

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV102125\
 Data File : VV039293.D
 Acq On : 21 Oct 2025 09:57
 Operator : SY/MD
 Sample : VV1021WBL01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV1021WBL01

Quant Time: Oct 24 04:37:27 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	849314	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1529386	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1425854	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	623383	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	678996	56.263	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	112.520%
35) Dibromofluoromethane	4.500	113	604364	50.153	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	100.300%
50) Toluene-d8	7.236	98	1920999	46.859	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	93.720%
62) 4-Bromofluorobenzene	10.002	95	639110	43.775	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	87.540%

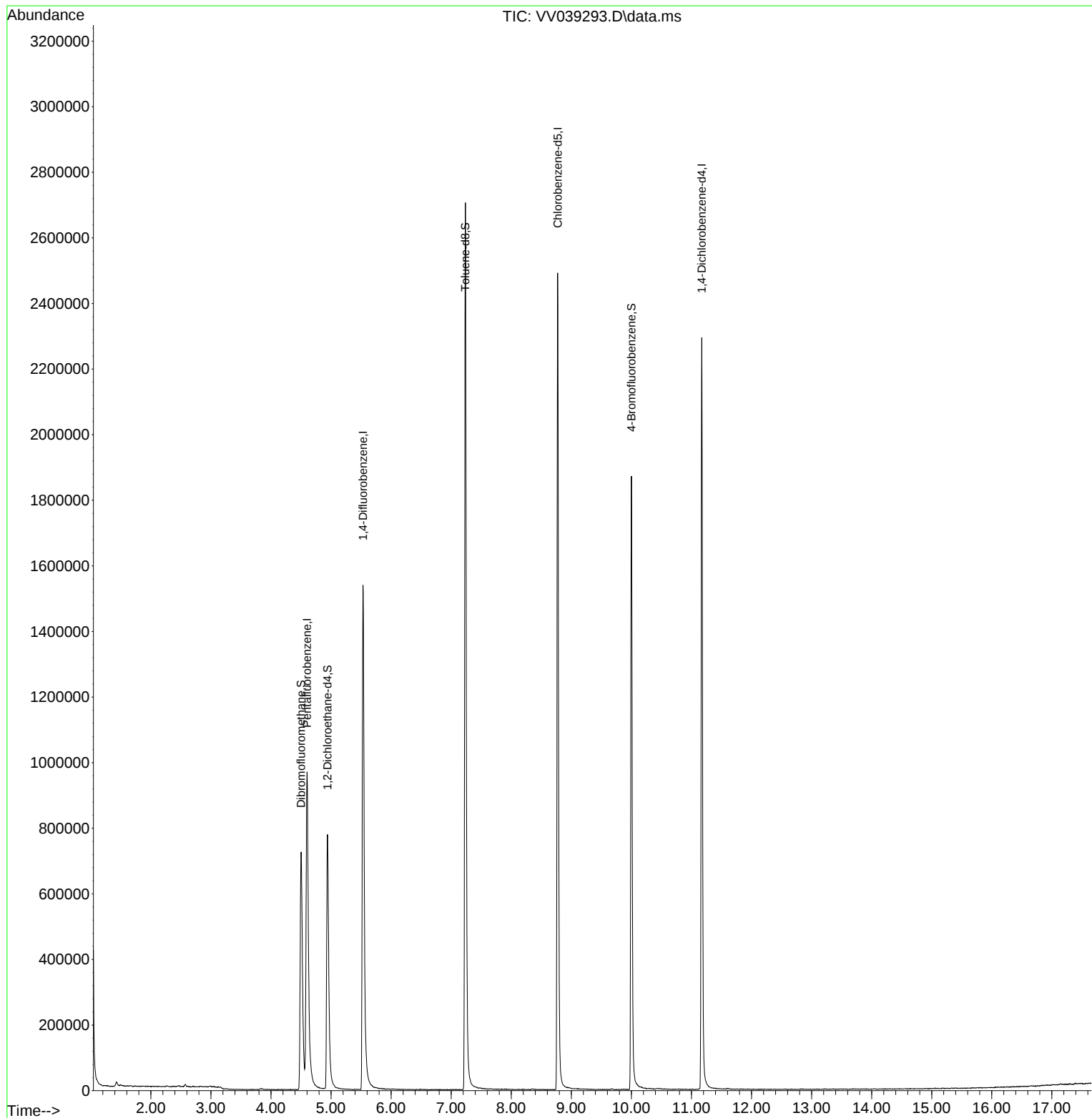
Target Compounds	Qvalue

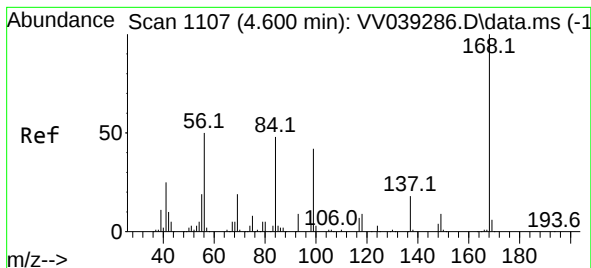
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV102125\
Data File : VV039293.D
Acq On : 21 Oct 2025 09:57
Operator : SY/MD
Sample : VV1021WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VV1021WBL01

Quant Time: Oct 24 04:37:27 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

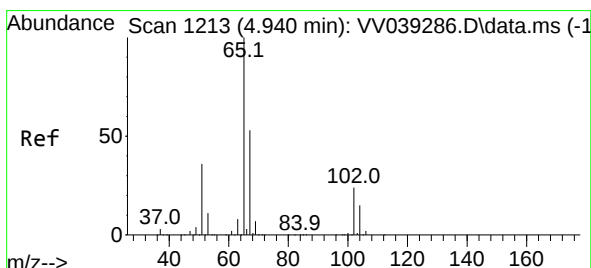
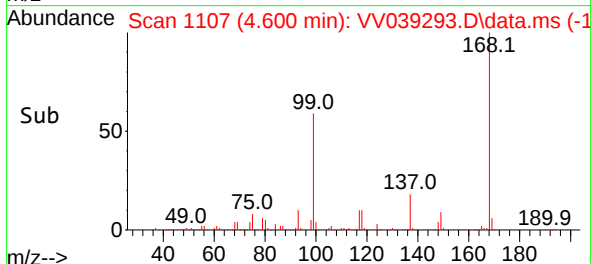
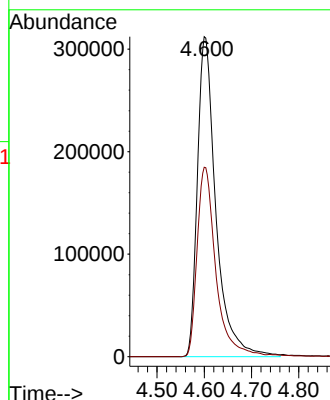
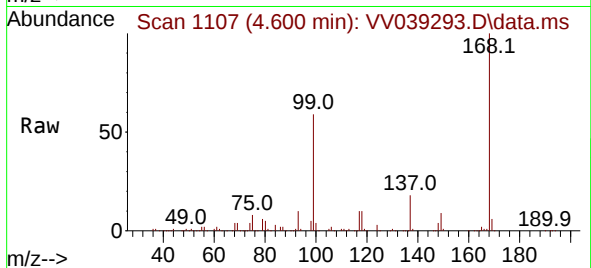




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VV039293.D
Acq: 21 Oct 2025 09:57

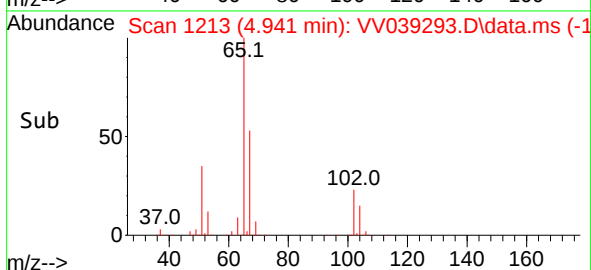
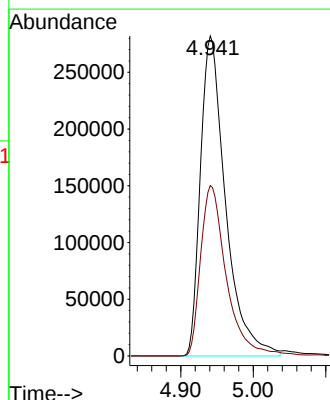
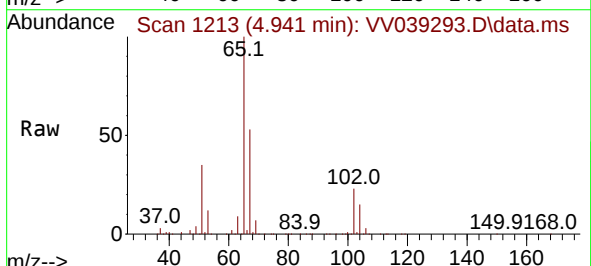
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBL01

