

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
 Data File : VV039155.D
 Acq On : 24 Sep 2025 16:16
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK

Quant Time: Sep 25 08:17:48 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	637922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	1135203	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	1123266	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	564292	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	509198	55.152	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	110.300%
35) Dibromofluoromethane	4.503	113	432592	47.402	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	94.800%
50) Toluene-d8	7.236	98	1257753	46.925	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	93.840%
62) 4-Bromofluorobenzene	10.001	95	519093	47.044	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	94.080%

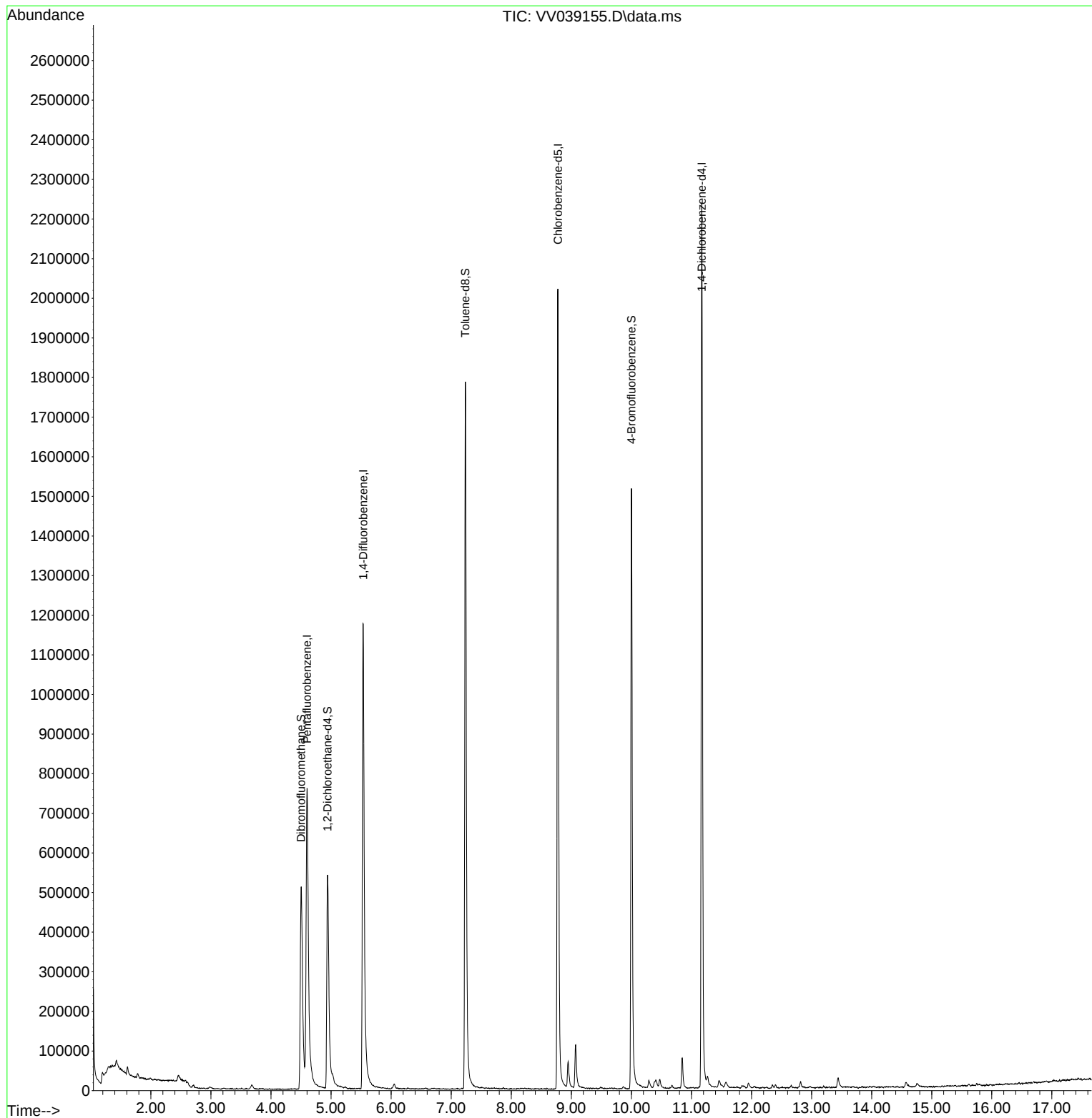
Target Compounds	Qvalue

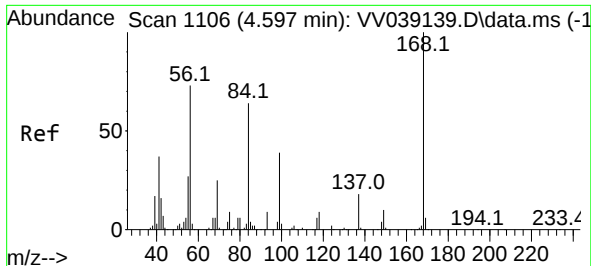
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039155.D
Acq On : 24 Sep 2025 16:16
Operator : SY/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK

