

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
 Data File : VV039181.D
 Acq On : 25 Sep 2025 15:10
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK

Quant Time: Sep 26 01:30:06 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	4.603	168	606496	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	1090714	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	1059979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	505603	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	480760	54.770	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	109.540%
35) Dibromofluoromethane	4.503	113	436790	49.814	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	99.620%
50) Toluene-d8	7.236	98	1194298	46.375	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	92.740%
62) 4-Bromofluorobenzene	10.001	95	474667	44.772	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	89.540%

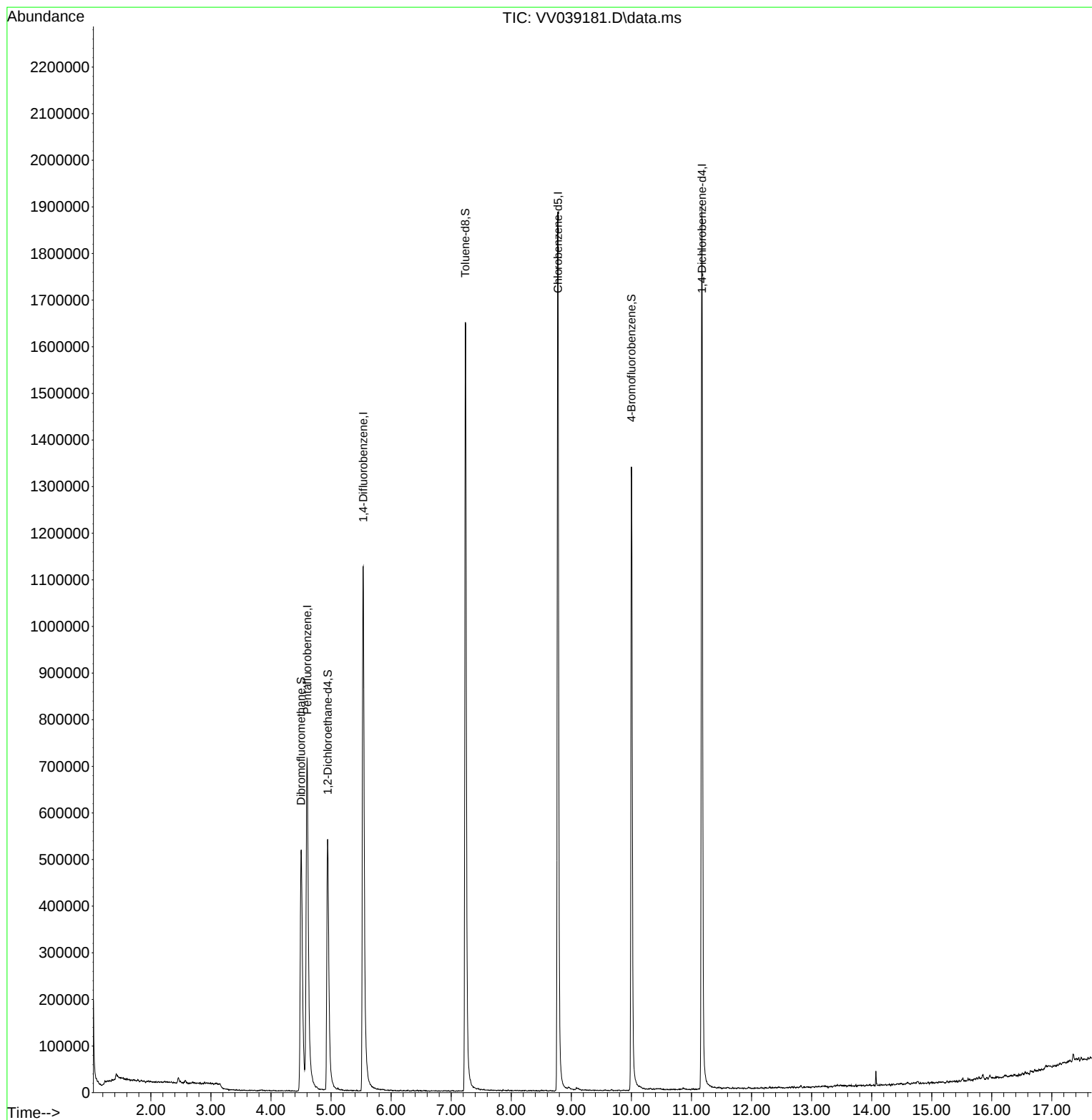
Target Compounds	Qvalue

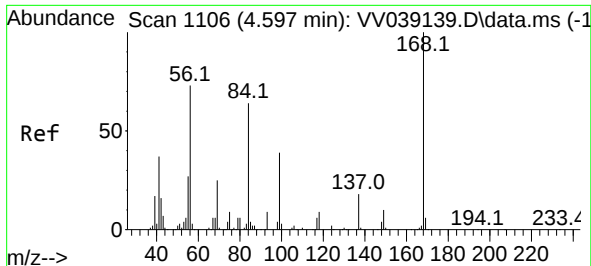
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
Data File : VV039181.D
Acq On : 25 Sep 2025 15:10
Operator : SY/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK

Quant Time: Sep 26 01:30:06 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

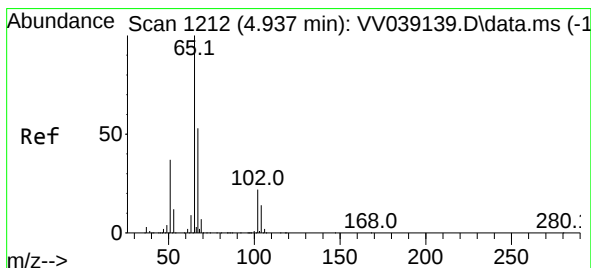
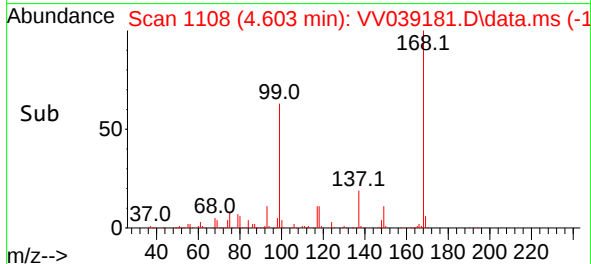
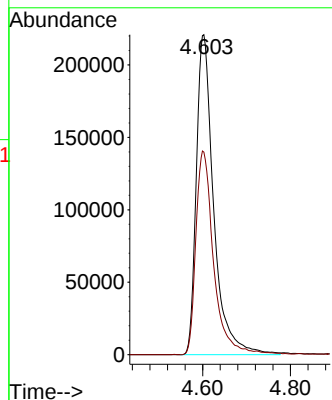
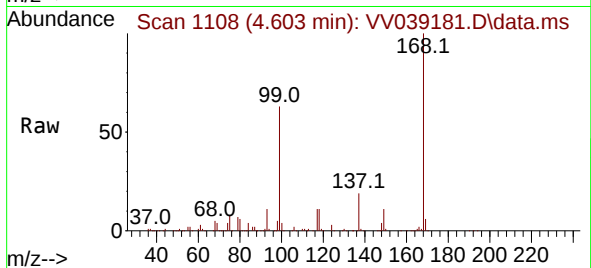




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.603 min Scan# 1108
Delta R.T. 0.006 min
Lab File: VV039181.D
Acq: 25 Sep 2025 15:10

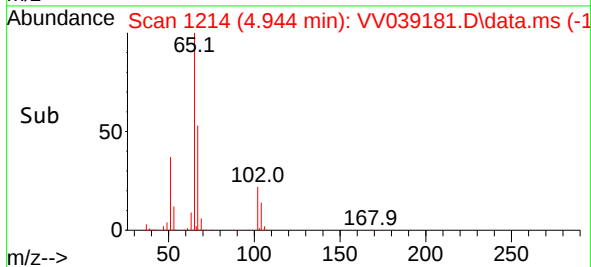
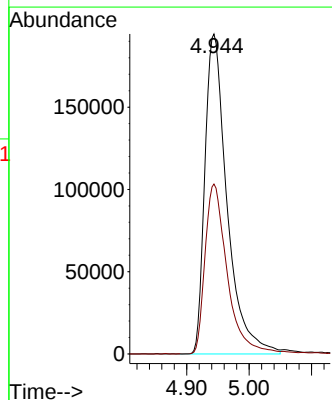
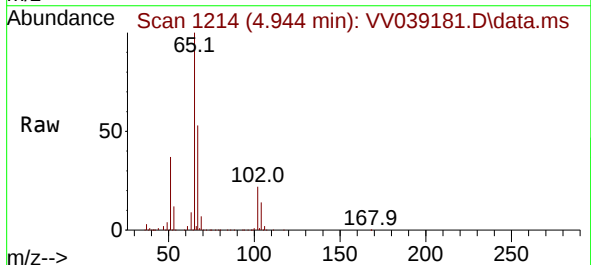
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