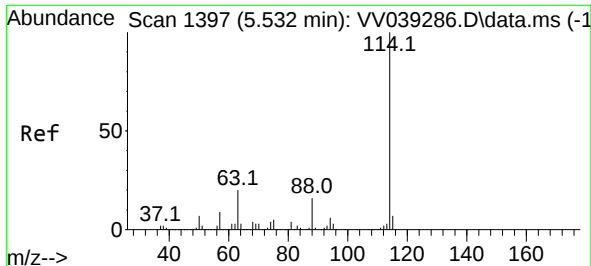
Tgt Ion:168 Resp: 849314
Ion Ratio Lower Upper
168 100
99 59.2 46.6 70.0



#33
1,2-Dichloroethane-d4
Concen: 56.263 ug/l
RT: 4.941 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VV039293.D
Acq: 21 Oct 2025 09:57

Tgt Ion: 65 Resp: 678996
Ion Ratio Lower Upper
65 100
67 54.6 0.0 108.4

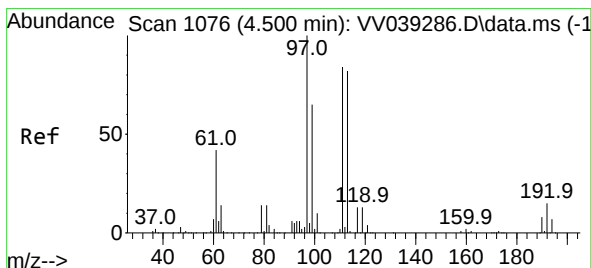
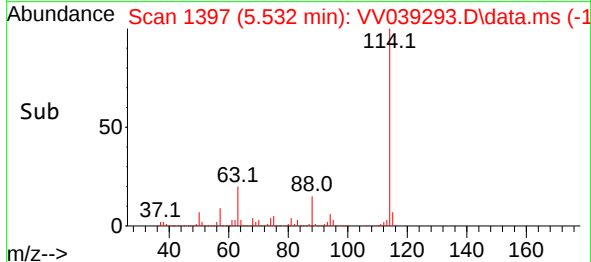
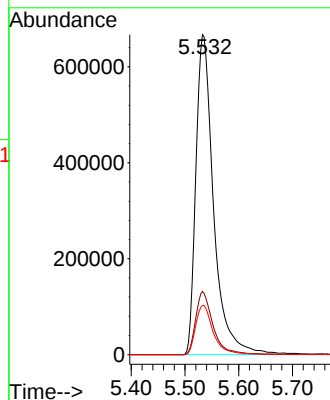
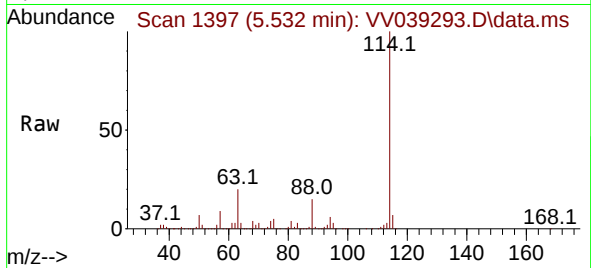




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV039293.D
Acq: 21 Oct 2025 09:57

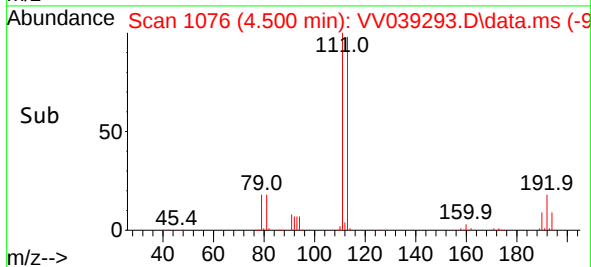
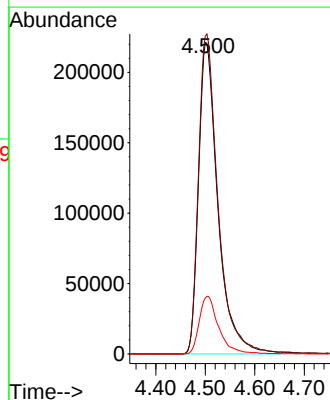
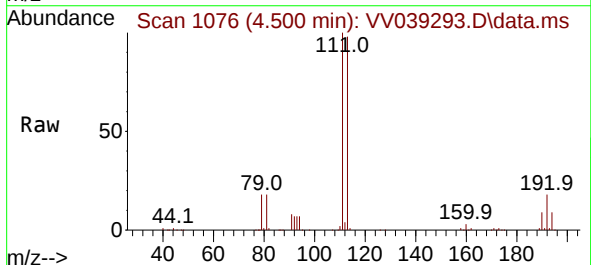
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBL01