Quant Time: Sep 25 08:17:48 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

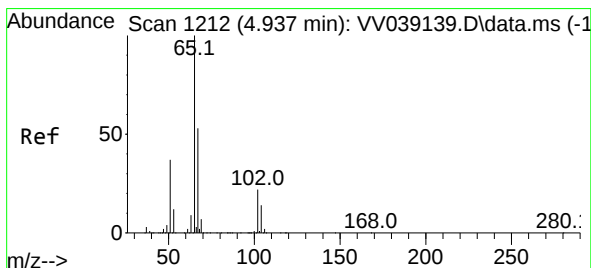
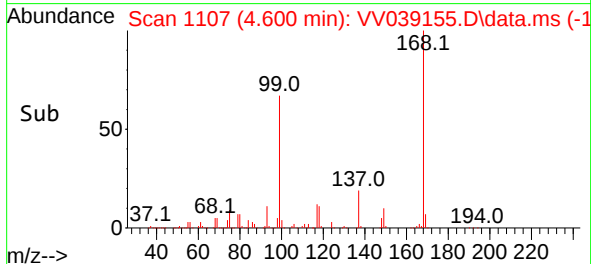
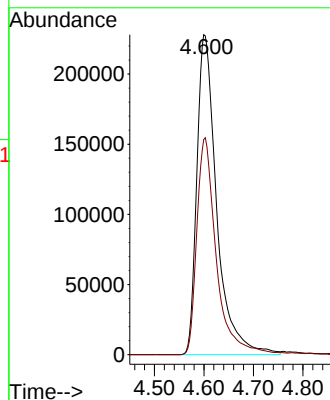
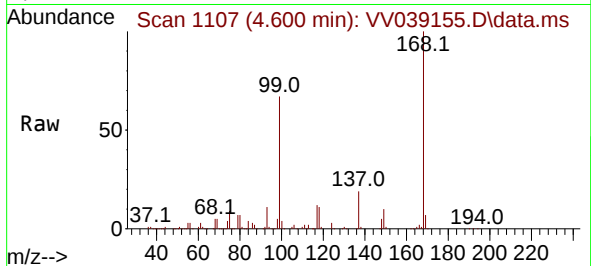




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1106
Delta R.T. 0.003 min
Lab File: VV039155.D
Acq: 24 Sep 2025 16:16

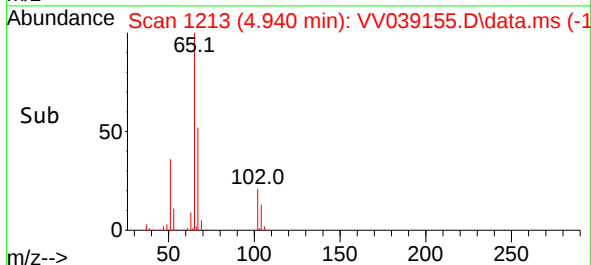
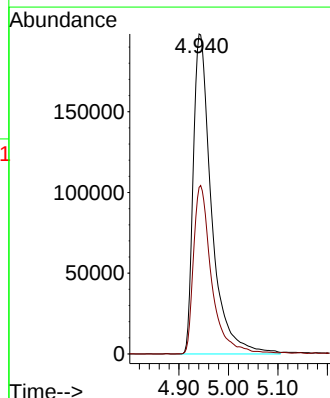
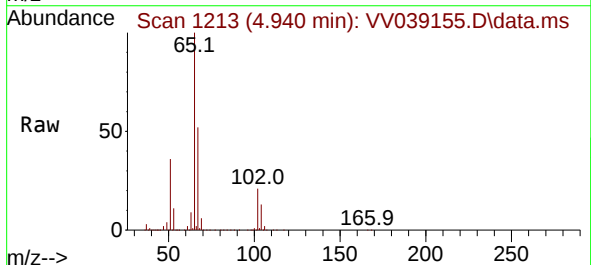
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

