

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
 Data File : VV039243.D
 Acq On : 03 Oct 2025 11:04
 Operator : SY/MD
 Sample : VV1003MBL01
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV1003MBL01

Quant Time: Oct 04 01:07:34 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	467975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	930371	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	902501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	400925	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	401214	59.237	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	118.480%#
35) Dibromofluoromethane	4.500	113	358319	47.907	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	95.820%
50) Toluene-d8	7.236	98	1125382	51.230	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	102.460%
62) 4-Bromofluorobenzene	10.001	95	358770	39.673	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	79.340%#

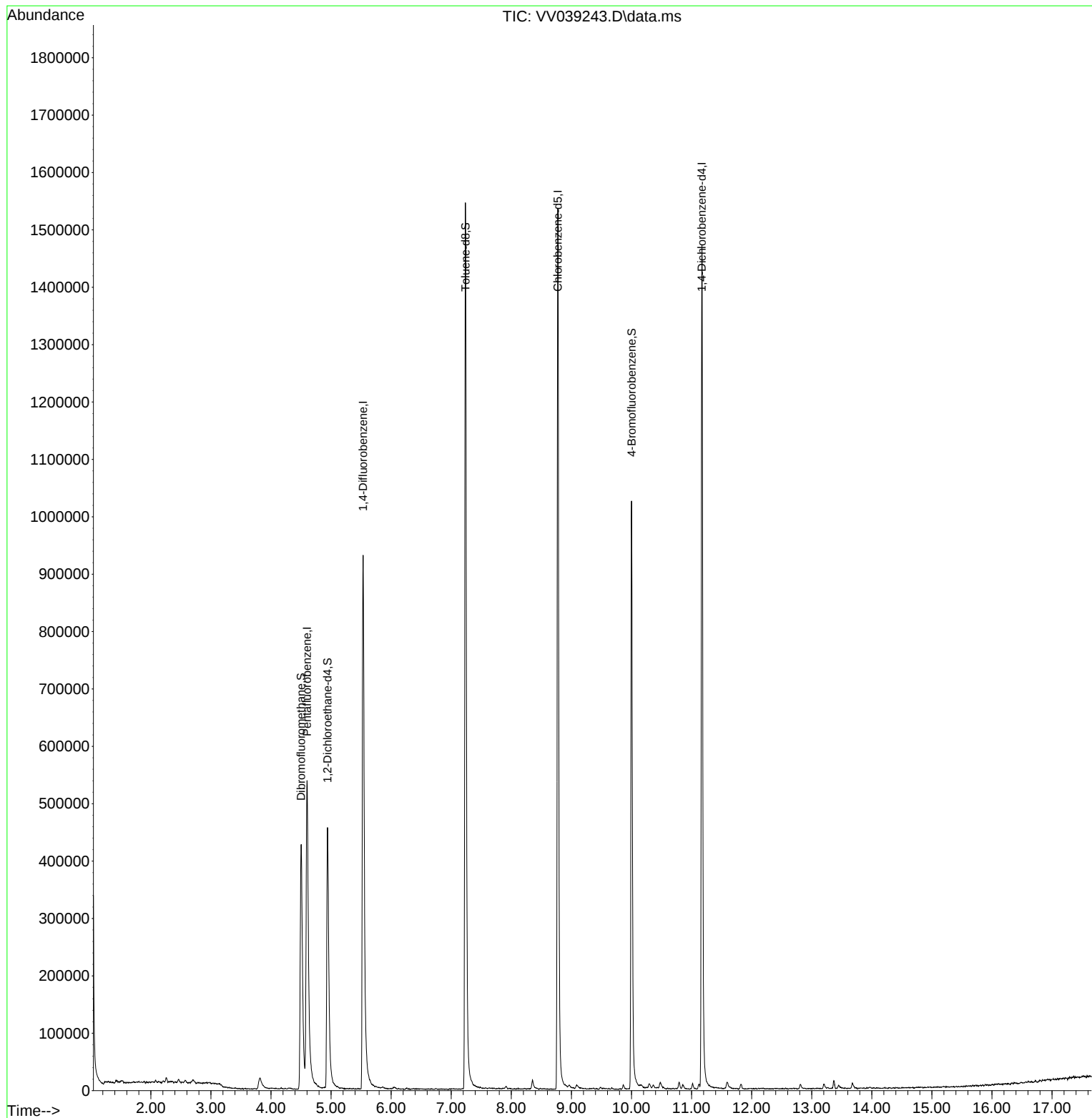
Target Compounds	Qvalue

(#) = 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: VV039243.D

Acq: 03 Oct 2025 11:04

Instrument :

