

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092625\
 Data File : VV039203.D
 Acq On : 26 Sep 2025 11:36
 Operator : SY/MD
 Sample : Q3195-24
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EB-02-092225

Quant Time: Sep 27 02:52:47 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	509169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	912297	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	888919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	432706	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	402670	54.642	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	109.280%
35) Dibromofluoromethane	4.503	113	372970	50.854	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	101.700%
50) Toluene-d8	7.236	98	984633	45.711	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	91.420%
62) 4-Bromofluorobenzene	10.002	95	394970	44.541	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	89.080%

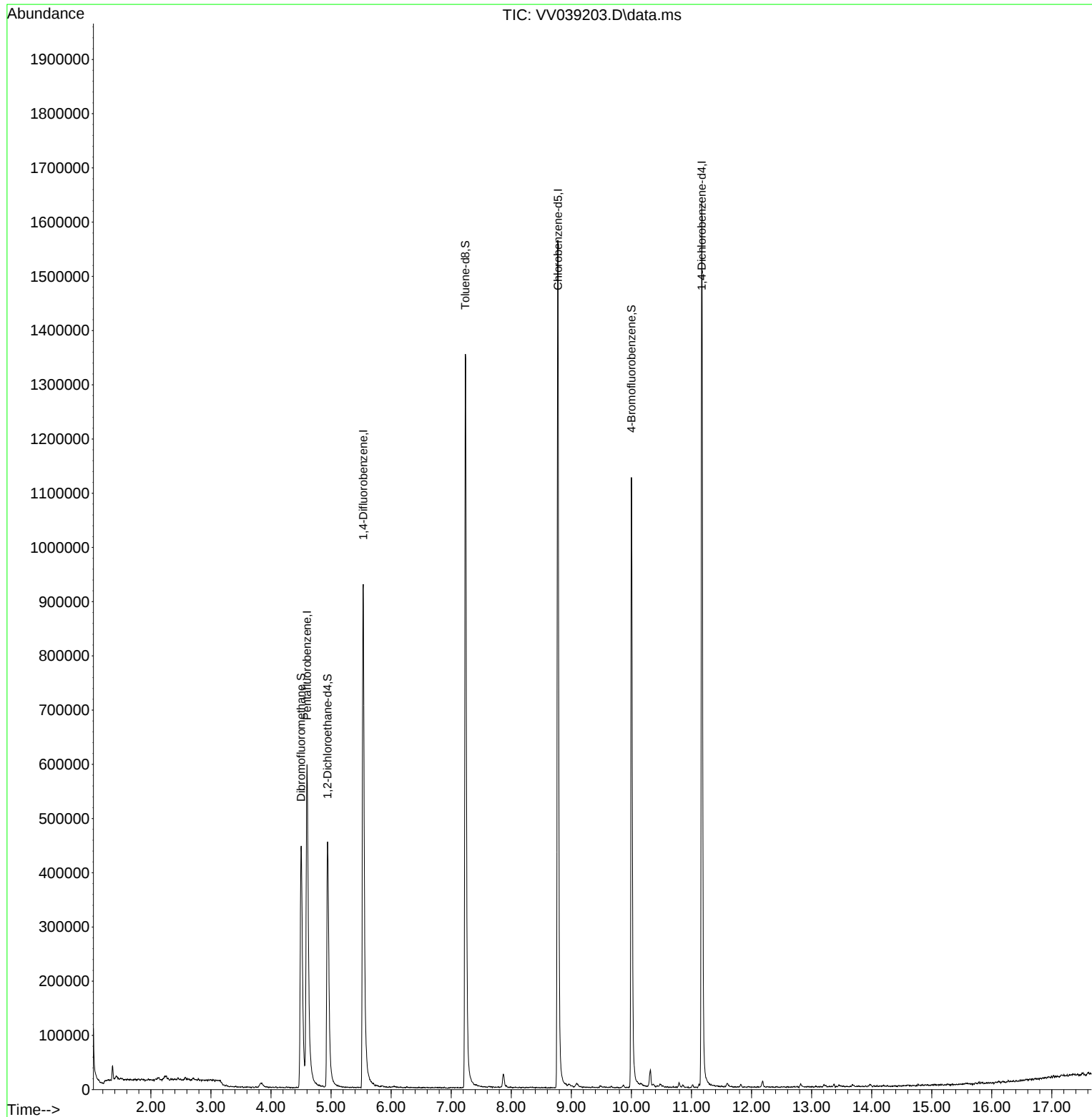
Target Compounds	Qvalue

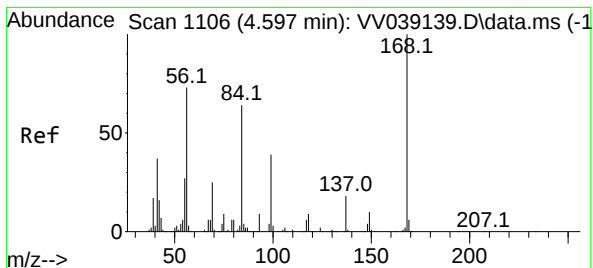
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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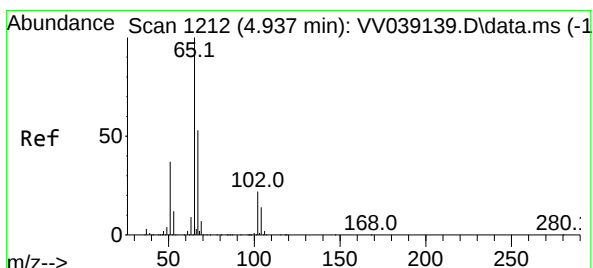
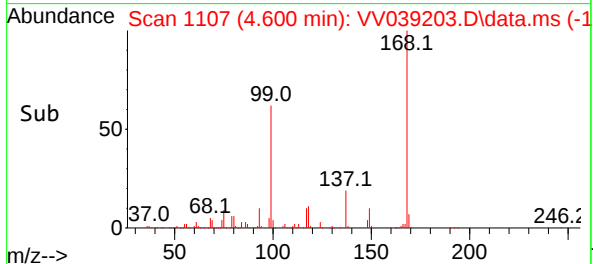
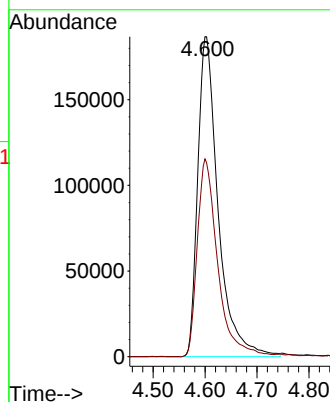
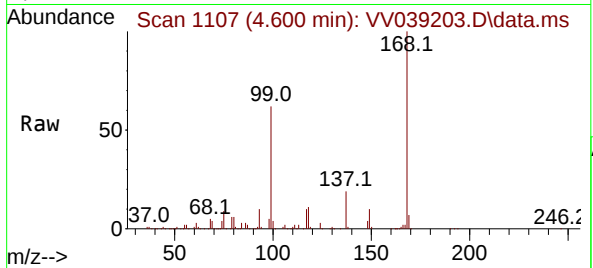




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1106
Delta R.T. 0.003 min
Lab File: VV039203.D
Acq: 26 Sep 2025 11:36

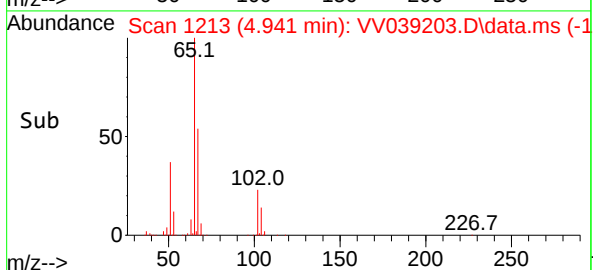
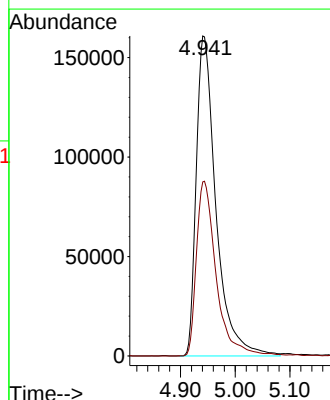
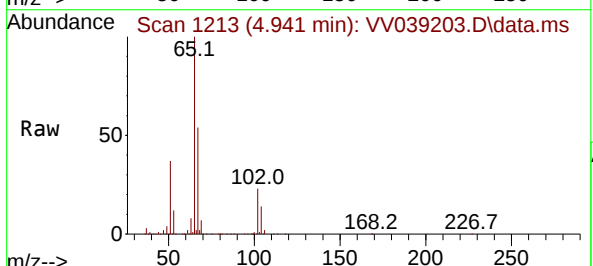
Instrument :
MSVOA_V
ClientSampleId :
EB-02-092225