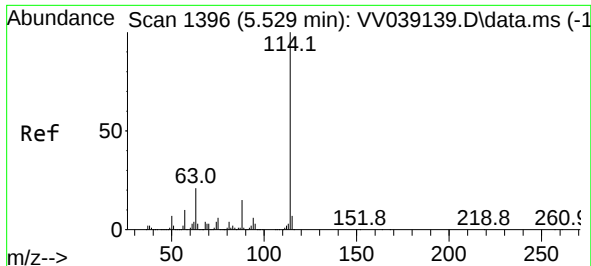
Tgt Ion:168 Resp: 637922
Ion Ratio Lower Upper
168 100
99 67.3 49.6 74.4



#33
1,2-Dichloroethane-d4
Concen: 55.152 ug/l
RT: 4.940 min Scan# 1213
Delta R.T. 0.003 min
Lab File: VV039155.D
Acq: 24 Sep 2025 16:16

Tgt Ion: 65 Resp: 509198
Ion Ratio Lower Upper
65 100
67 52.2 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.535 min Scan# 1135203

Delta R.T. 0.006 min

Lab File: VV039155.D

Acq: 24 Sep 2025 16:16

Instrument :

MSVOA_V

ClientSampleId :

VIBLK

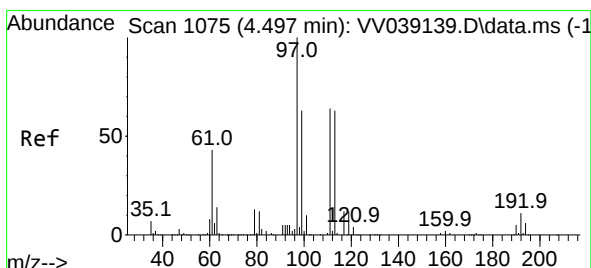
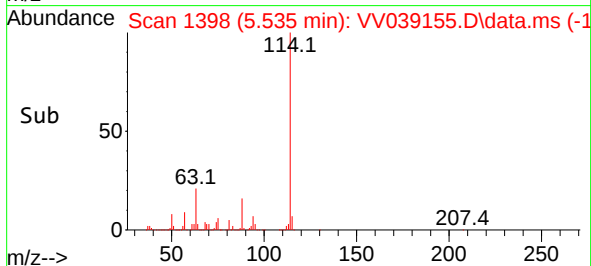
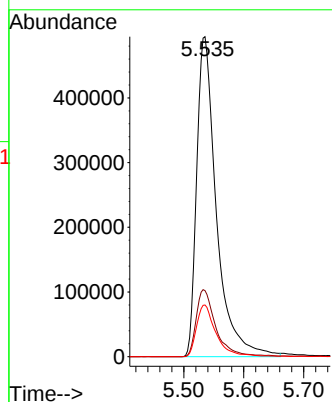
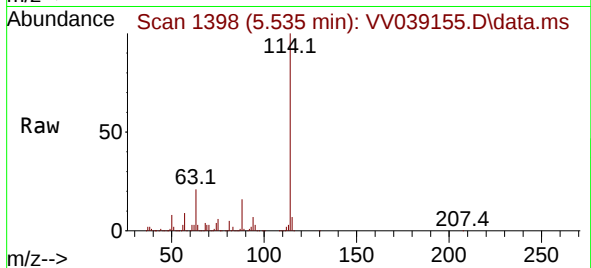
Tgt Ion:114 Resp: 1135203

