

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
 Data File : VV039163.D
 Acq On : 24 Sep 2025 19:15
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK

Quant Time: Sep 25 08:22:59 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	536805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	968588	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	977586	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	475135	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	444222	57.178	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	114.360%
35) Dibromofluoromethane	4.503	113	391937	50.334	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	100.660%
50) Toluene-d8	7.236	98	1073286	46.931	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	93.860%
62) 4-Bromofluorobenzene	10.001	95	411373	43.694	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	87.380%

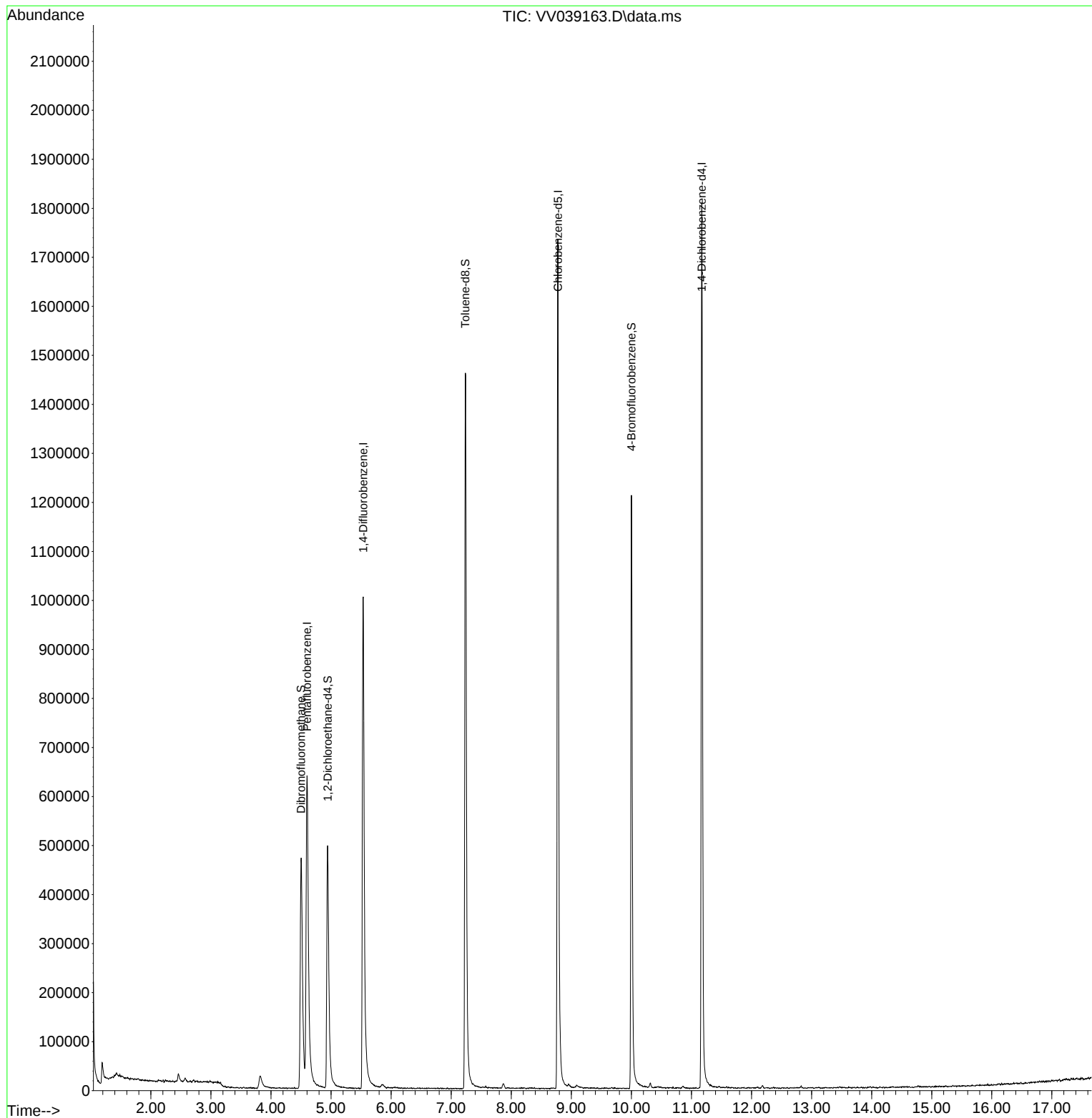
Target Compounds	Qvalue

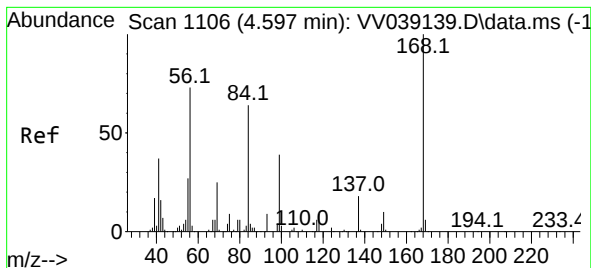
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039163.D
Acq On : 24 Sep 2025 19:15
Operator : SY/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK

