
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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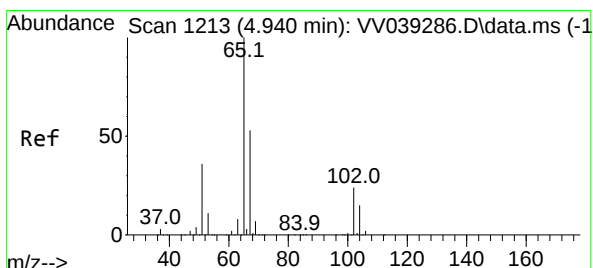
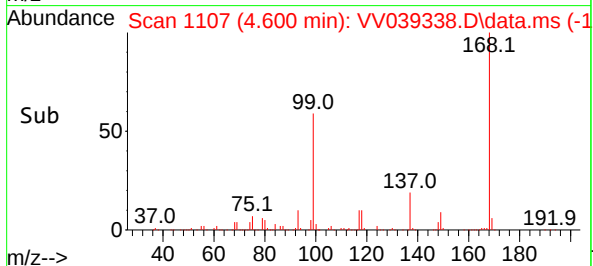
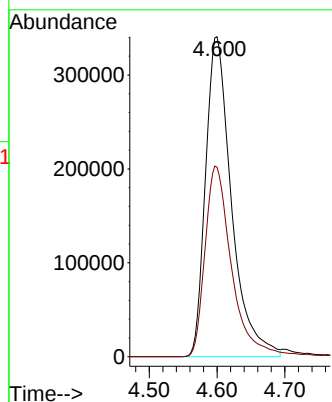
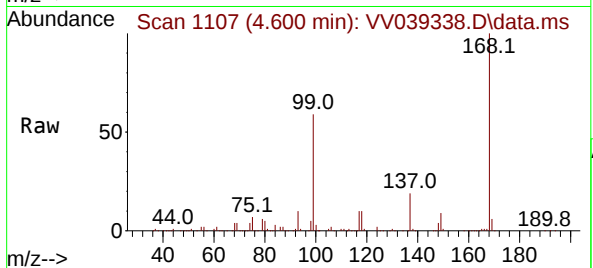




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VV039338.D
Acq: 05 Nov 2025 16:13

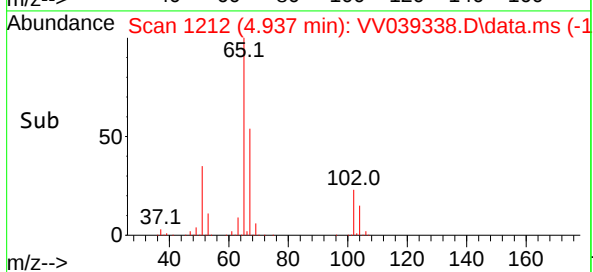
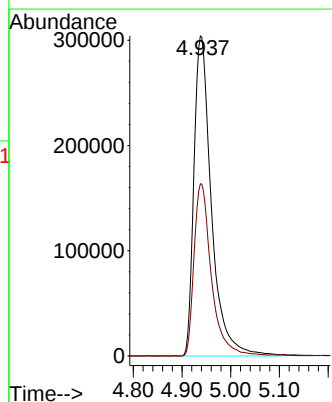
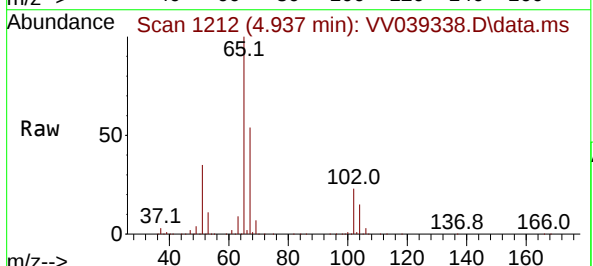
Instrument :
MSVOA_V
ClientSampleId :
MW-8

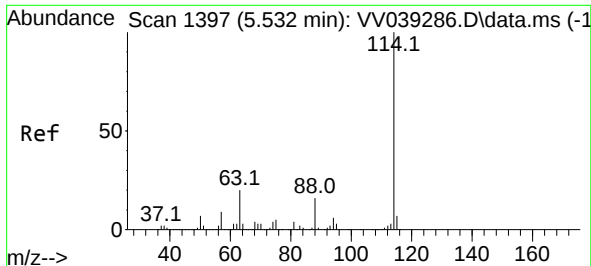
Tgt Ion:168 Resp: 905091
Ion Ratio Lower Upper
168 100
99 59.3 46.6 70.0