MSVOA_V

ClientSampleId :

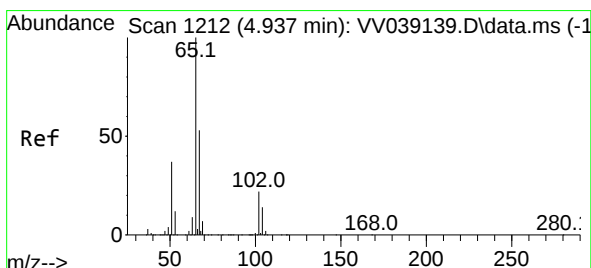
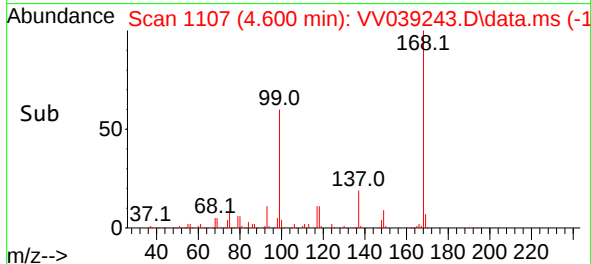
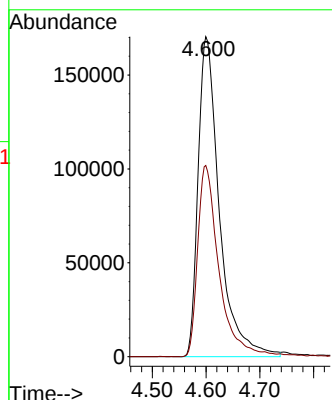
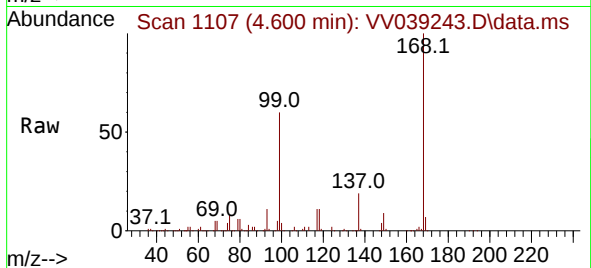
VV1003MBL01

Tgt Ion:168 Resp: 467975

Ion Ratio Lower Upper

168 100

99 59.7 49.6 74.4



#33

1,2-Dichloroethane-d4

Concen: 59.237 ug/l

RT: 4.940 min Scan# 1213

Delta R.T. 0.003 min

Lab File: VV039243.D

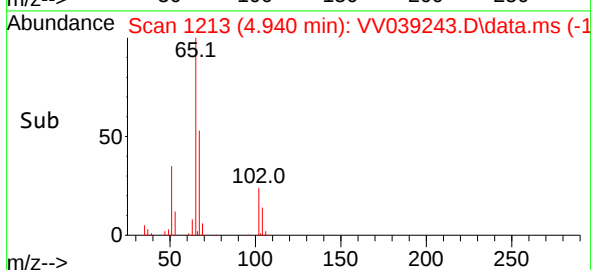
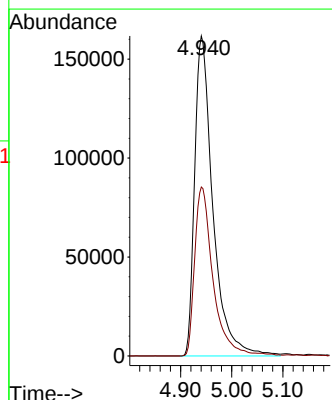
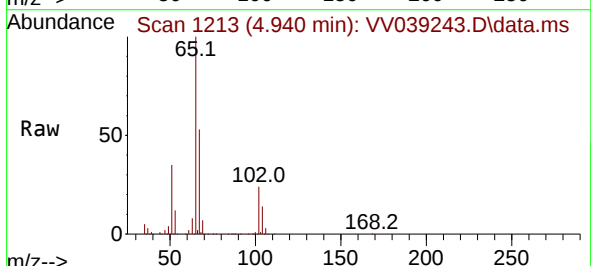
Acq: 03 Oct 2025 11:04

