

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
 Data File : VV039180.D
 Acq On : 25 Sep 2025 14:48
 Operator : SY/MD
 Sample : Q3172-02DL 4X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 FW6DDL

Quant Time: Sep 26 01:29:27 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)

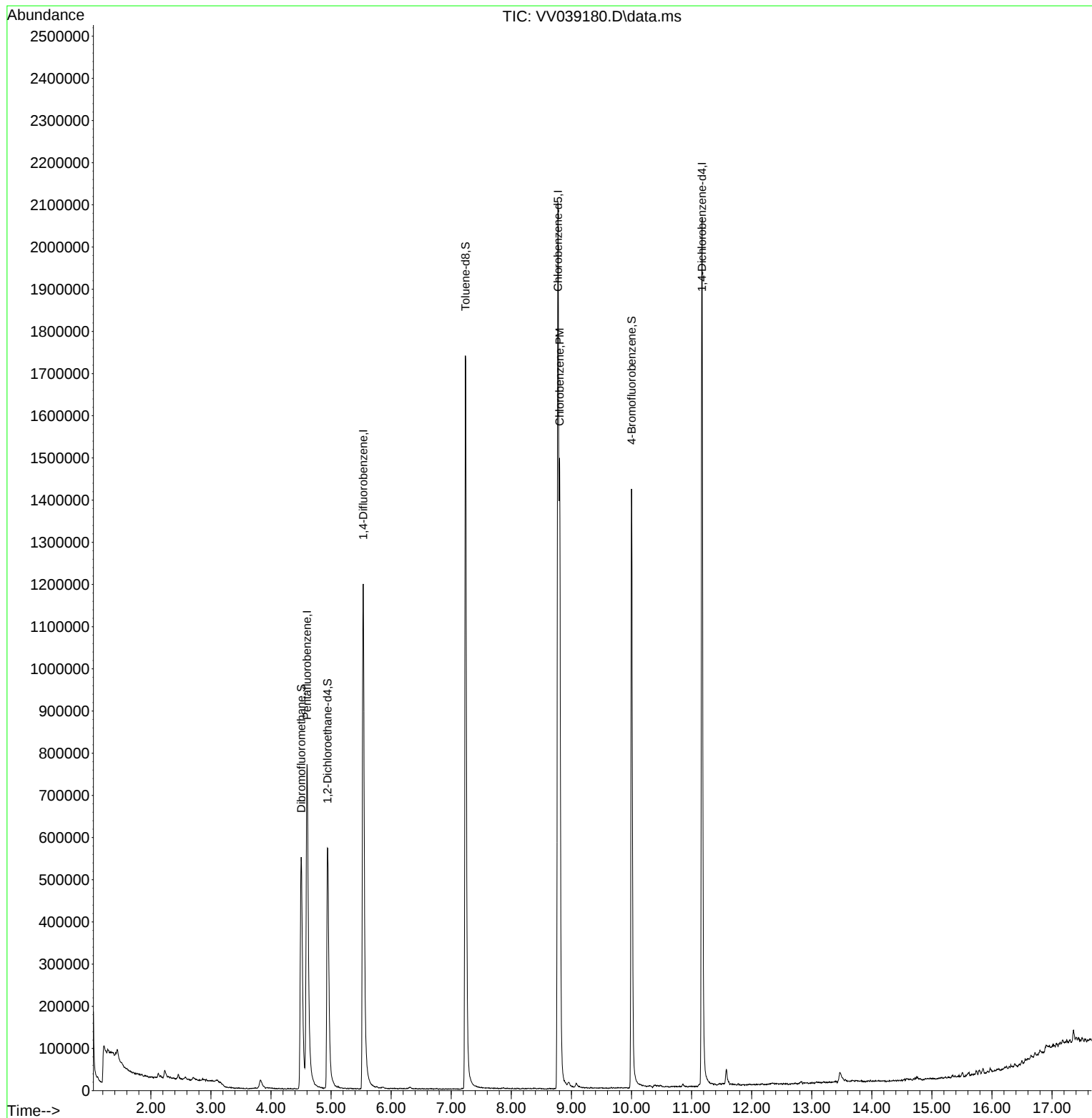
Internal Standards						
1) Pentafluorobenzene	4.600	168	642311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	1161576	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	1114736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	523929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	525802	56.561	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	113.120%
35) Dibromofluoromethane	4.503	113	458522	49.102	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	98.200%
50) Toluene-d8	7.236	98	1241276	45.259	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	90.520%
62) 4-Bromofluorobenzene	10.001	95	505982	44.814	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	89.620%
Target Compounds						
65) Chlorobenzene	8.805	112	791007	25.475	ug/l	Qvalue 98