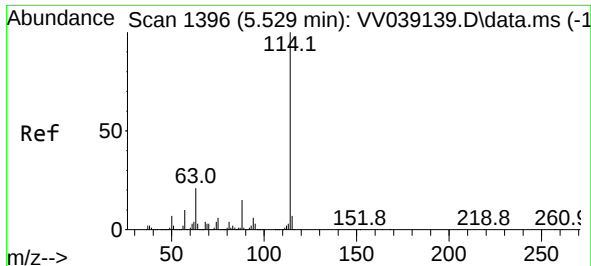
Tgt Ion:168 Resp: 606496
Ion Ratio Lower Upper
168 100
99 63.3 49.6 74.4



#33
1,2-Dichloroethane-d4
Concen: 54.770 ug/l
RT: 4.944 min Scan# 1214
Delta R.T. 0.006 min
Lab File: VV039181.D
Acq: 25 Sep 2025 15:10

Tgt Ion: 65 Resp: 480760
Ion Ratio Lower Upper
65 100
67 53.5 0.0 107.0

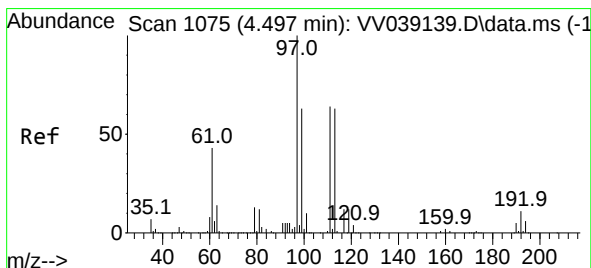
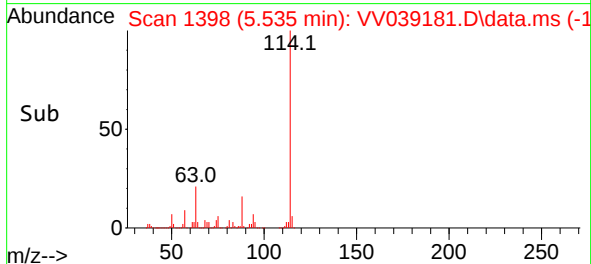
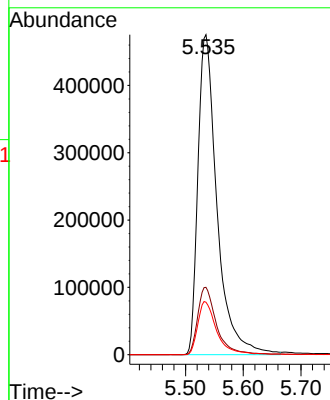
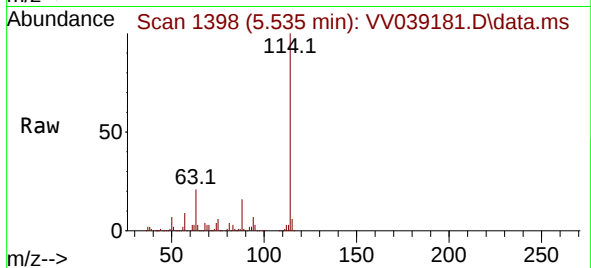




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.535 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV039181.D
Acq: 25 Sep 2025 15:10

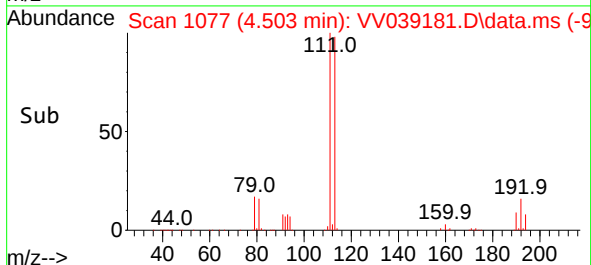
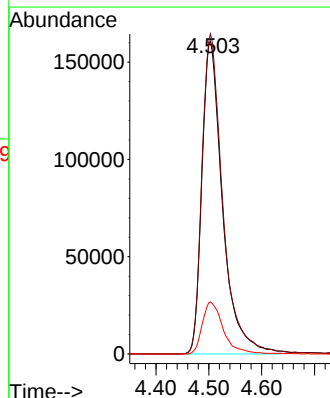
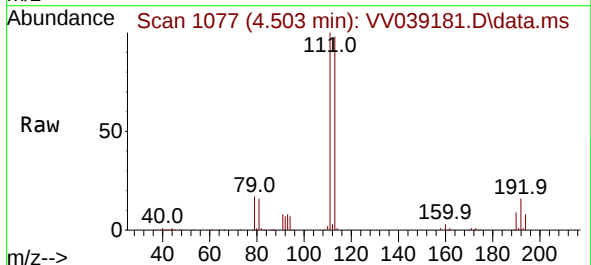
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