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.6

88 16.2 0.0 30.8



#35

Dibromofluoromethane

Concen: 47.402 ug/l

RT: 4.503 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VV039155.D

Acq: 24 Sep 2025 16:16

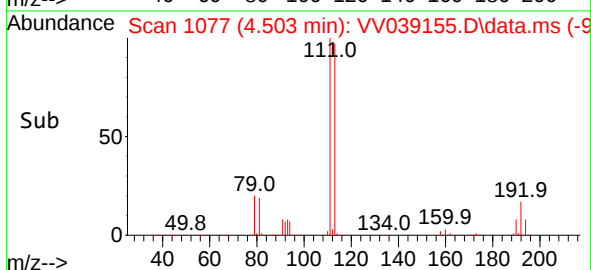
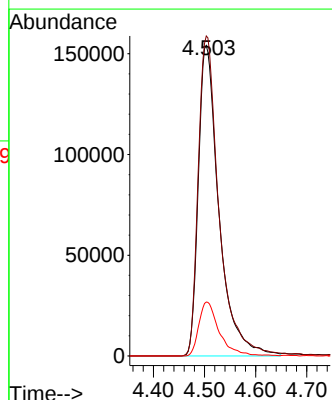
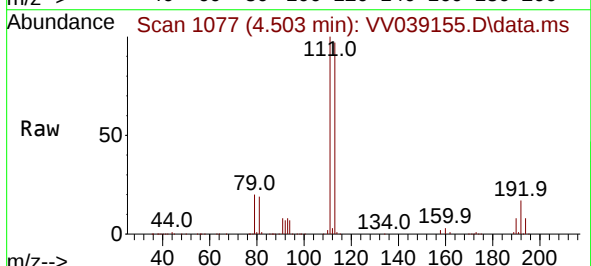
Tgt Ion:113 Resp: 432592

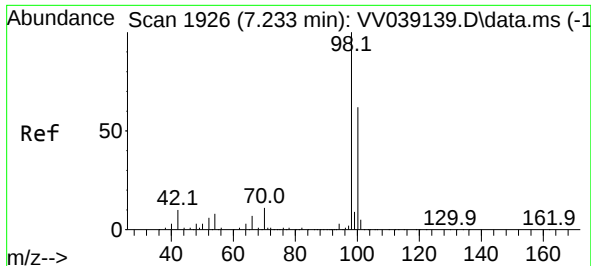
Ion Ratio Lower Upper

113 100

111 103.7 82.4 123.6

192 17.1 13.8 20.8

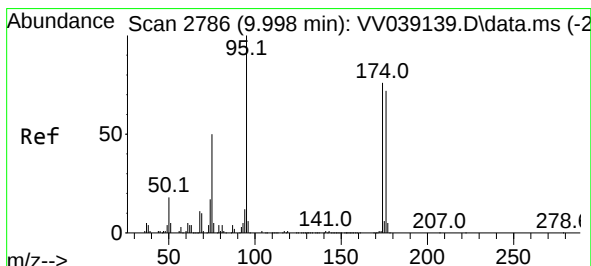
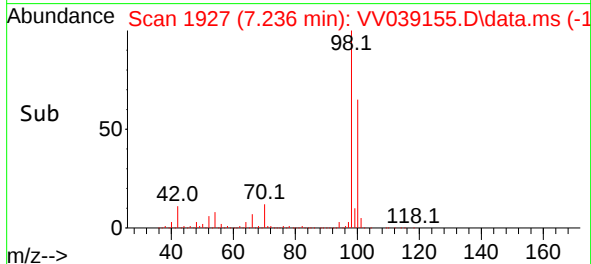
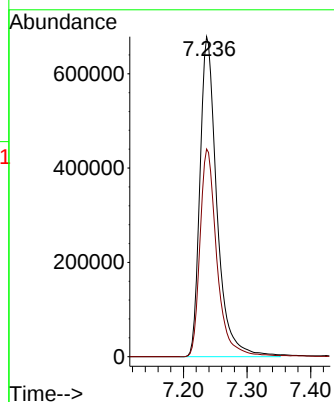
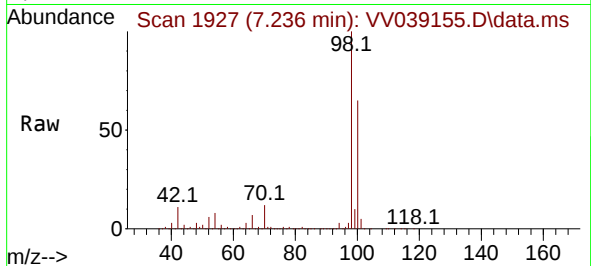




#50
Toluene-d8
Concen: 46.925 ug/l
RT: 7.236 min Scan# 1926
Delta R.T. 0.003 min
Lab File: VV039155.D
Acq: 24 Sep 2025 16:16