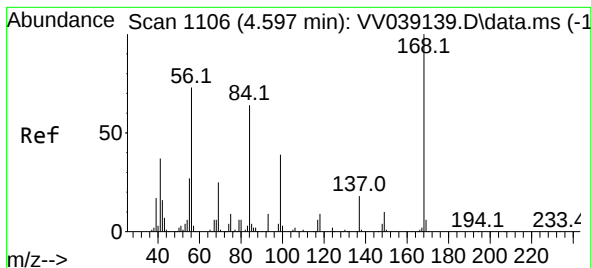
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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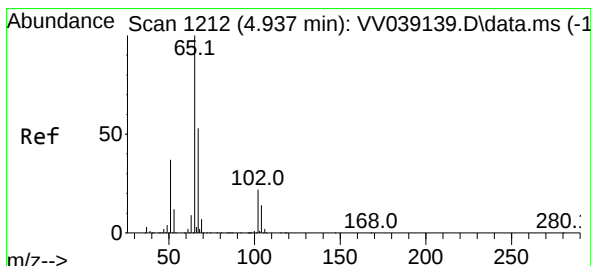
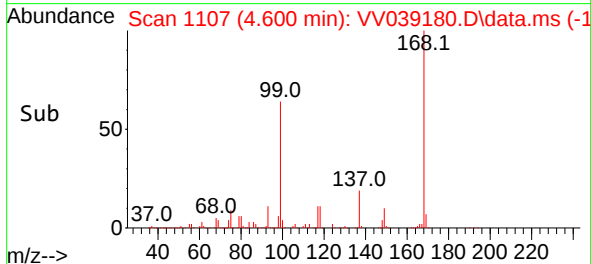
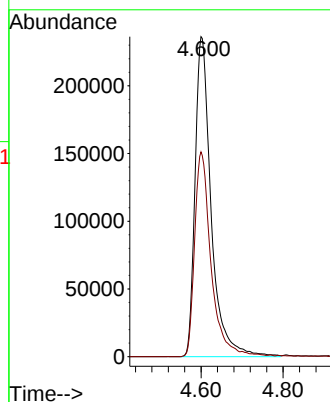
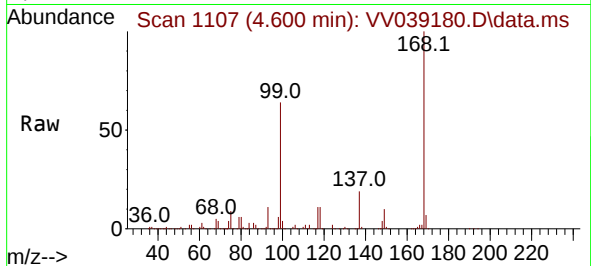




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1106
Delta R.T. 0.003 min
Lab File: VV039180.D
Acq: 25 Sep 2025 14:48

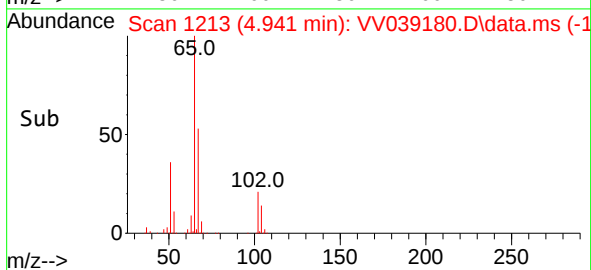
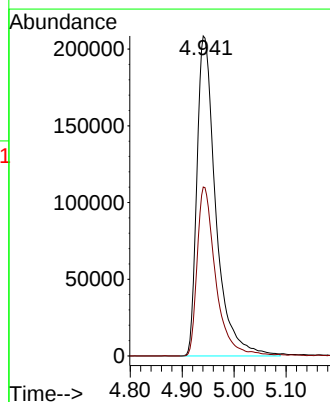
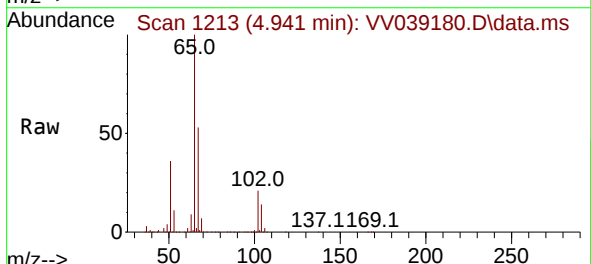
Instrument :
MSVOA_V
ClientSampleId :
FW6DDL