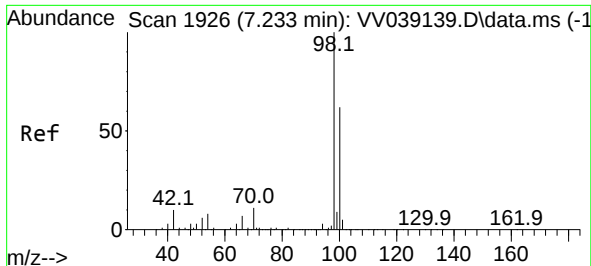
Tgt Ion:114 Resp: 1090714
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.6
88 16.4 0.0 30.8



#35
Dibromofluoromethane
Concen: 49.814 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VV039181.D
Acq: 25 Sep 2025 15:10

Tgt Ion:113 Resp: 436790
Ion Ratio Lower Upper
113 100
111 103.2 82.4 123.6
192 16.8 13.8 20.8

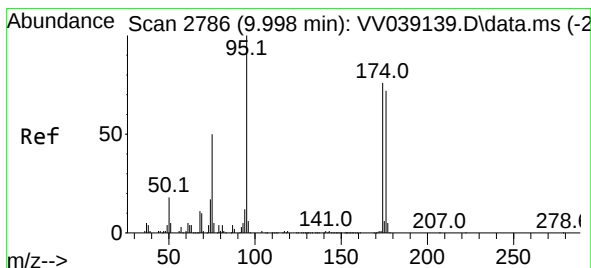
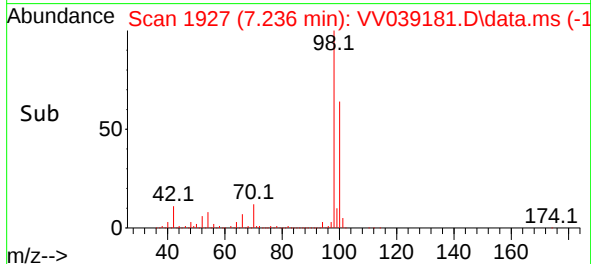
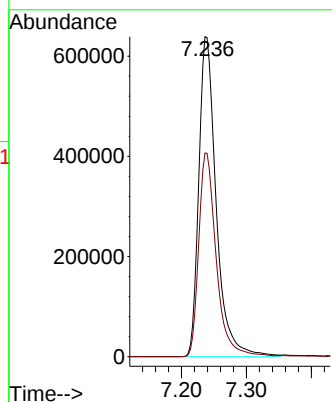
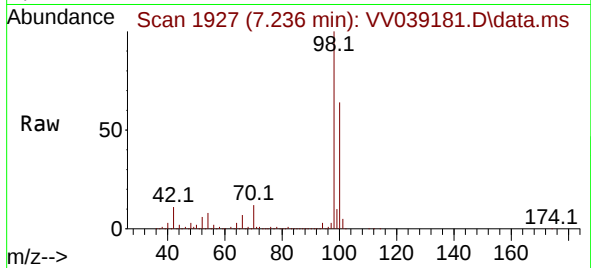




#50
Toluene-d8
Concen: 46.375 ug/l
RT: 7.236 min Scan# 1926
Delta R.T. 0.003 min
Lab File: VV039181.D
Acq: 25 Sep 2025 15:10