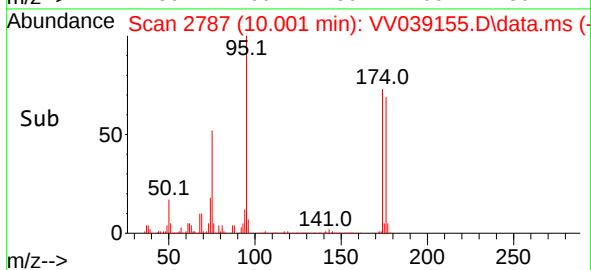
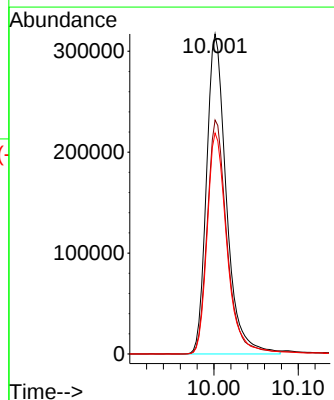
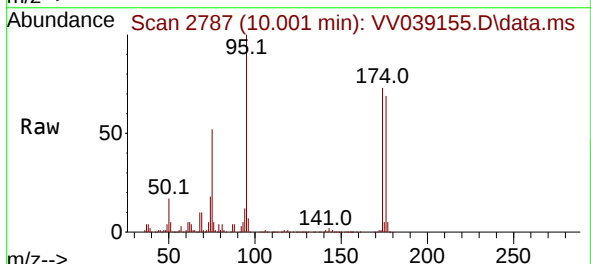
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

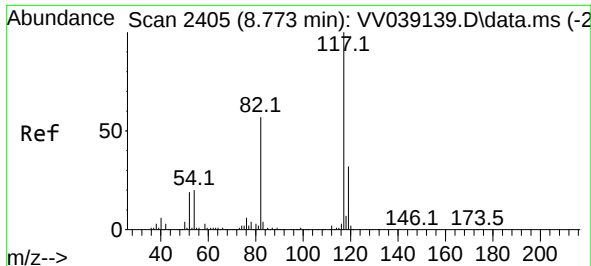
Tgt Ion: 98 Resp: 1257753
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 47.044 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039155.D
Acq: 24 Sep 2025 16:16

Tgt Ion: 95 Resp: 519093
Ion Ratio Lower Upper
95 100
174 74.1 0.0 150.4
176 69.7 0.0 144.2

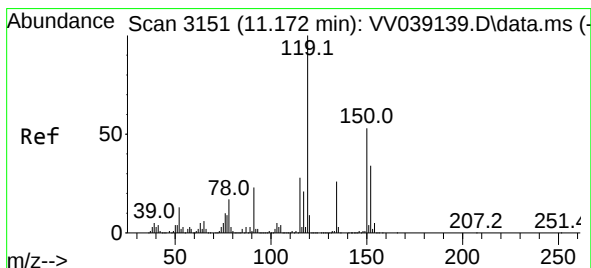
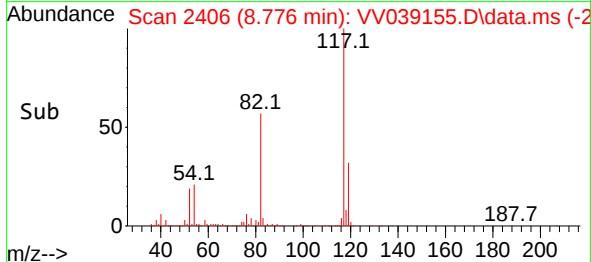
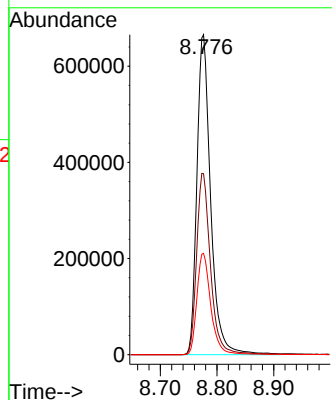
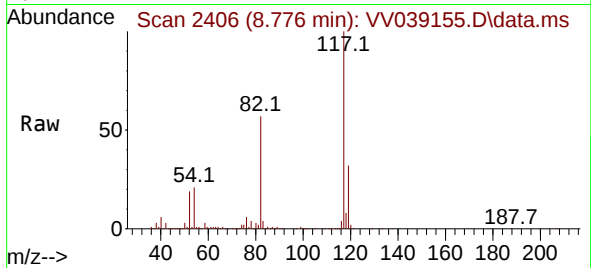




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV039155.D
Acq: 24 Sep 2025 16:16

Instrument :
MSVOA_V
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 1123266
Ion Ratio Lower Upper
117 100
82 56.5 45.4 68.2
119 31.6 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: VV039155.D
Acq: 24 Sep 2025 16:16

Tgt Ion:152 Resp: 564292
Ion Ratio Lower Upper
152 100
115 64.6 44.8 134.4
150 156.4 0.0 353.8