Quant Time: Sep 25 08:22:59 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

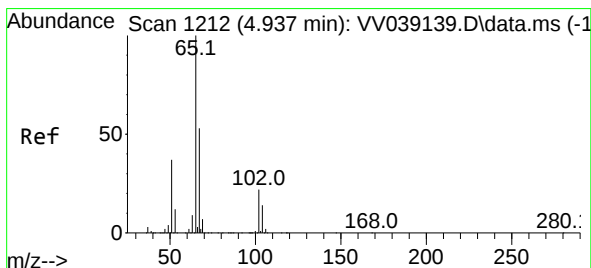
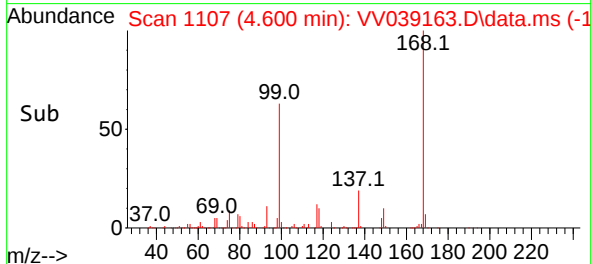
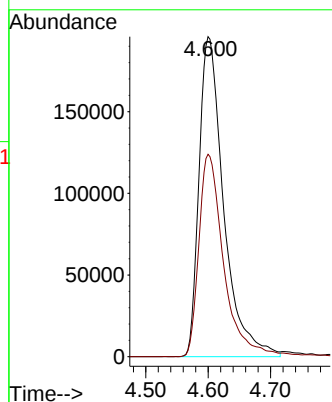
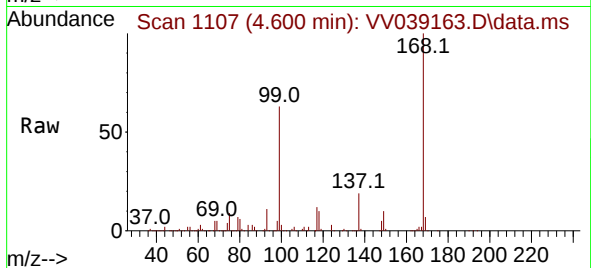




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1106
Delta R.T. 0.003 min
Lab File: VV039163.D
Acq: 24 Sep 2025 19:15

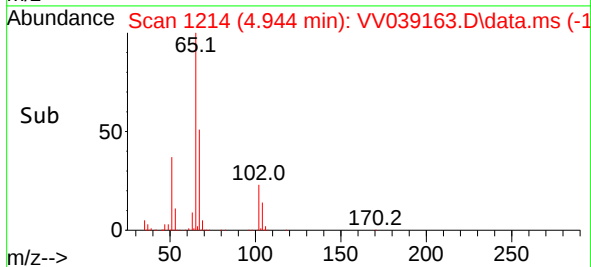
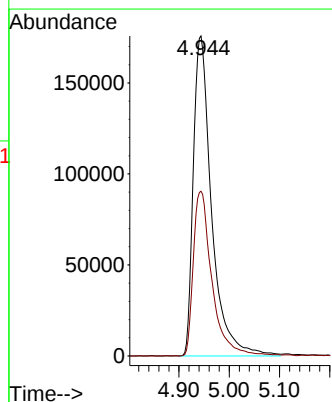
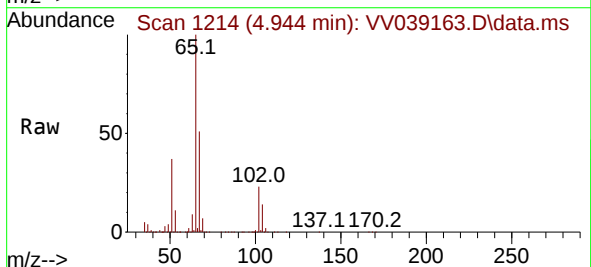
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