#33
1,2-Dichloroethane-d4
Concen: 59.067 ug/l
RT: 4.937 min Scan# 1212
Delta R.T. -0.003 min
Lab File: VV039338.D
Acq: 05 Nov 2025 16:13

Tgt Ion: 65 Resp: 759652
Ion Ratio Lower Upper
65 100
67 53.3 0.0 108.4

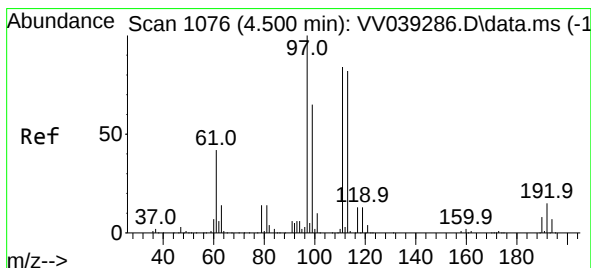
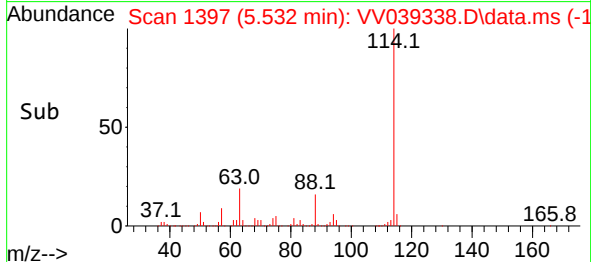
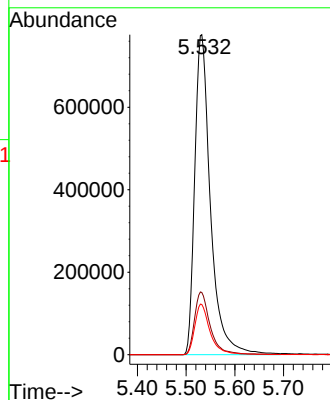
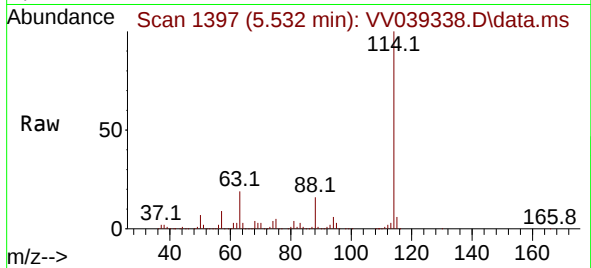




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV039338.D
Acq: 05 Nov 2025 16:13

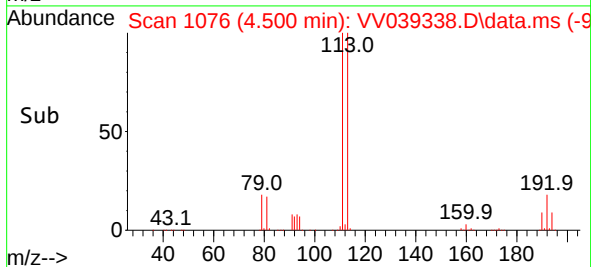
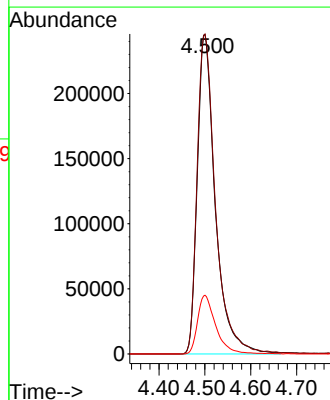
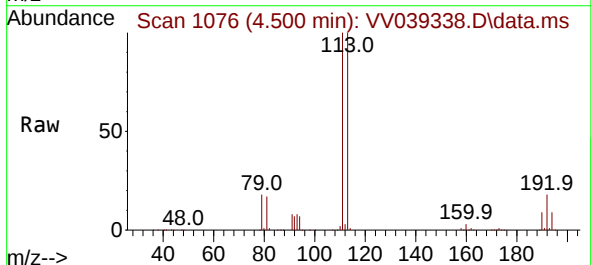
Instrument :
MSVOA_V
ClientSampleId :
MW-8