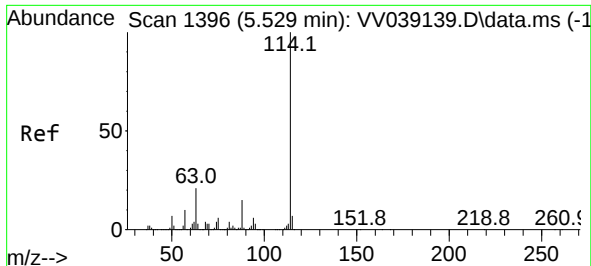
Tgt Ion:168 Resp: 509169
Ion Ratio Lower Upper
168 100
99 61.8 49.6 74.4



#33
1,2-Dichloroethane-d4
Concen: 54.642 ug/l
RT: 4.941 min Scan# 1213
Delta R.T. 0.003 min
Lab File: VV039203.D
Acq: 26 Sep 2025 11:36

Tgt Ion: 65 Resp: 402670
Ion Ratio Lower Upper
65 100
67 54.3 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: VV039203.D

Acq: 26 Sep 2025 11:36

Instrument :

MSVOA_V

ClientSampleId :

EB-02-092225

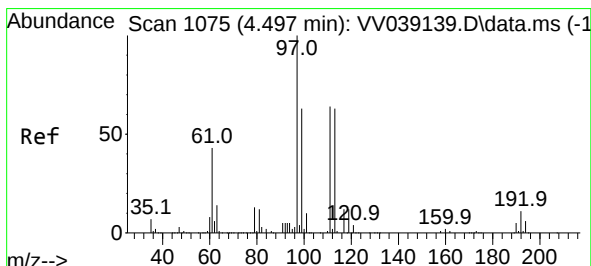
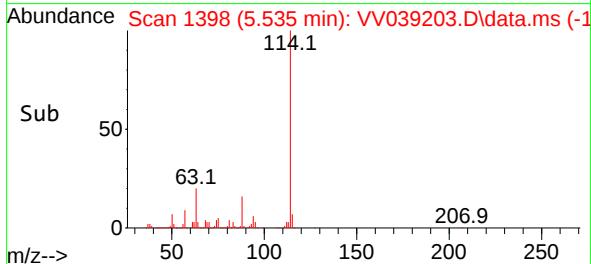
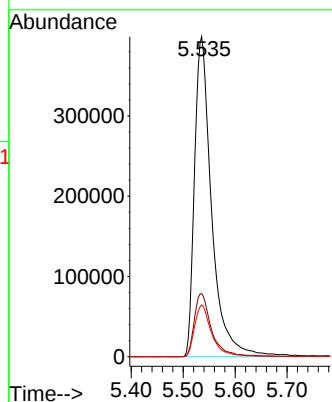
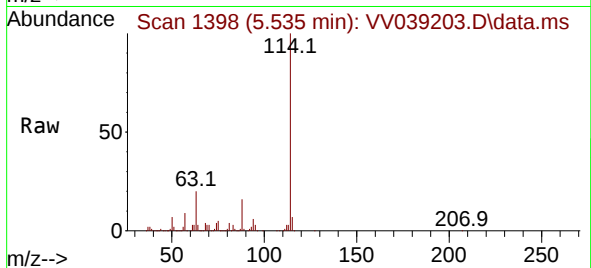
Tgt Ion:114 Resp: 912297