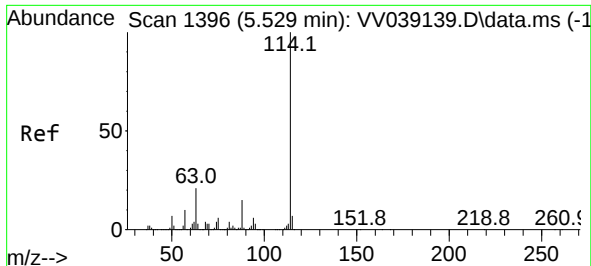
Tgt Ion:168 Resp: 536805
Ion Ratio Lower Upper
168 100
99 63.2 49.6 74.4



#33
1,2-Dichloroethane-d4
Concen: 57.178 ug/l
RT: 4.944 min Scan# 1214
Delta R.T. 0.006 min
Lab File: VV039163.D
Acq: 24 Sep 2025 19:15

Tgt Ion: 65 Resp: 444222
Ion Ratio Lower Upper
65 100
67 52.4 0.0 107.0

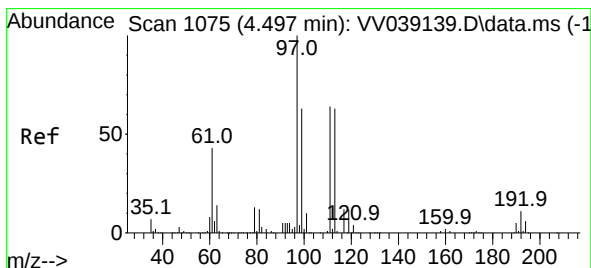
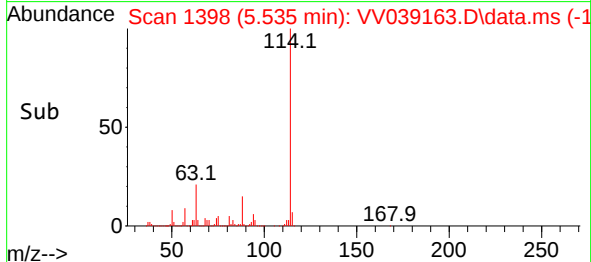
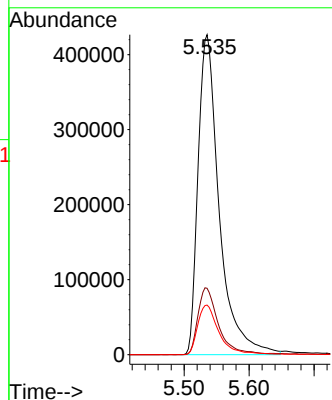
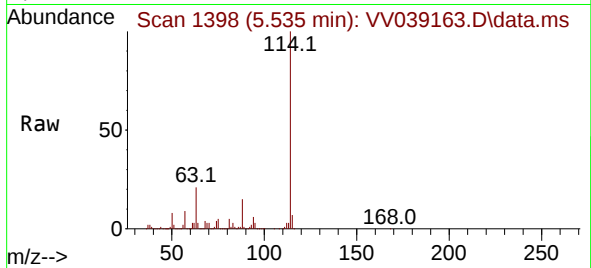




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.535 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VV039163.D
Acq: 24 Sep 2025 19:15

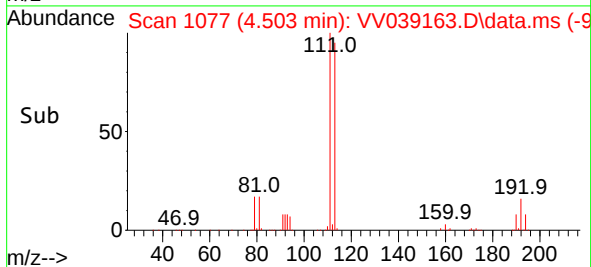
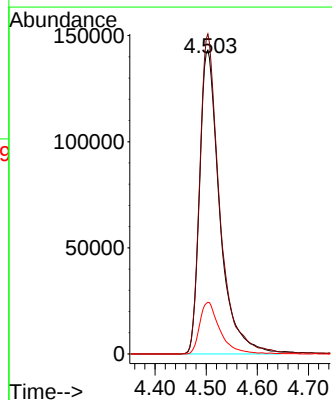
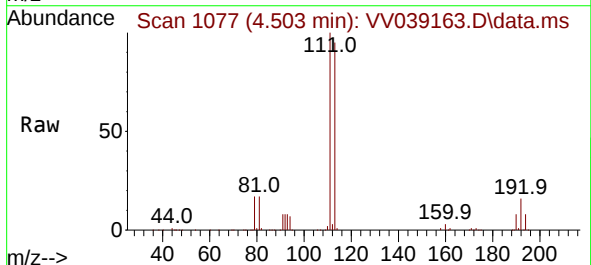
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