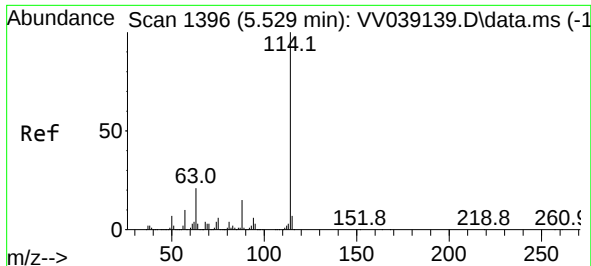
Tgt Ion:168 Resp: 642311
Ion Ratio Lower Upper
168 100
99 64.0 49.6 74.4



#33
1,2-Dichloroethane-d4
Concen: 56.561 ug/l
RT: 4.941 min Scan# 1213
Delta R.T. 0.003 min
Lab File: VV039180.D
Acq: 25 Sep 2025 14:48

Tgt Ion: 65 Resp: 525802
Ion Ratio Lower Upper
65 100
67 51.9 0.0 107.0

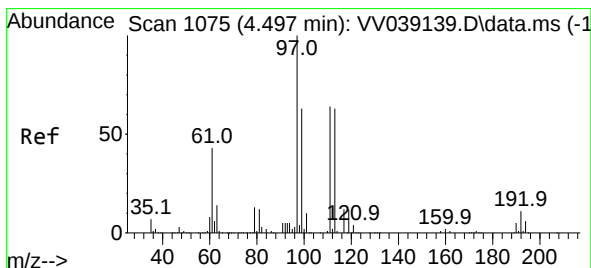
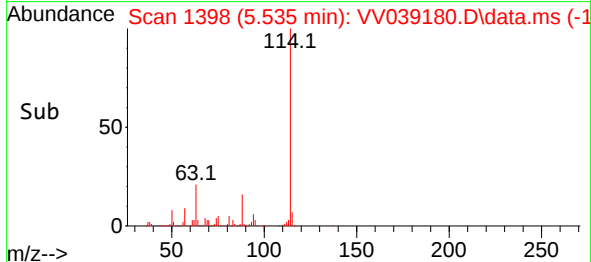
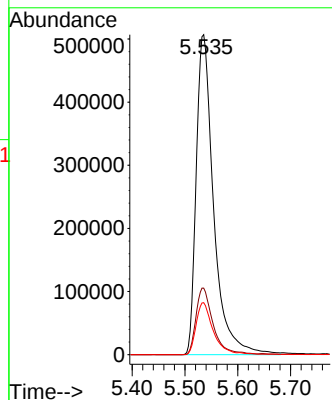
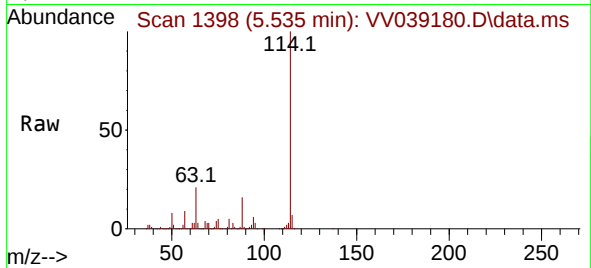




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.535 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV039180.D
Acq: 25 Sep 2025 14:48