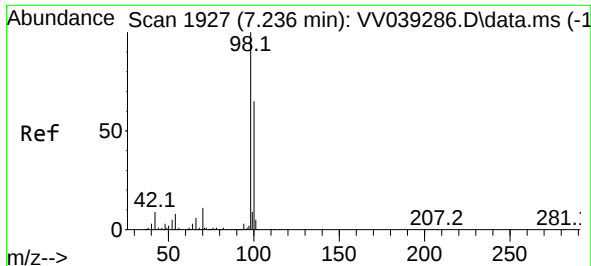
Tgt Ion:114 Resp: 1744740
Ion Ratio Lower Upper
114 100
63 19.5 0.0 39.6
88 15.7 0.0 31.6



#35
Dibromofluoromethane
Concen: 48.735 ug/l
RT: 4.500 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VV039338.D
Acq: 05 Nov 2025 16:13

Tgt Ion:113 Resp: 669976
Ion Ratio Lower Upper
113 100
111 101.7 82.0 123.0
192 18.5 14.3 21.5

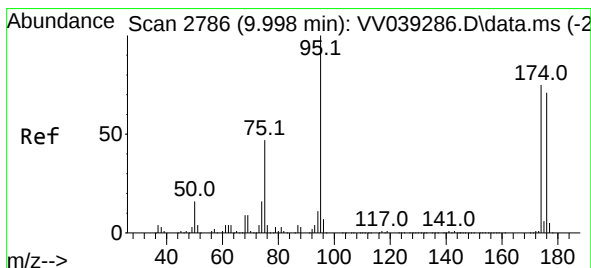
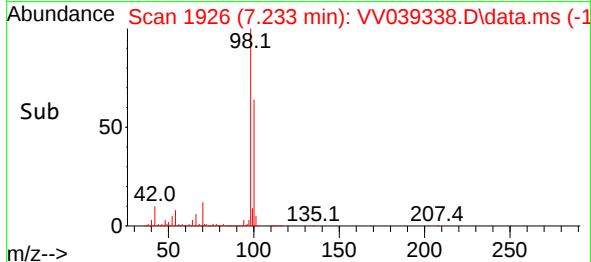
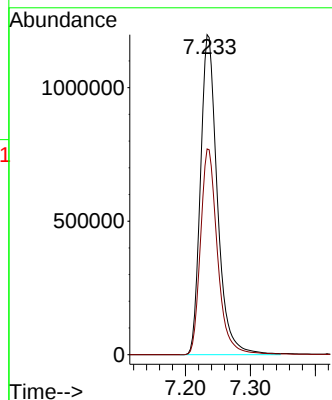
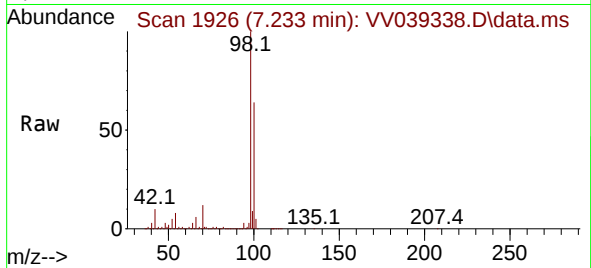




#50
Toluene-d8
Concen: 46.356 ug/l
RT: 7.233 min Scan# 1927
Delta R.T. -0.003 min
Lab File: VV039338.D
Acq: 05 Nov 2025 16:13

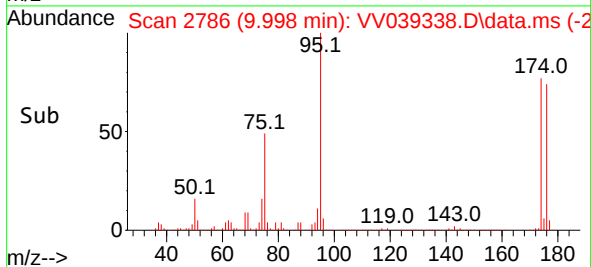
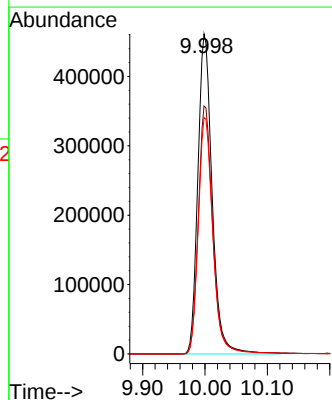
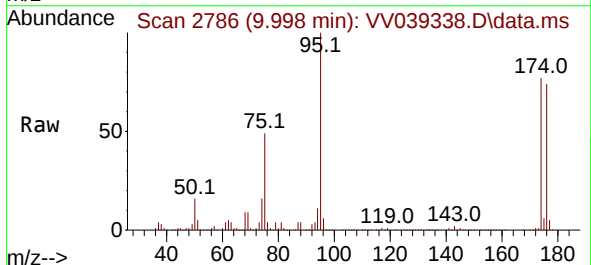
Instrument :
MSVOA_V
ClientSampleId :
MW-8