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.6

88 16.1 0.0 30.8



#35

Dibromofluoromethane

Concen: 50.854 ug/l

RT: 4.503 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VV039203.D

Acq: 26 Sep 2025 11:36

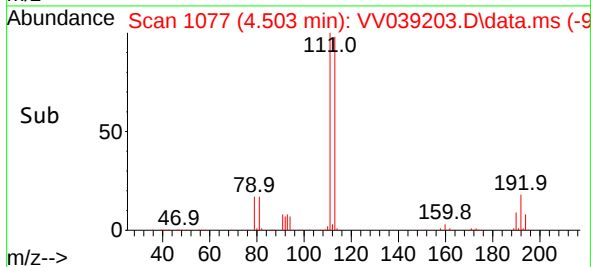
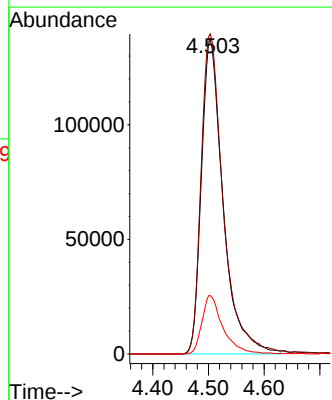
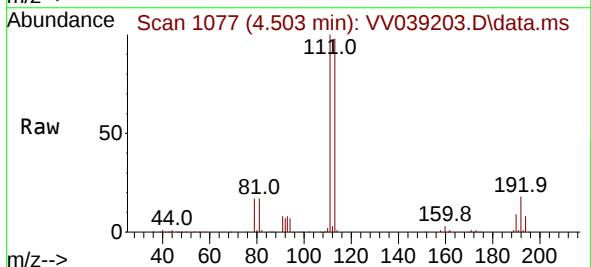
Tgt Ion:113 Resp: 372970

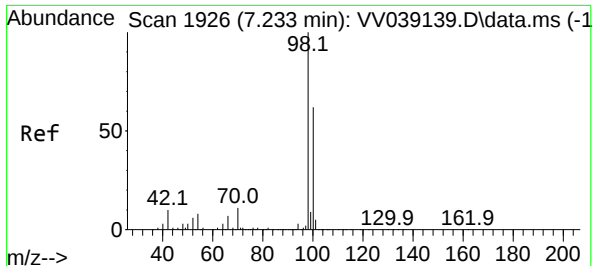
Ion Ratio Lower Upper

113 100

111 103.2 82.4 123.6

192 17.8 13.8 20.8

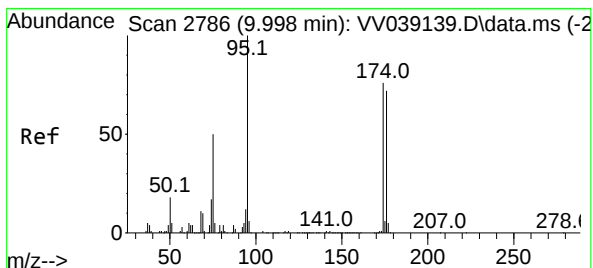
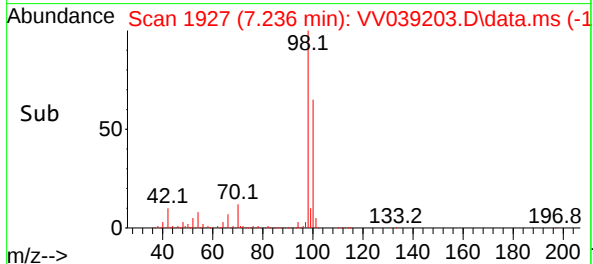
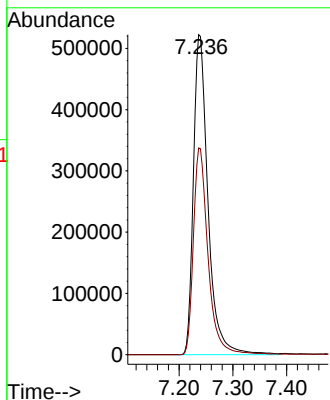
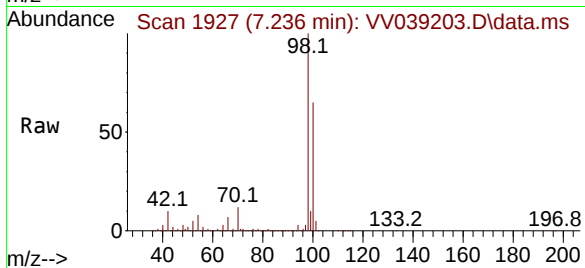




#50
Toluene-d8
Concen: 45.711 ug/l
RT: 7.236 min Scan# 1926
Delta R.T. 0.003 min
Lab File: VV039203.D
Acq: 26 Sep 2025 11:36

