

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
 Data File : VV039335.D
 Acq On : 05 Nov 2025 14:39
 Operator : SY/MD
 Sample : Q3537-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-17-PURGE-WATER

Quant Time: Nov 06 00:15:40 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	859797	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1601084	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1480111	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	666706	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	685670	56.123	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	112.240%
35) Dibromofluoromethane	4.500	113	608882	48.265	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	96.520%
50) Toluene-d8	7.236	98	1982744	46.199	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	92.400%
62) 4-Bromofluorobenzene	9.998	95	667177	43.651	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	87.300%

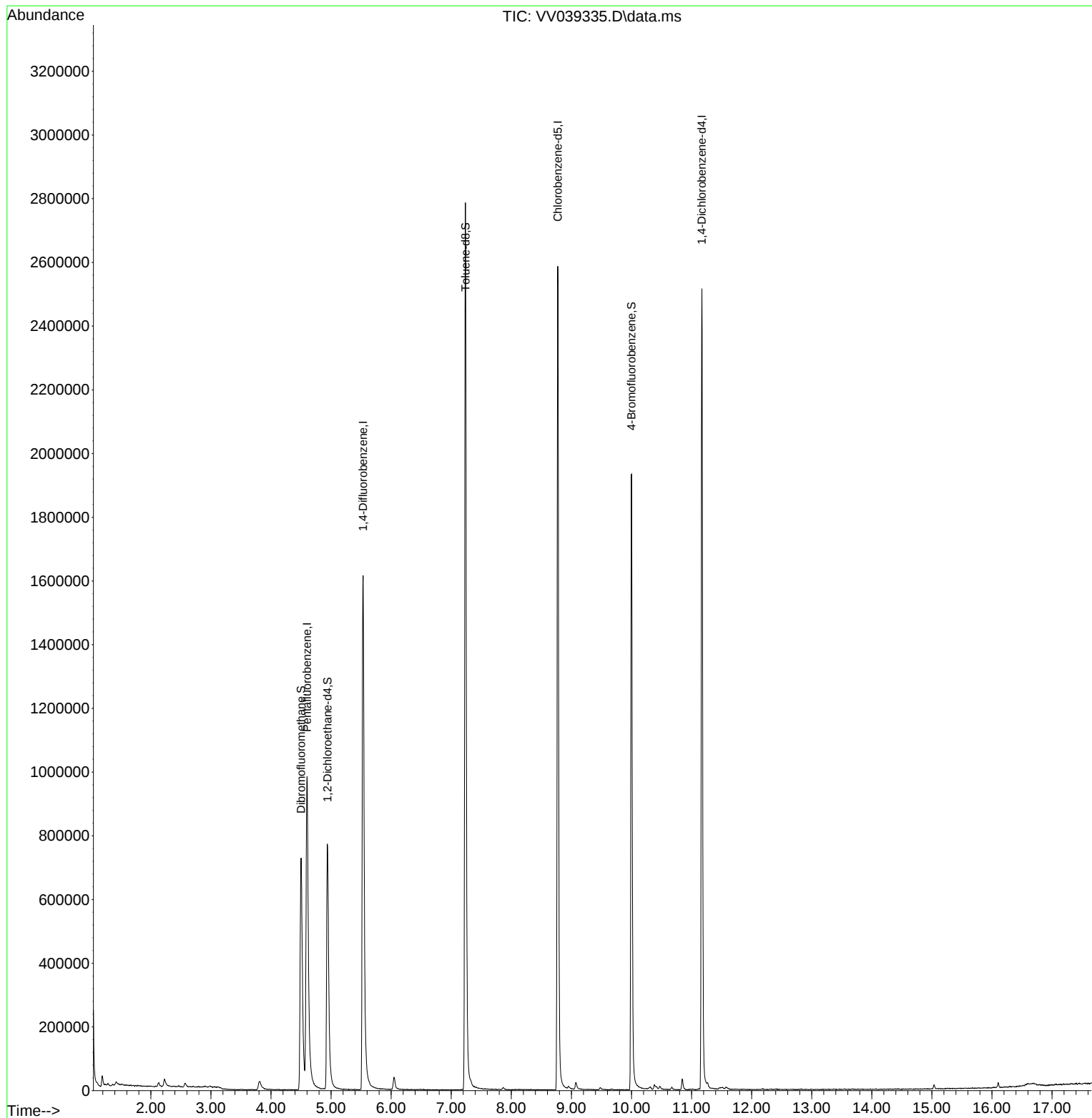
Target Compounds	Qvalue

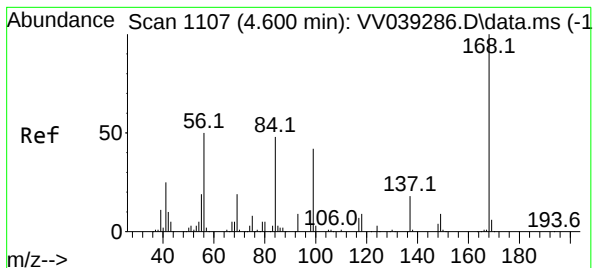
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.600 min Scan# 1107