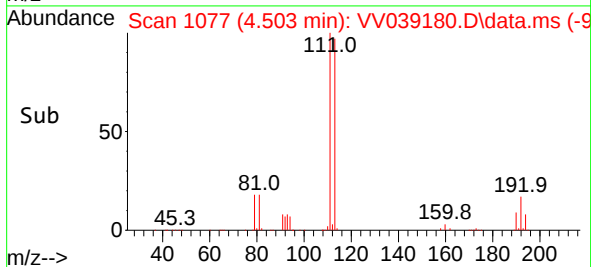
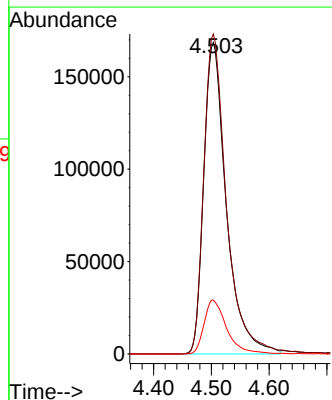
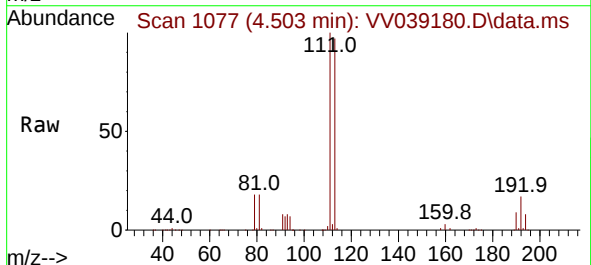
Instrument :
MSVOA_V
ClientSampleId :
FW6DDL

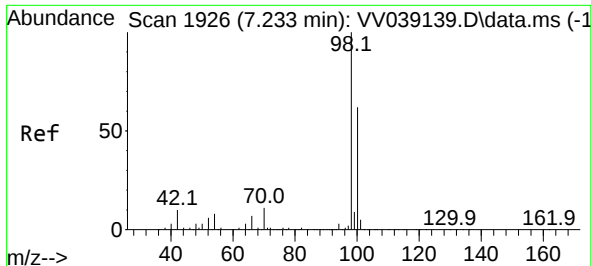
Tgt Ion:114 Resp: 1161576
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.6
88 16.3 0.0 30.8



#35
Dibromofluoromethane
Concen: 49.102 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VV039180.D
Acq: 25 Sep 2025 14:48

Tgt Ion:113 Resp: 458522
Ion Ratio Lower Upper
113 100
111 102.9 82.4 123.6
192 17.3 13.8 20.8





#50

Toluene-d8

Concen: 45.259 ug/l

RT: 7.236 min Scan# 1926

Delta R.T. 0.003 min

Lab File: VV039180.D

Acq: 25 Sep 2025 14:48

Instrument :

MSVOA_V

ClientSampleId :

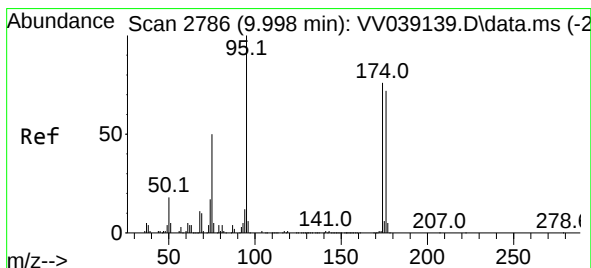
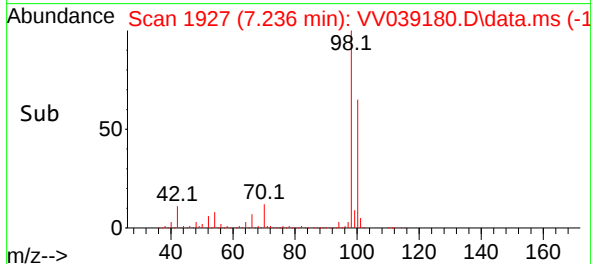
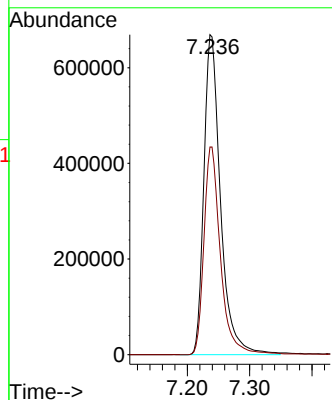
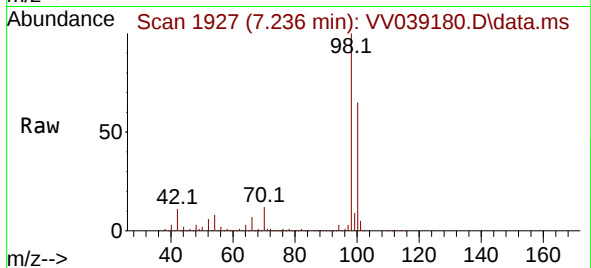
FW6DDL

