

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
 Data File : VV039244.D
 Acq On : 03 Oct 2025 11:26
 Operator : SY/MD
 Sample : VV1003WBL01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV1003WBL01

Quant Time: Oct 04 01:08:07 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	501875	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	854024	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	854306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	433083	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	375765	51.732	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	103.460%
35) Dibromofluoromethane	4.503	113	360439	52.499	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	105.000%
50) Toluene-d8	7.236	98	900252	44.645	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	89.300%
62) 4-Bromofluorobenzene	10.001	95	374884	45.160	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	90.320%

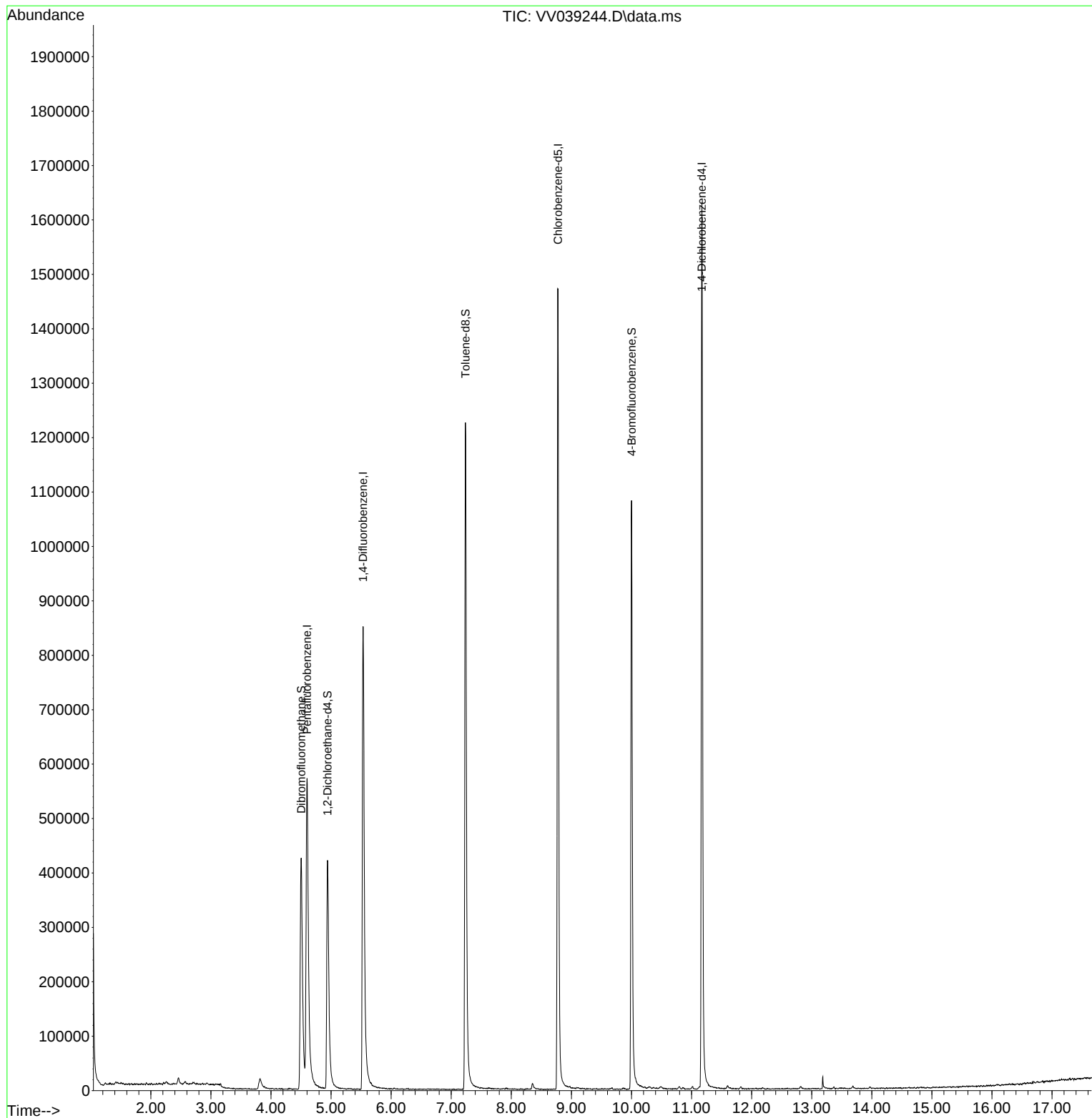
Target Compounds	Qvalue

(#) = 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: VV039244.D

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Instrument :