Delta R.T. -0.000 min

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ClientSampleId :

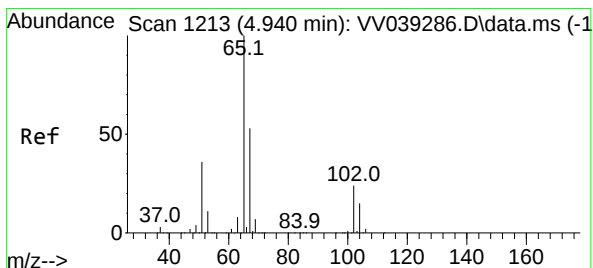
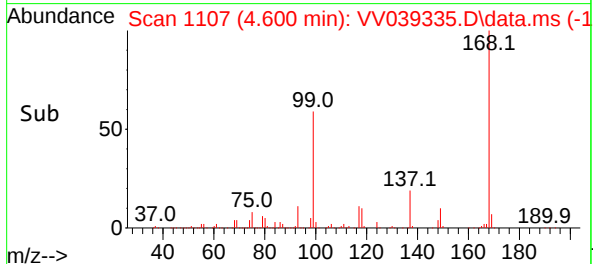
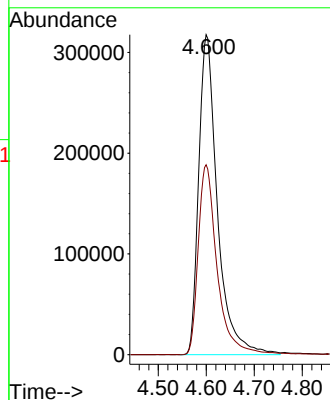
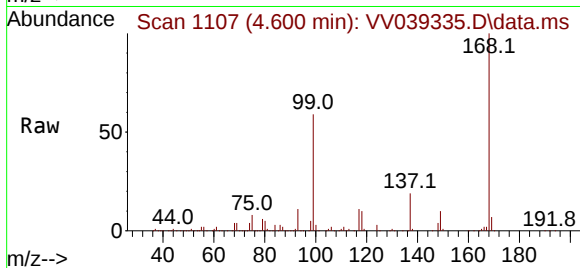
MW-17-PURGE-WATER

Tgt Ion:168 Resp: 859797

Ion Ratio Lower Upper

168 100

99 59.3 46.6 70.0



#33

1,2-Dichloroethane-d4

Concen: 56.123 ug/l

RT: 4.940 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VV039335.D

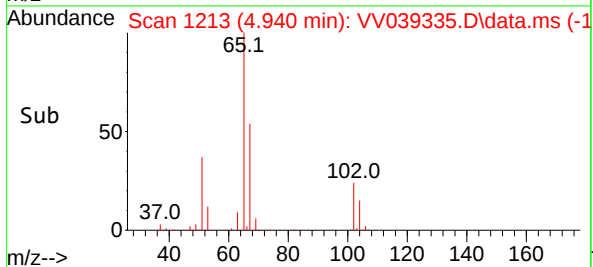
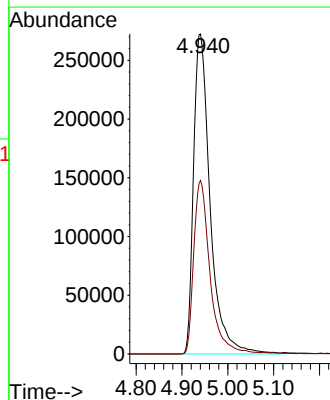
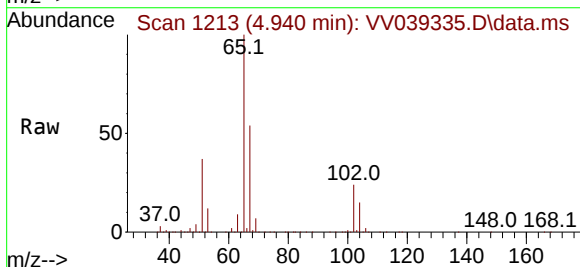
Acq: 05 Nov 2025 14:39