Tgt Ion: 98 Resp: 1241276

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 44.814 ug/l

RT: 10.001 min Scan# 2787

Delta R.T. 0.003 min

Lab File: VV039180.D

Acq: 25 Sep 2025 14:48

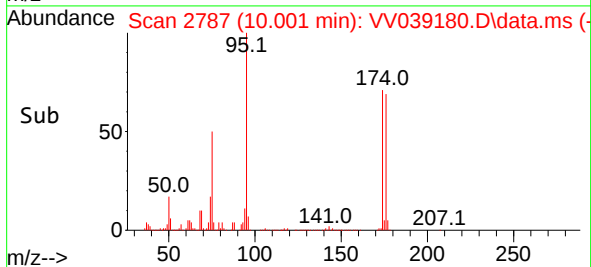
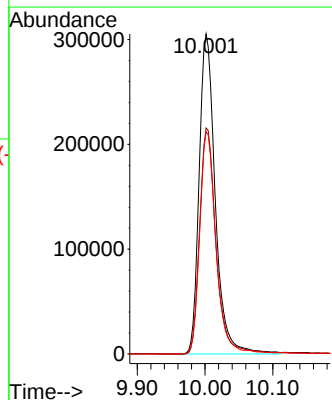
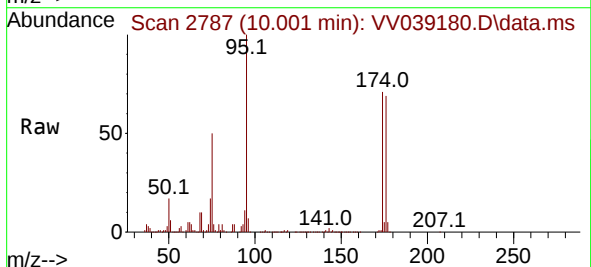
Tgt Ion: 95 Resp: 505982