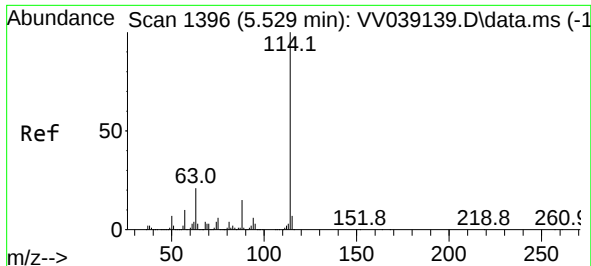
Tgt Ion: 65 Resp: 401214

Ion Ratio Lower Upper

65 100

67 53.4 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV039243.D

Acq: 03 Oct 2025 11:04

Instrument :

MSVOA_V

ClientSampleId :

VV1003MBL01

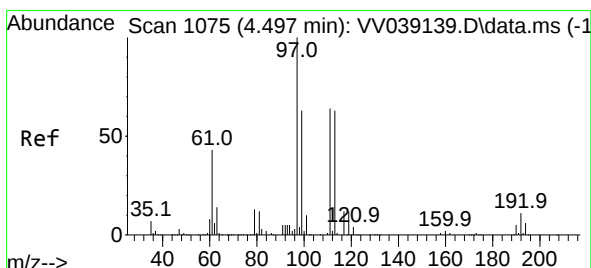
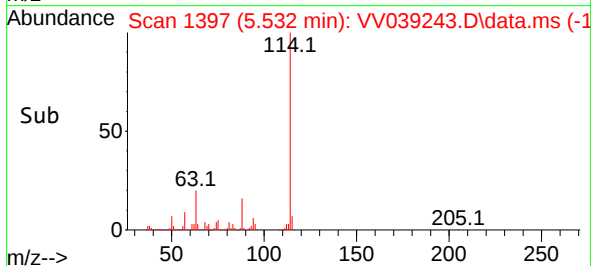
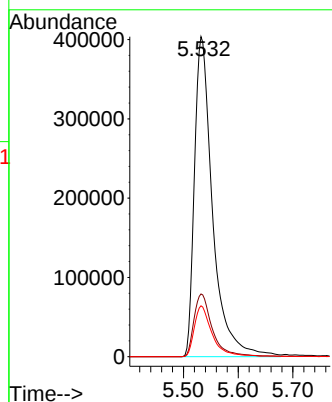
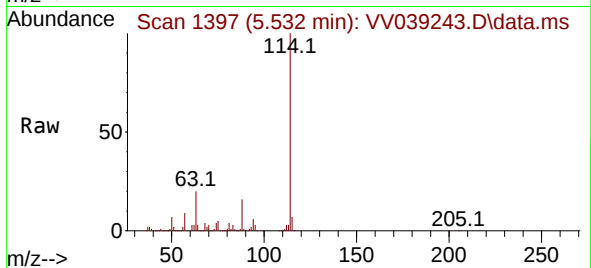
Tgt Ion:114 Resp: 930371

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.6

88 15.9 0.0 30.8



#35

Dibromofluoromethane

Concen: 47.907 ug/l

RT: 4.500 min Scan# 1076

Delta R.T. 0.003 min

Lab File: VV039243.D

Acq: 03 Oct 2025 11:04

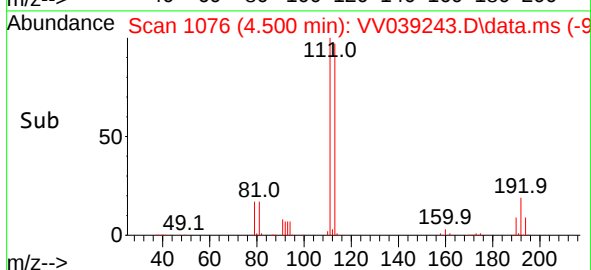
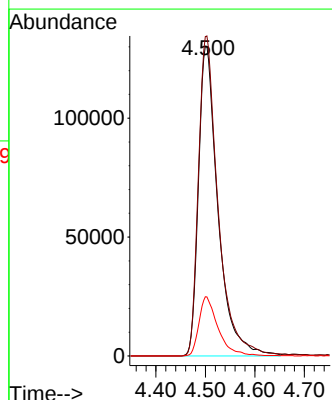
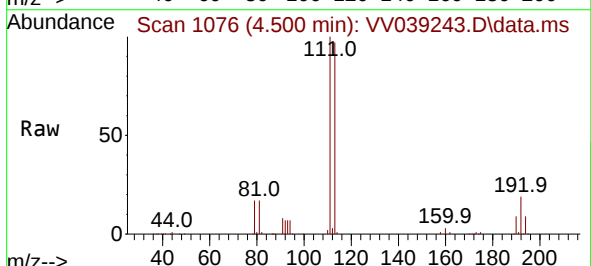
Tgt Ion:113 Resp: 358319