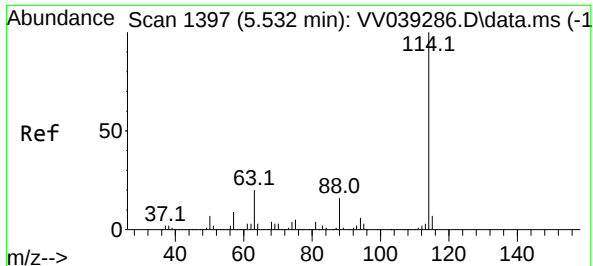
Tgt Ion: 65 Resp: 685670

Ion Ratio Lower Upper

65 100

67 53.1 0.0 108.4

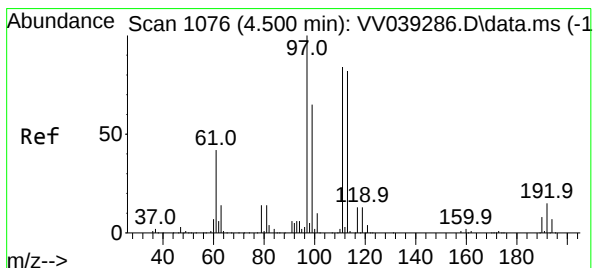
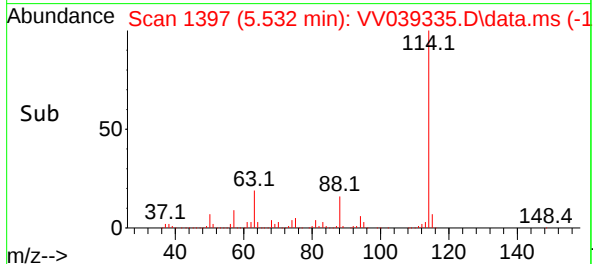
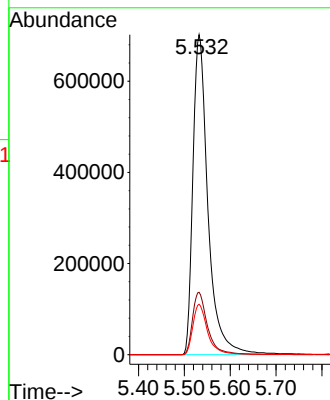
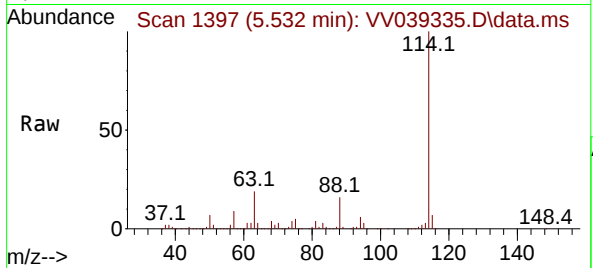




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV039335.D
Acq: 05 Nov 2025 14:39

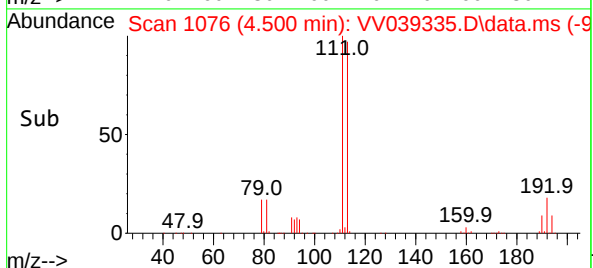
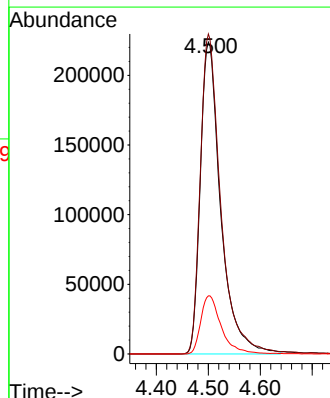
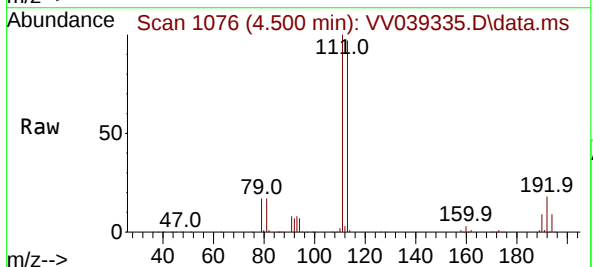
Instrument :
MSVOA_V
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MW-17-PURGE-WATER