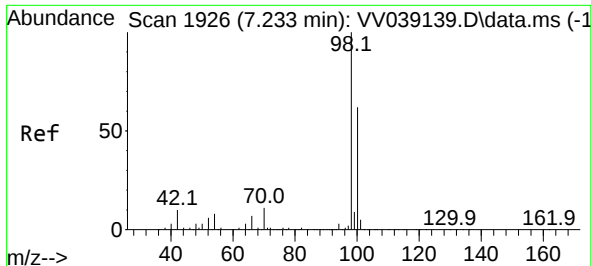
Tgt Ion:114	Resp: 968588
Ion Ratio	Lower Upper
114 100	
63 20.7	0.0 42.6
88 15.5	0.0 30.8



#35
Dibromofluoromethane
Concen: 50.334 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VV039163.D
Acq: 24 Sep 2025 19:15

Tgt Ion:113	Resp:	391937	
Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.4	123.6
192	17.0	13.8	20.8

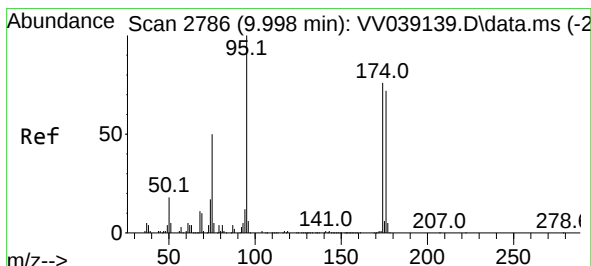
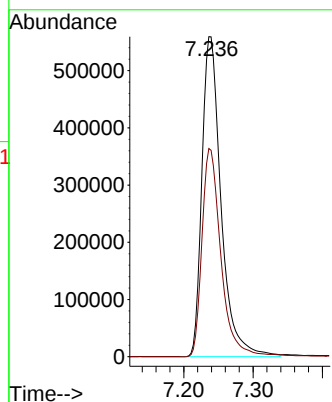
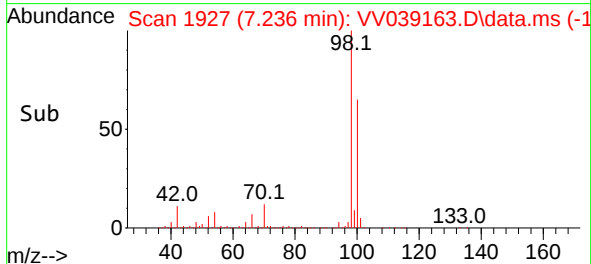
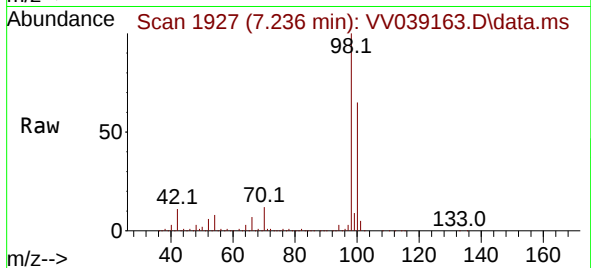




#50
Toluene-d8
Concen: 46.931 ug/l
RT: 7.236 min Scan# 1926
Delta R.T. 0.003 min
Lab File: VV039163.D
Acq: 24 Sep 2025 19:15