MSVOA_V

ClientSampleId :

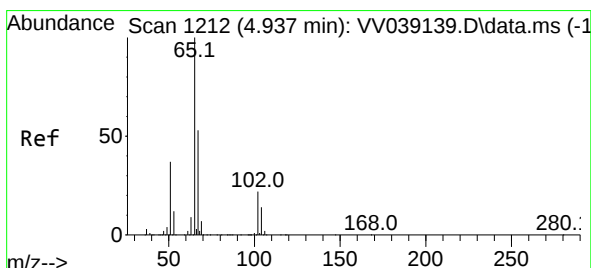
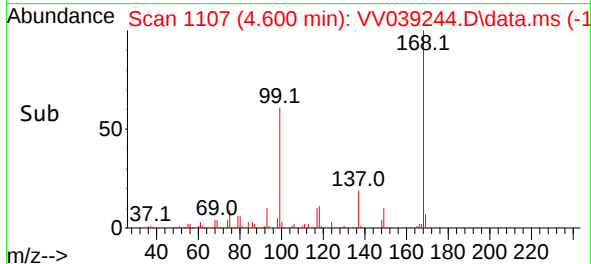
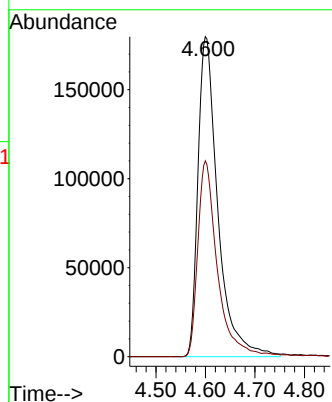
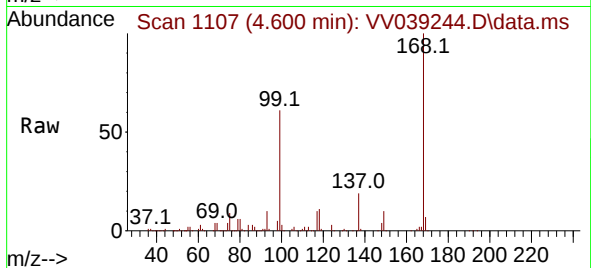
VV1003WBL01

Tgt Ion:168 Resp: 501875

Ion Ratio Lower Upper

168 100

99 61.2 49.6 74.4



#33

1,2-Dichloroethane-d4

Concen: 51.732 ug/l

RT: 4.941 min Scan# 1213

Delta R.T. 0.003 min

Lab File: VV039244.D

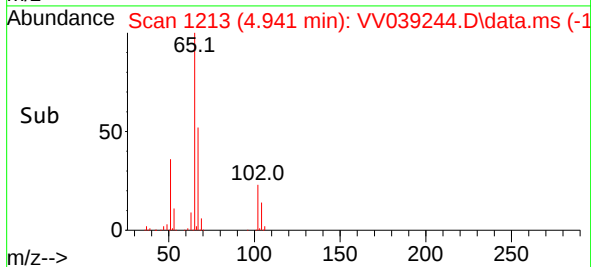
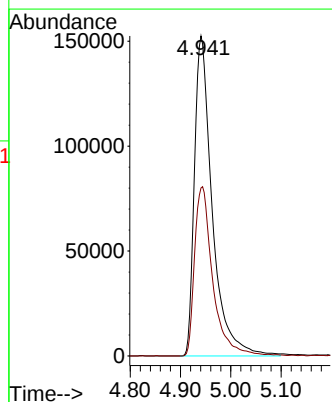
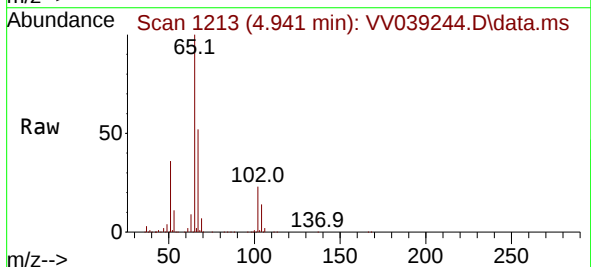
Acq: 03 Oct 2025 11:26