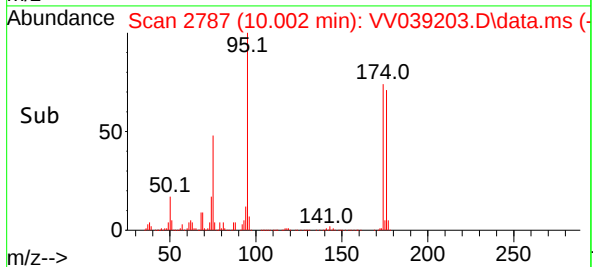
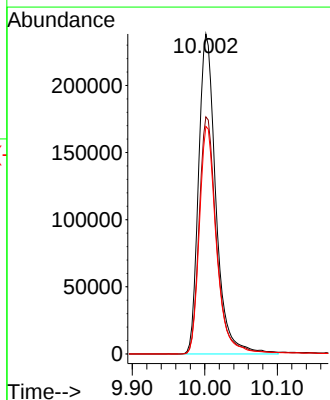
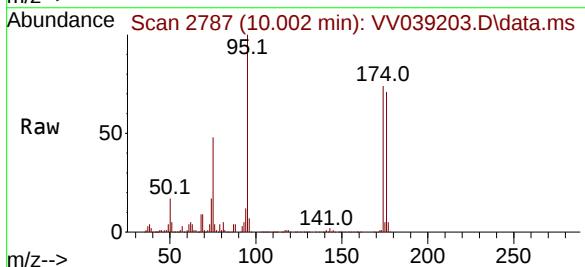
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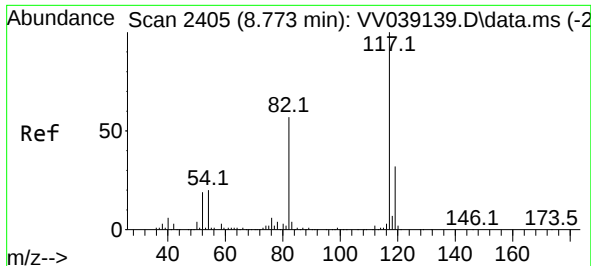
Tgt Ion: 98 Resp: 984633
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 44.541 ug/l
RT: 10.002 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039203.D
Acq: 26 Sep 2025 11:36

Tgt Ion: 95 Resp: 394970
Ion Ratio Lower Upper
95 100
174 74.3 0.0 150.4
176 70.5 0.0 144.2

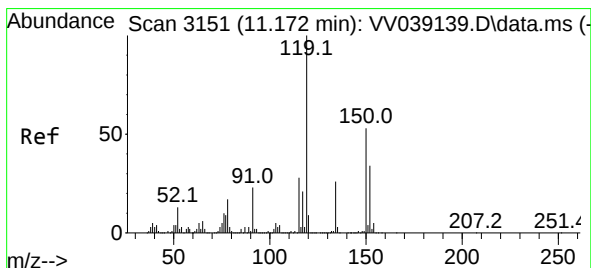
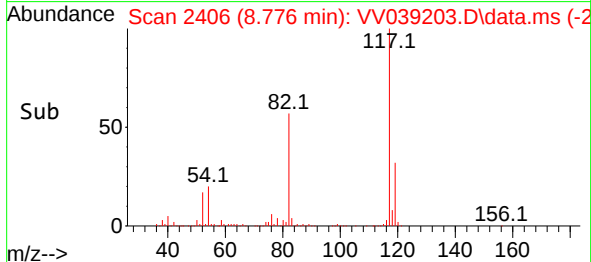
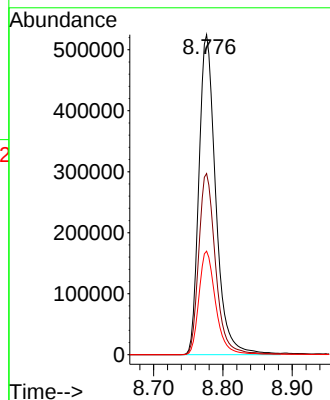
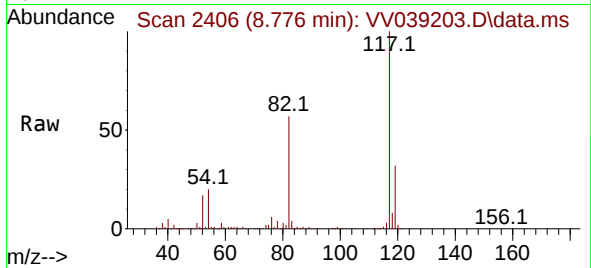




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV039203.D
Acq: 26 Sep 2025 11:36

Instrument :
MSVOA_V
ClientSampleId :
EB-02-092225

Tgt Ion:117 Resp: 888919
Ion Ratio Lower Upper
117 100
82 56.6 45.4 68.2
119 32.4 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: VV039203.D
Acq: 26 Sep 2025 11:36

Tgt Ion:152 Resp: 432706
Ion Ratio Lower Upper
152 100
115 61.0 44.8 134.4
150 158.7 0.0 353.8