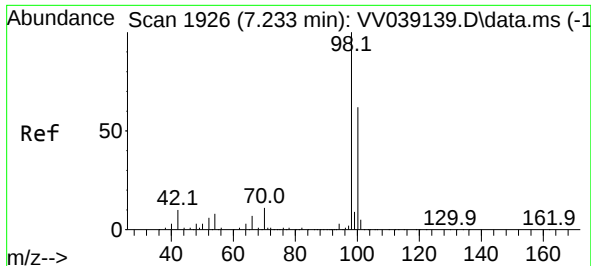
Ion Ratio Lower Upper

113 100

111 103.9 82.4 123.6

192 18.7 13.8 20.8

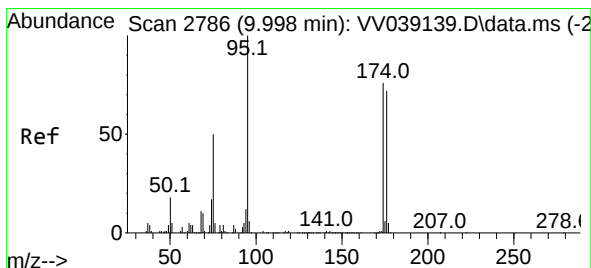
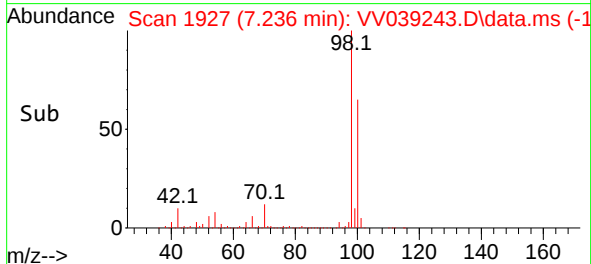
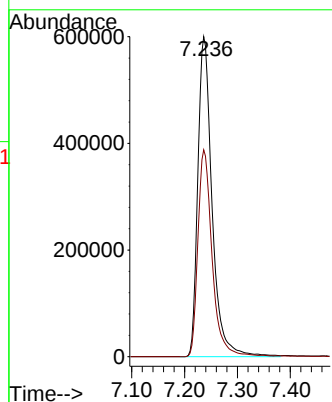
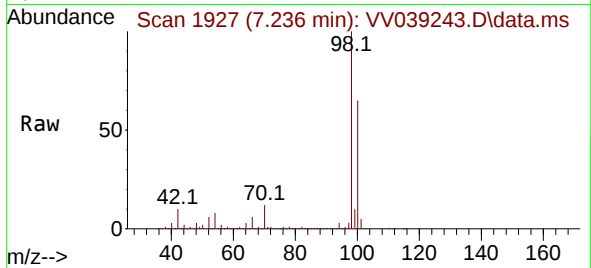




#50
Toluene-d8
Concen: 51.230 ug/l
RT: 7.236 min Scan# 1926
Delta R.T. 0.003 min
Lab File: VV039243.D
Acq: 03 Oct 2025 11:04