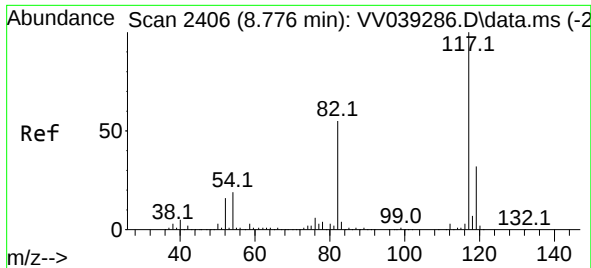
Tgt Ion: 98 Resp: 2167959
Ion Ratio Lower Upper
98 100
100 65.0 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 44.094 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VV039338.D
Acq: 05 Nov 2025 16:13

Tgt Ion: 95 Resp: 734424
Ion Ratio Lower Upper
95 100
174 78.3 0.0 153.6
176 74.6 0.0 146.0

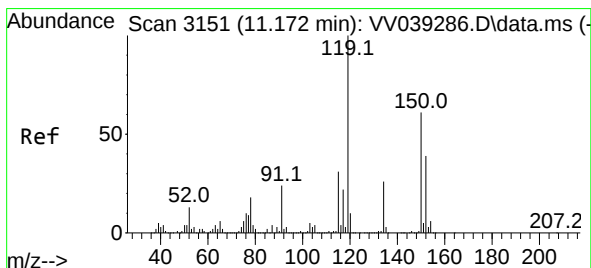
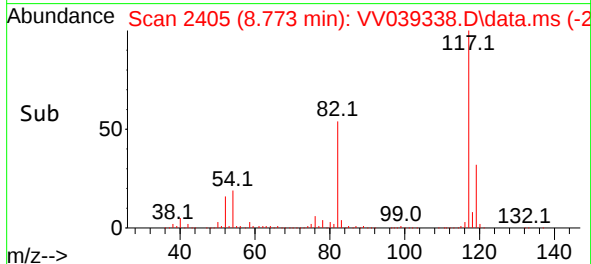
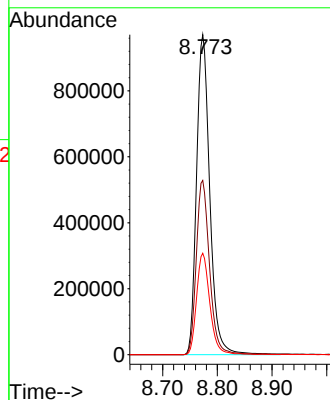
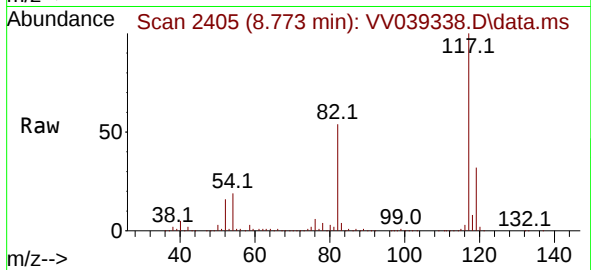




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2405
Delta R.T. -0.003 min
Lab File: VV039338.D
Acq: 05 Nov 2025 16:13

Instrument :
MSVOA_V
ClientSampleId :
MW-8

Tgt Ion:117 Resp: 1630594
Ion Ratio Lower Upper
117 100
82 54.4 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: VV039338.D
Acq: 05 Nov 2025 16:13

Tgt Ion:152 Resp: 725279
Ion Ratio Lower Upper
152 100
115 61.0 42.3 126.8
150 158.9 0.0 348.0