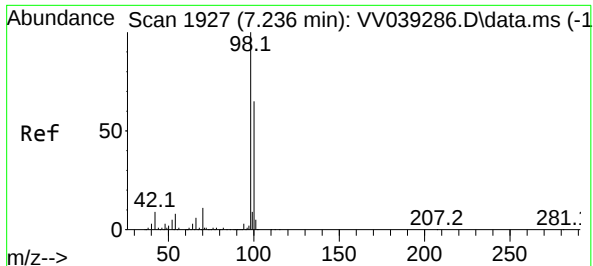
Tgt Ion:114 Resp: 1601084
Ion Ratio Lower Upper
114 100
63 19.5 0.0 39.6
88 15.7 0.0 31.6



#35
Dibromofluoromethane
Concen: 48.265 ug/l
RT: 4.500 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VV039335.D
Acq: 05 Nov 2025 14:39

Tgt Ion:113 Resp: 608882
Ion Ratio Lower Upper
113 100
111 103.2 82.0 123.0
192 18.8 14.3 21.5

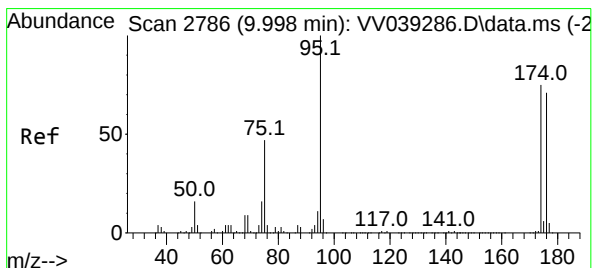
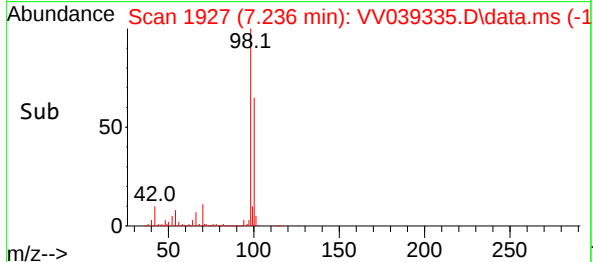
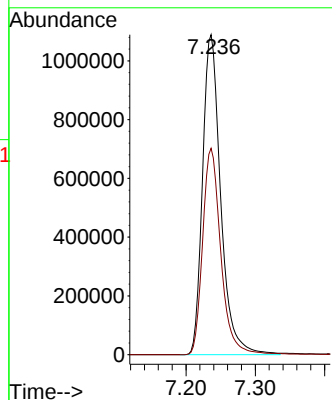
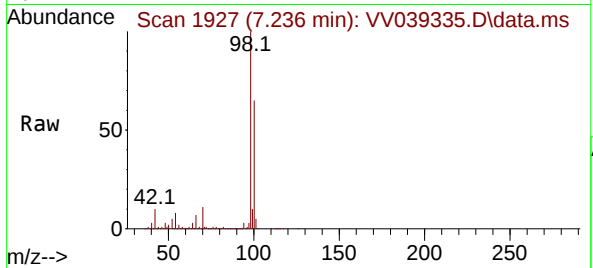




#50
Toluene-d8
Concen: 46.199 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VV039335.D
Acq: 05 Nov 2025 14:39

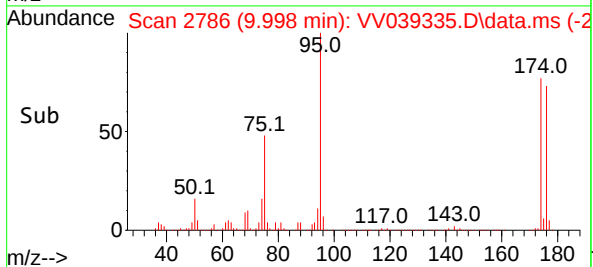
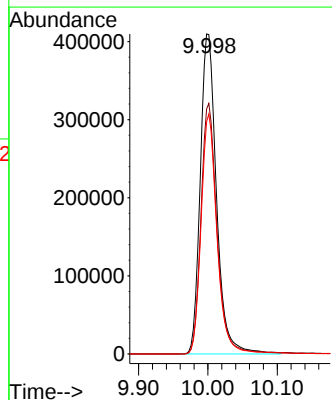
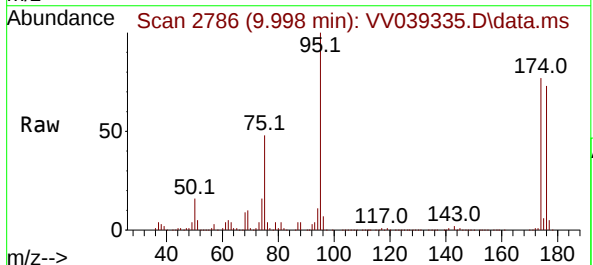
Instrument : MSVOA_V
ClientSampleId : MW-17-PURGE-WATER