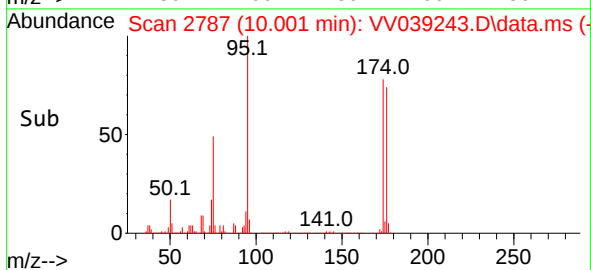
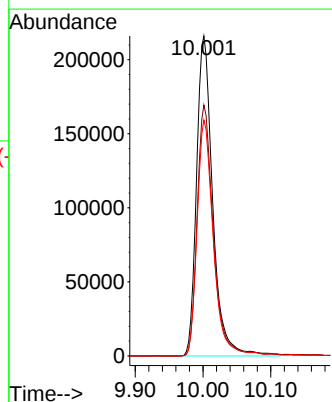
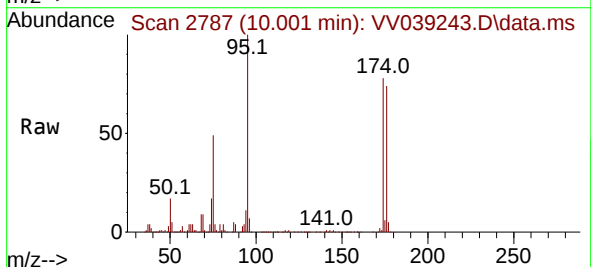
Instrument :
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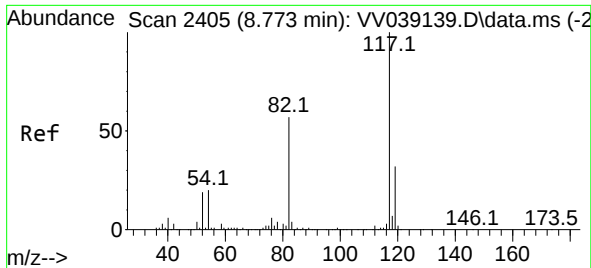
Tgt Ion: 98 Resp: 1125382
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 39.673 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039243.D
Acq: 03 Oct 2025 11:04

Tgt Ion: 95 Resp: 358770
Ion Ratio Lower Upper
95 100
174 77.5 0.0 150.4
176 73.9 0.0 144.2

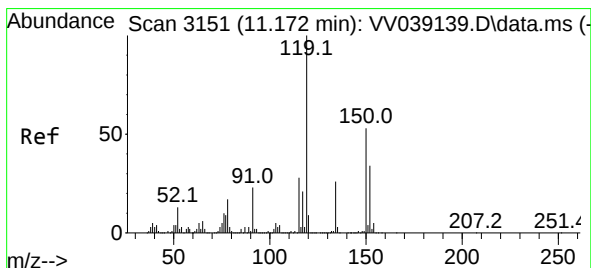
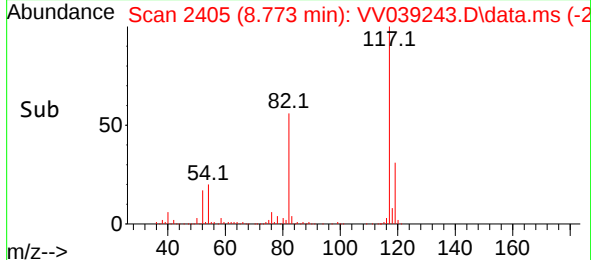
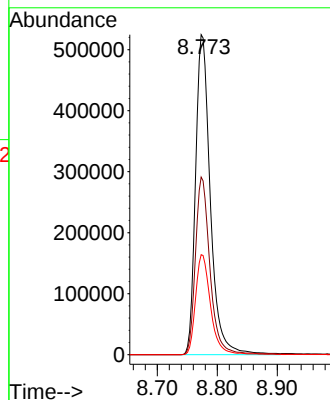
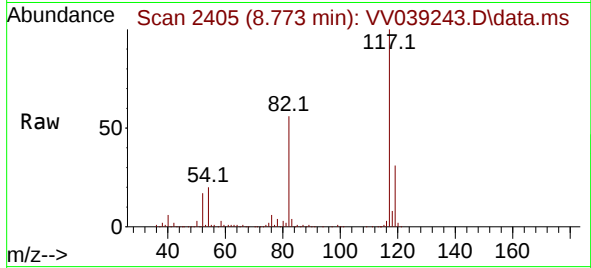




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VV039243.D
Acq: 03 Oct 2025 11:04

Instrument :
MSVOA_V
ClientSampleId :
VV1003MBL01

Tgt Ion:117 Resp: 902501
Ion Ratio Lower Upper
117 100
82 55.5 45.4 68.2
119 31.2 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: VV039243.D
Acq: 03 Oct 2025 11:04

Tgt Ion:152 Resp: 400925
Ion Ratio Lower Upper
152 100
115 61.9 44.8 134.4
150 159.1 0.0 353.8