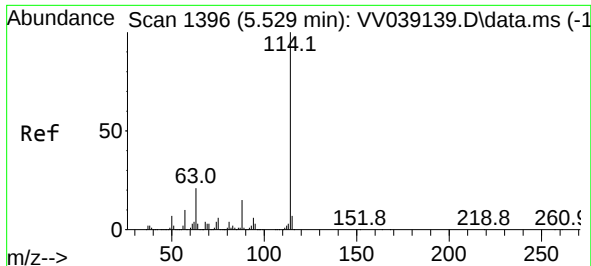
Tgt Ion: 65 Resp: 375765

Ion Ratio Lower Upper

65 100

67 53.8 0.0 107.0

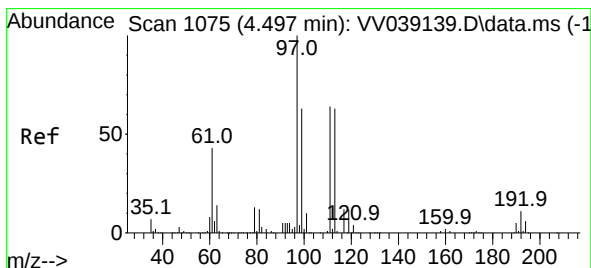
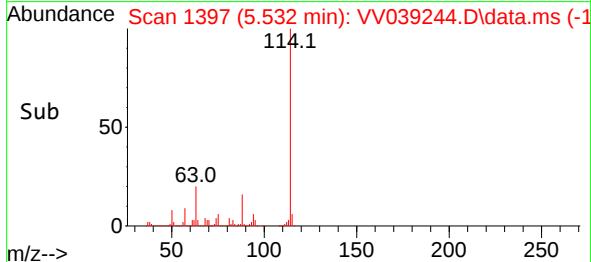
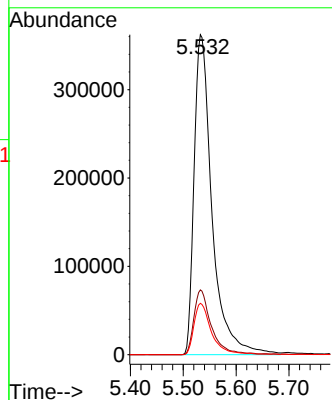
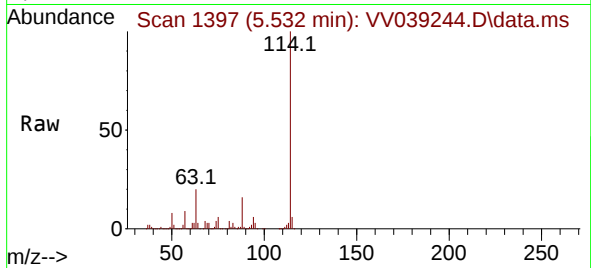




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV039244.D
Acq: 03 Oct 2025 11:26

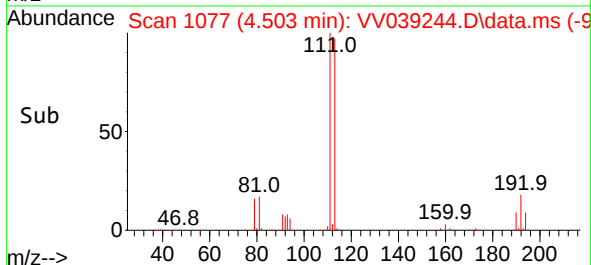
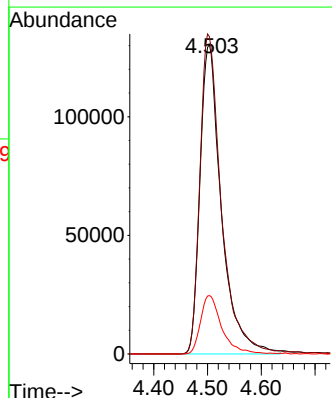
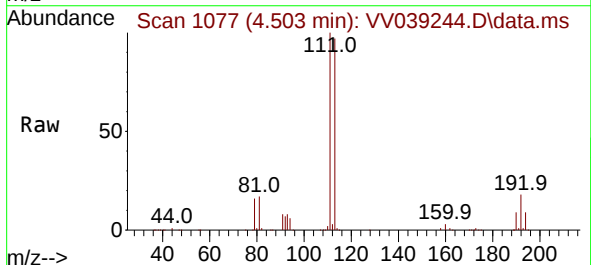
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBL01