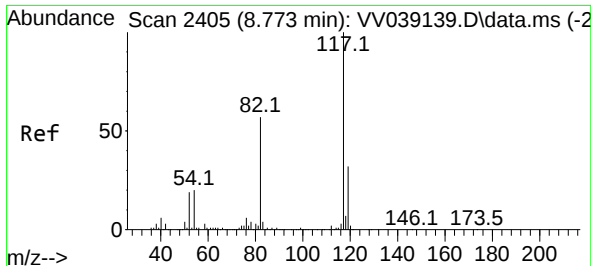
Ion Ratio Lower Upper

95 100

174 72.4 0.0 150.4

176 69.7 0.0 144.2

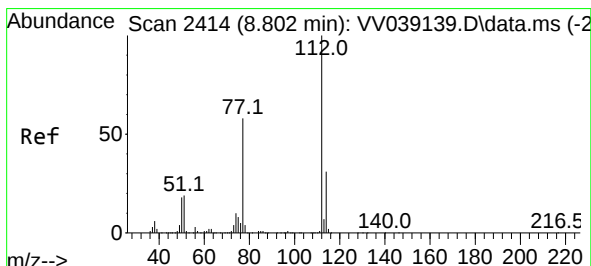
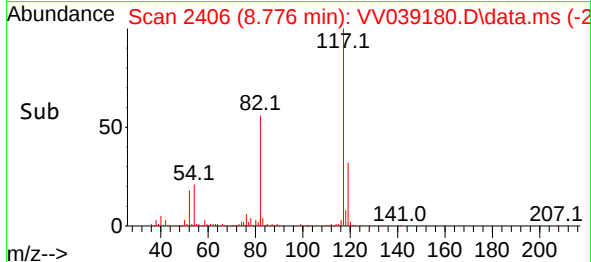
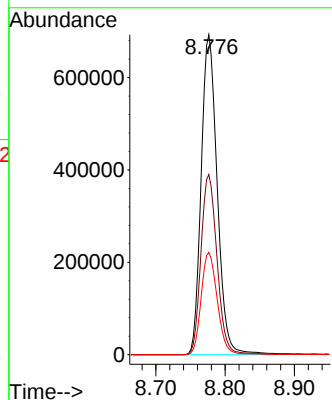
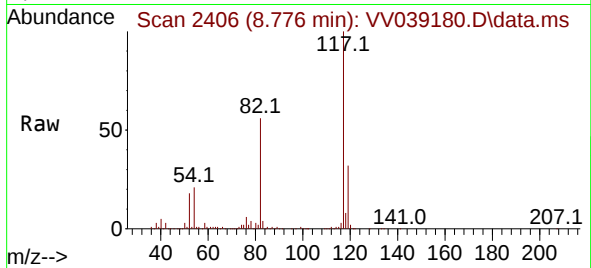




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV039180.D
Acq: 25 Sep 2025 14:48

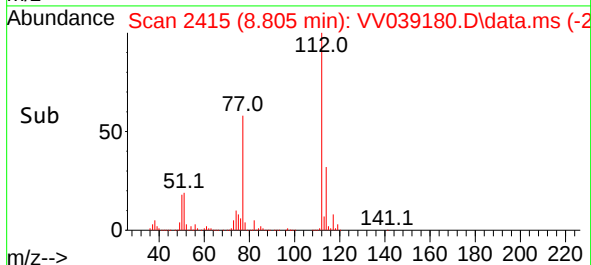
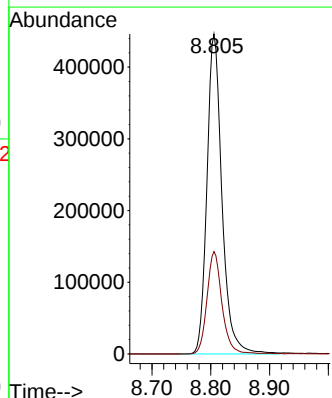
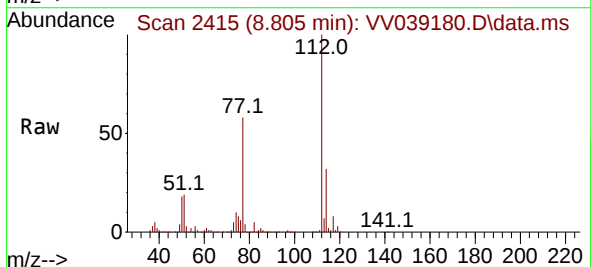
Instrument :
MSVOA_V
ClientSampleId :
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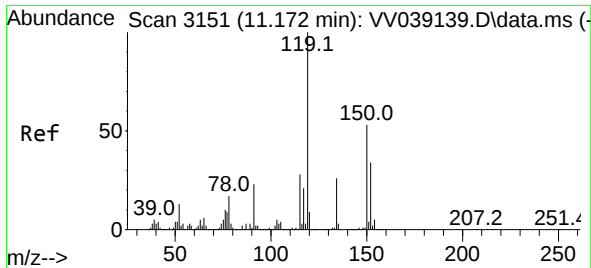
Tgt Ion:117 Resp: 1114736
Ion Ratio Lower Upper
117 100
82 56.3 45.4 68.2
119 32.0 25.6 38.4



#65
Chlorobenzene
Concen: 25.475 ug/l
RT: 8.805 min Scan# 2415
Delta R.T. 0.003 min
Lab File: VV039180.D
Acq: 25 Sep 2025 14:48

Tgt Ion:112 Resp: 791007
Ion Ratio Lower Upper
112 100
114 32.0 24.6 37.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.175 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV039180.D
 Acq: 25 Sep 2025 14:48

Instrument :
 MSVOA_V
 ClientSampleId :
 FW6DDL

Tgt Ion:152 Resp: 523929
 Ion Ratio Lower Upper
 152 100
 115 63.0 44.8 134.4
 150 159.4 0.0 353.8