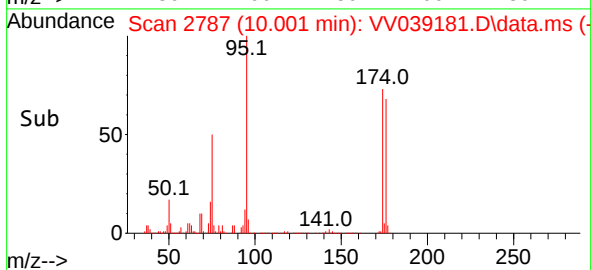
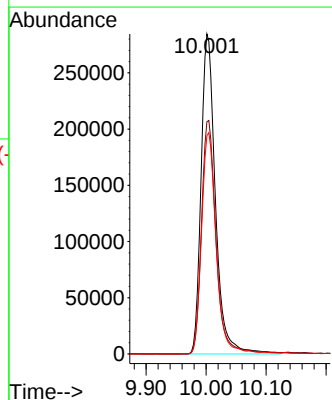
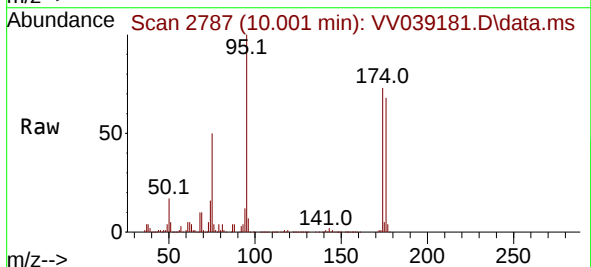
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

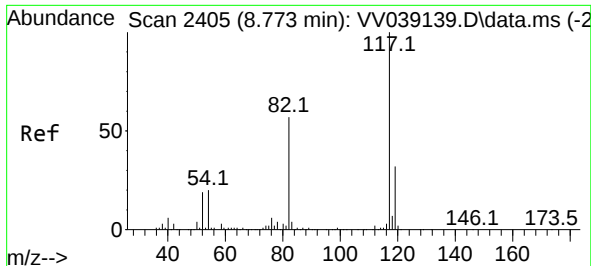
Tgt Ion: 98 Resp: 1194298
Ion Ratio Lower Upper
98 100
100 64.0 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 44.772 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039181.D
Acq: 25 Sep 2025 15:10

Tgt Ion: 95 Resp: 474667
Ion Ratio Lower Upper
95 100
174 73.7 0.0 150.4
176 70.0 0.0 144.2

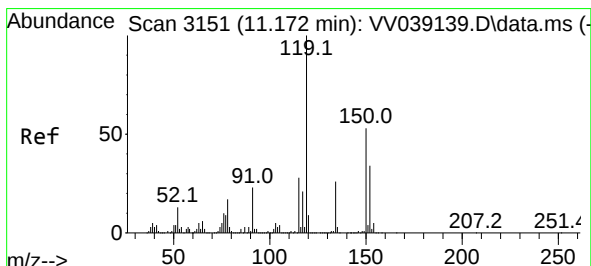
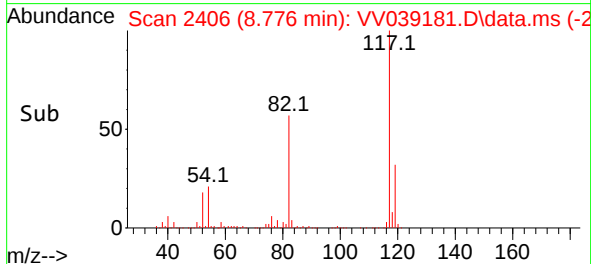
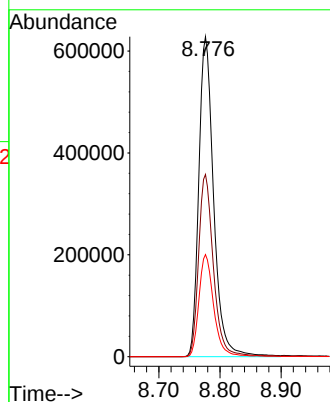
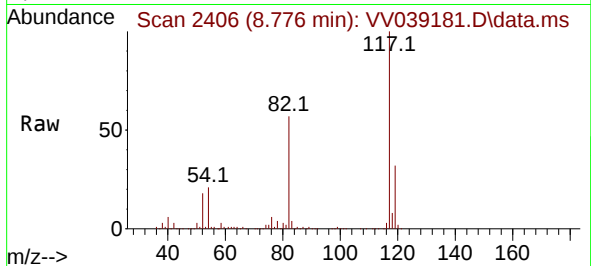




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV039181.D
Acq: 25 Sep 2025 15:10

Instrument :
MSVOA_V
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 1059979
Ion Ratio Lower Upper
117 100
82 56.9 45.4 68.2
119 31.9 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: VV039181.D
Acq: 25 Sep 2025 15:10

Tgt Ion:152 Resp: 505603
Ion Ratio Lower Upper
152 100
115 61.3 44.8 134.4
150 156.3 0.0 353.8