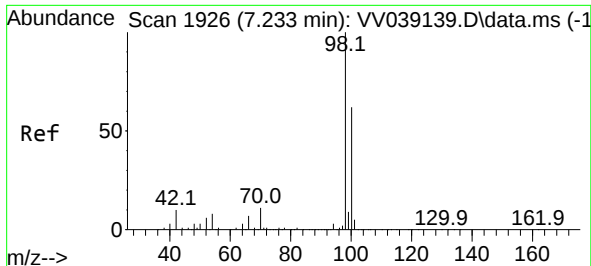
Tgt Ion:114 Resp: 854024
Ion Ratio Lower Upper
114 100
63 20.2 0.0 42.6
88 16.0 0.0 30.8



#35
Dibromofluoromethane
Concen: 52.499 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VV039244.D
Acq: 03 Oct 2025 11:26

Tgt Ion:113 Resp: 360439
Ion Ratio Lower Upper
113 100
111 103.0 82.4 123.6
192 18.6 13.8 20.8

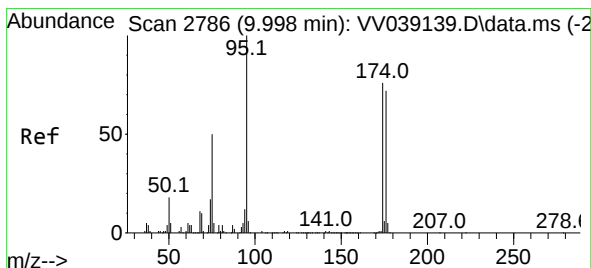
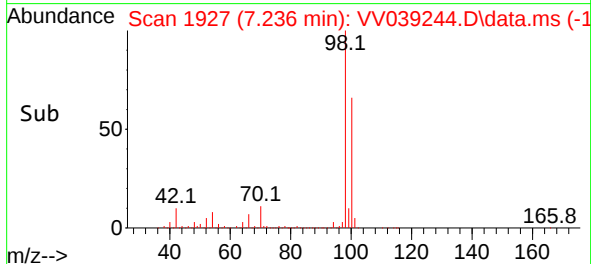
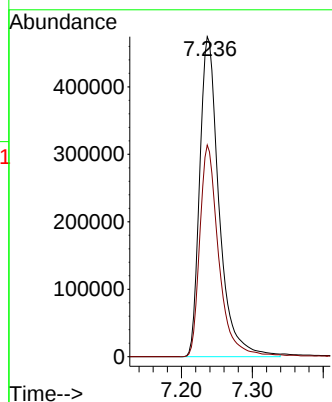
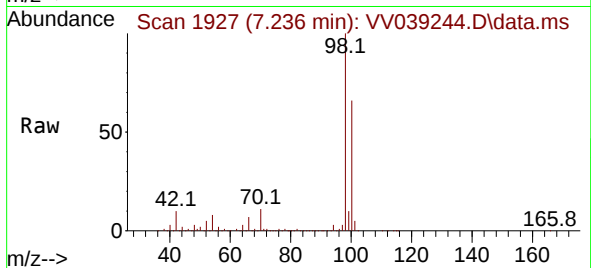




#50
Toluene-d8
Concen: 44.645 ug/l
RT: 7.236 min Scan# 1926
Delta R.T. 0.003 min
Lab File: VV039244.D
Acq: 03 Oct 2025 11:26