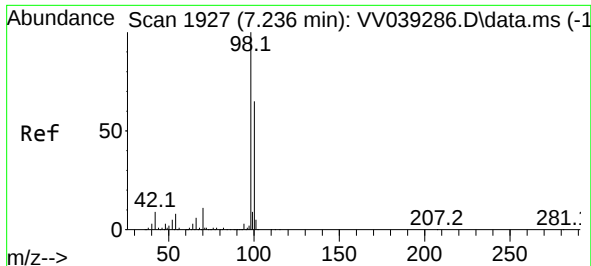
Tgt Ion:114 Resp: 1529386
Ion Ratio Lower Upper
114 100
63 19.7 0.0 39.6
88 15.4 0.0 31.6



#35
Dibromofluoromethane
Concen: 50.153 ug/l
RT: 4.500 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VV039293.D
Acq: 21 Oct 2025 09:57

Tgt Ion:113 Resp: 604364
Ion Ratio Lower Upper
113 100
111 103.0 82.0 123.0
192 18.4 14.3 21.5

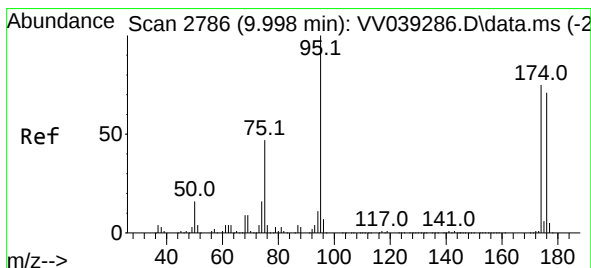
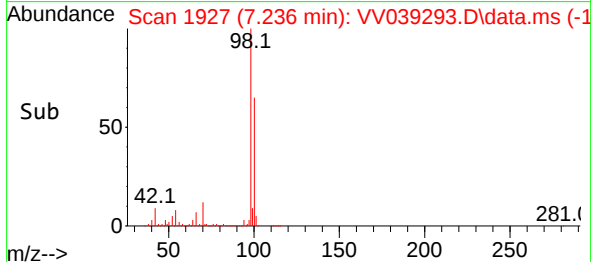
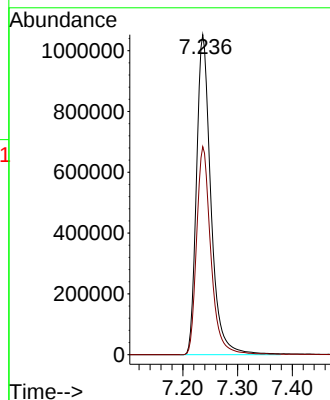
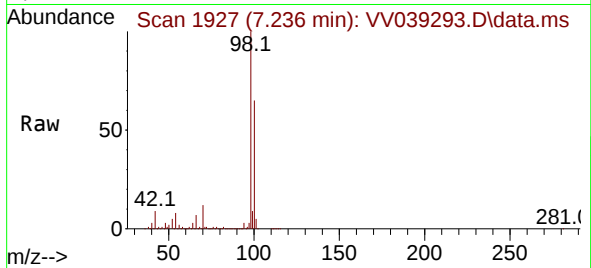




#50
Toluene-d8
Concen: 46.859 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VV039293.D
Acq: 21 Oct 2025 09:57