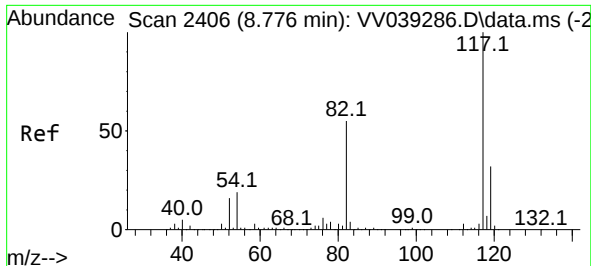
Tgt Ion: 98 Resp: 1982744
Ion Ratio Lower Upper
98 100
100 64.7 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 43.651 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VV039335.D
Acq: 05 Nov 2025 14:39

Tgt Ion: 95 Resp: 667177
Ion Ratio Lower Upper
95 100
174 78.0 0.0 153.6
176 73.7 0.0 146.0

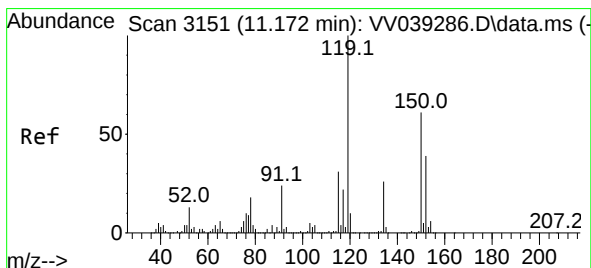
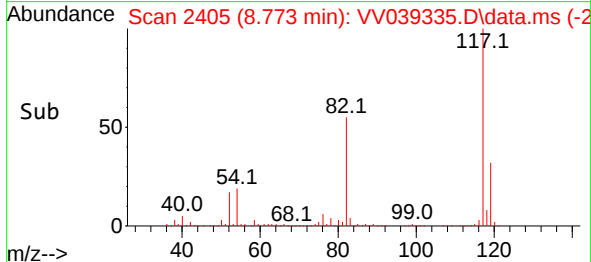
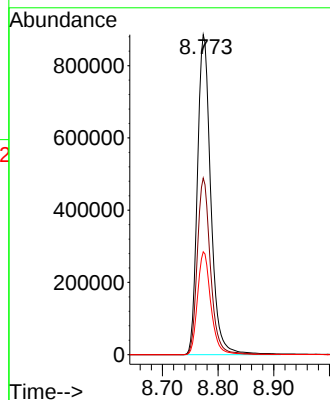
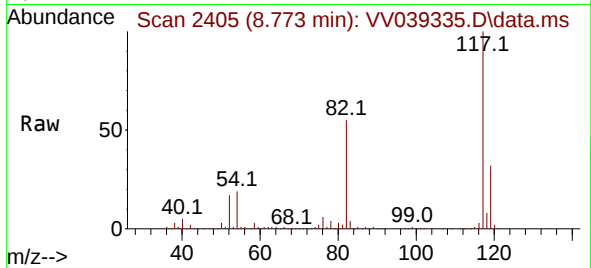




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2406
Delta R.T. -0.003 min
Lab File: VV039335.D
Acq: 05 Nov 2025 14:39

Instrument :
MSVOA_V
ClientSampleId :
MW-17-PURGE-WATER

Tgt Ion:117 Resp: 1480111
Ion Ratio Lower Upper
117 100
82 55.2 43.8 65.8
119 32.2 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: VV039335.D
Acq: 05 Nov 2025 14:39

Tgt Ion:152 Resp: 666706
Ion Ratio Lower Upper
152 100
115 60.5 42.3 126.8
150 156.7 0.0 348.0