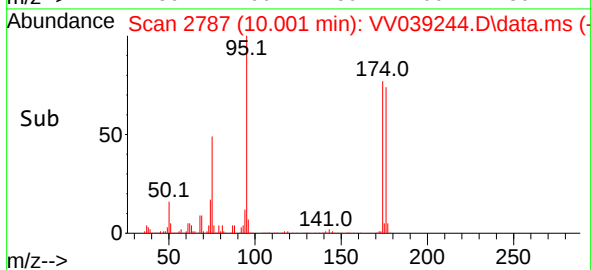
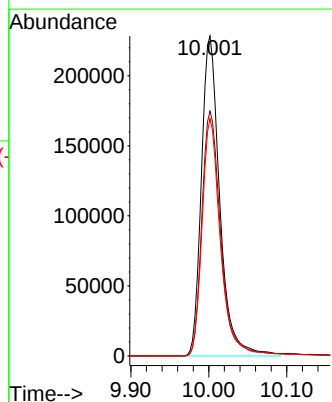
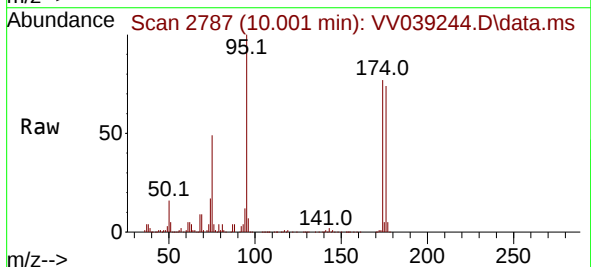
Instrument :
MSVOA_V
ClientSampleId :
VV1003WBL01

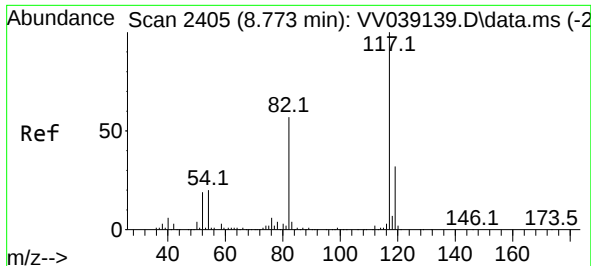
Tgt Ion: 98 Resp: 900252
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 45.160 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039244.D
Acq: 03 Oct 2025 11:26

Tgt Ion: 95 Resp: 374884
Ion Ratio Lower Upper
95 100
174 79.2 0.0 150.4
176 74.2 0.0 144.2

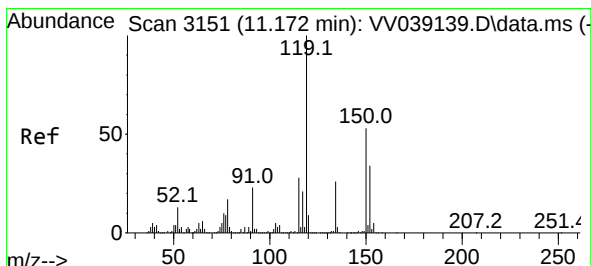
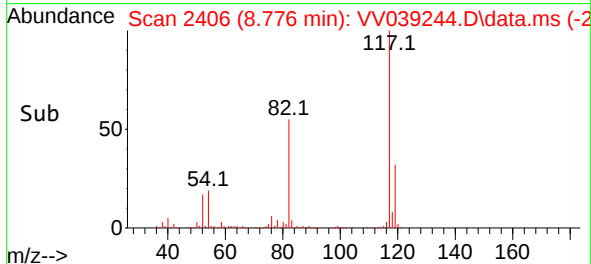
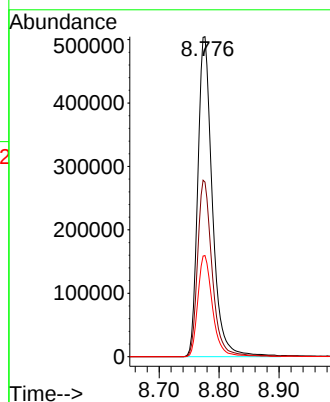
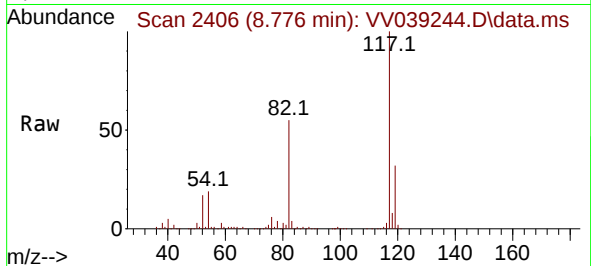




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV039244.D
Acq: 03 Oct 2025 11:26

Instrument :
MSVOA_V
ClientSampleId :
VV1003WBL01

Tgt Ion:117 Resp: 854306
Ion Ratio Lower Upper
117 100
82 54.6 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: VV039244.D
Acq: 03 Oct 2025 11:26

Tgt Ion:152 Resp: 433083
Ion Ratio Lower Upper
152 100
115 60.6 44.8 134.4
150 159.3 0.0 353.8