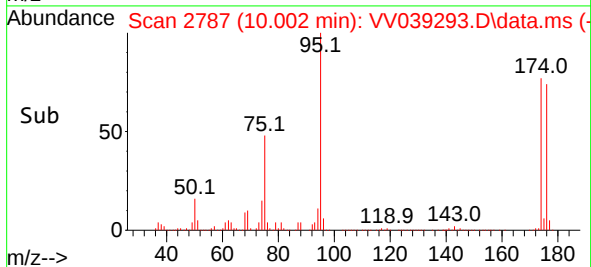
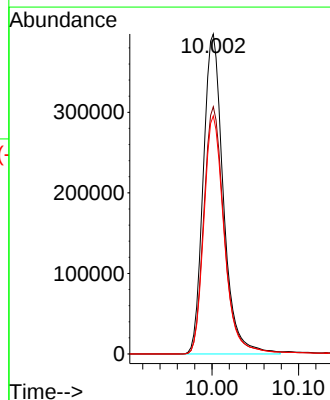
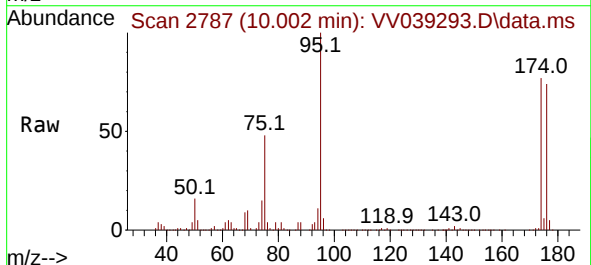
Instrument :
MSVOA_V
ClientSampleId :
VV1021WBL01

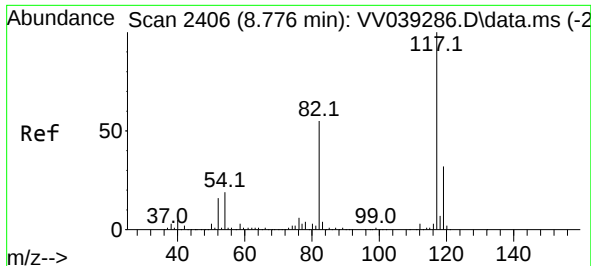
Tgt Ion: 98 Resp: 1920999
Ion Ratio Lower Upper
98 100
100 64.4 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 43.775 ug/l
RT: 10.002 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039293.D
Acq: 21 Oct 2025 09:57

Tgt Ion: 95 Resp: 639110
Ion Ratio Lower Upper
95 100
174 79.4 0.0 153.6
176 76.1 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.773 min Scan# 2405

Delta R.T. -0.003 min

Lab File: VV039293.D

Acq: 21 Oct 2025 09:57

Instrument :

MSVOA_V

ClientSampleId :

VV1021WBL01

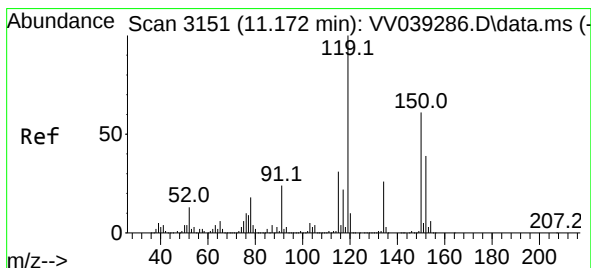
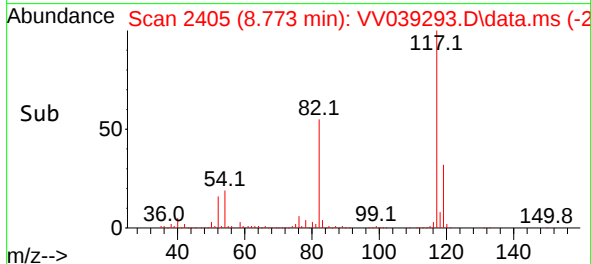
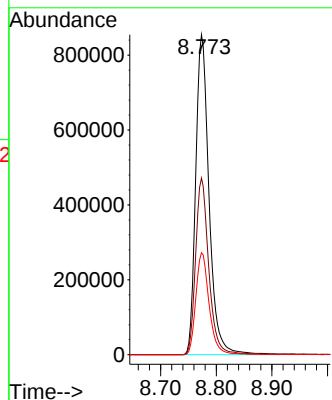
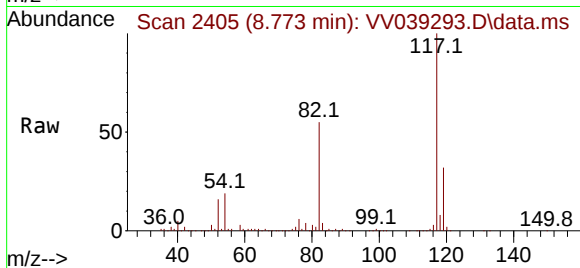
Tgt Ion:117 Resp: 1425854

Ion Ratio Lower Upper

117 100

82 55.2 43.8 65.8

119 31.9 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: VV039293.D

Acq: 21 Oct 2025 09:57

Tgt Ion:152 Resp: 623383

Ion Ratio Lower Upper

152 100

115 61.0 42.3 126.8

150 156.8 0.0 348.0