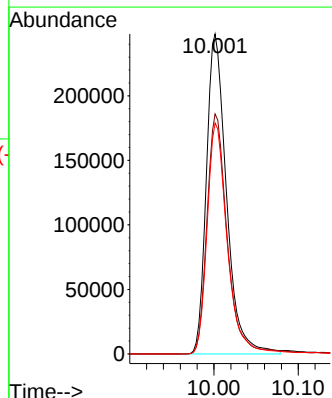
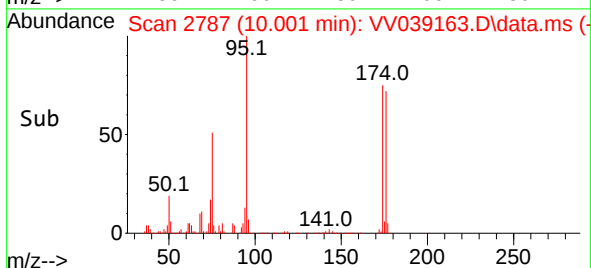
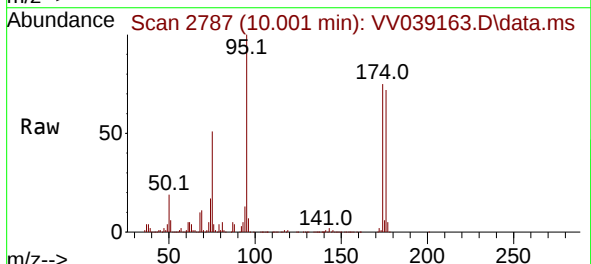
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

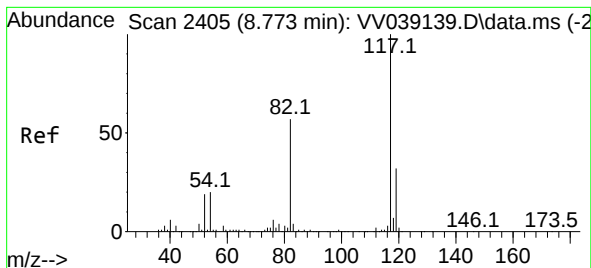
Tgt Ion: 98 Resp: 1073286
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 43.694 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039163.D
Acq: 24 Sep 2025 19:15

Tgt Ion: 95 Resp: 411373
Ion Ratio Lower Upper
95 100
174 76.3 0.0 150.4
176 72.6 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: VV039163.D

Acq: 24 Sep 2025 19:15

Instrument :

MSVOA_V

ClientSampleId :

VIBLK

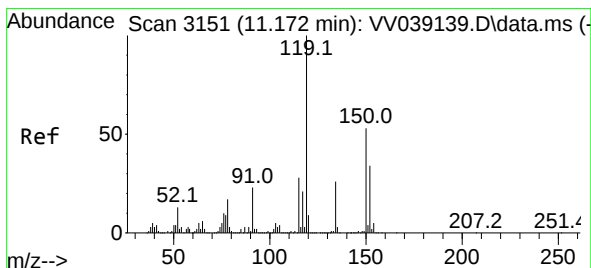
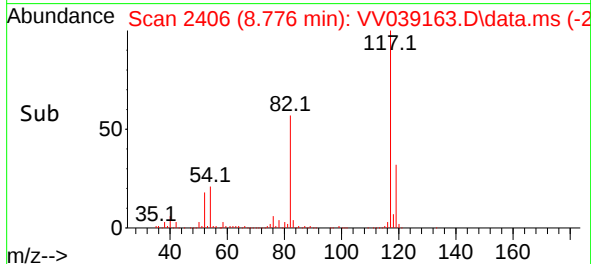
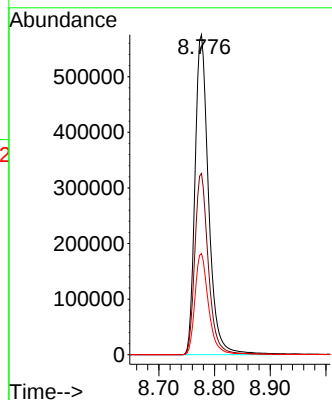
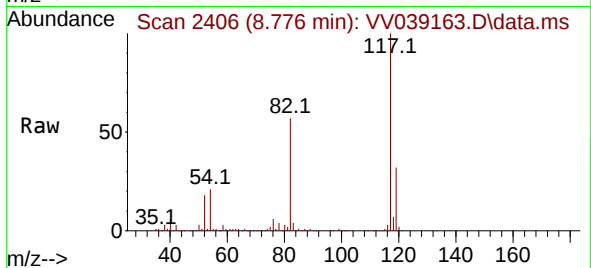
Tgt Ion:117 Resp: 977586

Ion Ratio Lower Upper

117 100

82 56.6 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: VV039163.D

Acq: 24 Sep 2025 19:15

Tgt Ion:152 Resp: 475135

Ion Ratio Lower Upper

152 100

115 60.5 44.8 134.4

150 159.7 0.0 353.8

