

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070225\
 Data File : VV038842.D
 Acq On : 02 Jul 2025 15:55
 Operator : SY/MD
 Sample : VV0702WBL04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0702WBL04

Quant Time: Jul 03 03:01:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 02:44:44 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	4.603	168	452238	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	782441	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	746449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	362598	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	288031	56.829	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	113.660%
35) Dibromofluoromethane	4.503	113	256242	51.702	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	103.400%
50) Toluene-d8	7.236	98	739118	46.094	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	92.180%
62) 4-Bromofluorobenzene	10.001	95	277644	42.857	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	85.720%

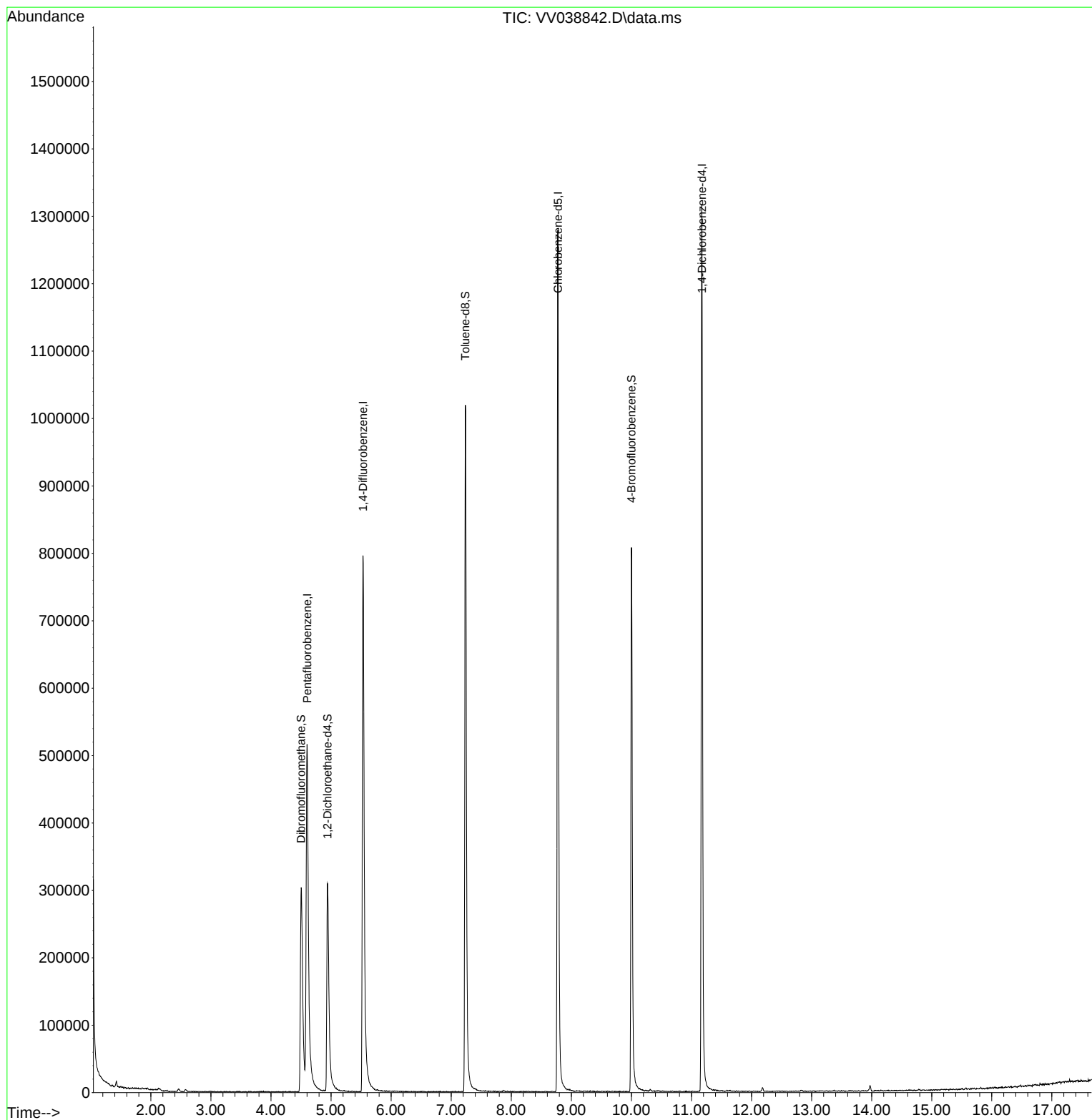
Target Compounds	Qvalue

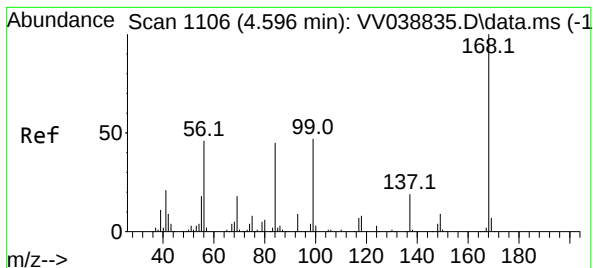
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.603 min Scan# 1108

Delta R.T. 0.007 min

Lab File: VV038842.D

Acq: 02 Jul 2025 15:55

Instrument :

MSVOA_V

ClientSampleId :

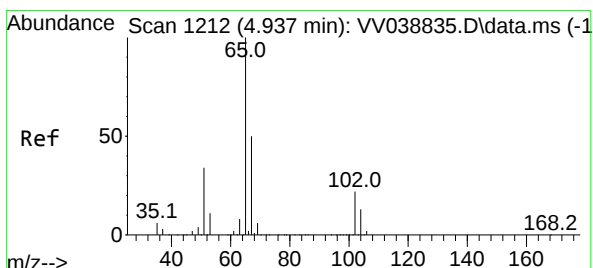
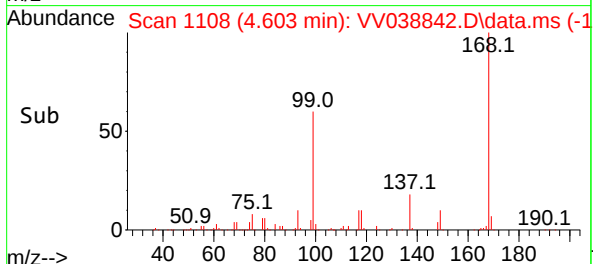
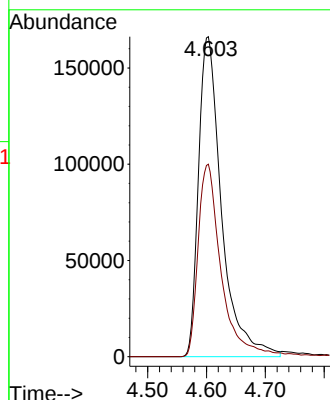
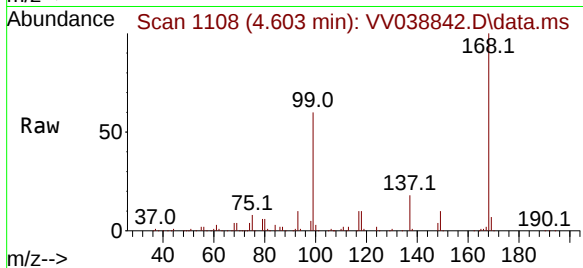
VV0702WBL04

Tgt Ion:168 Resp: 452238

Ion Ratio Lower Upper

168 100

99 60.1 48.6 73.0



#33

1,2-Dichloroethane-d4

Concen: 56.829 ug/l

RT: 4.941 min Scan# 1213

Delta R.T. 0.003 min

Lab File: VV038842.D

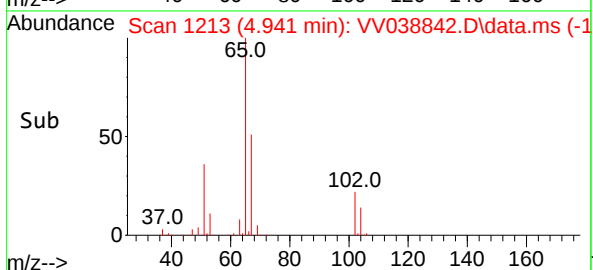
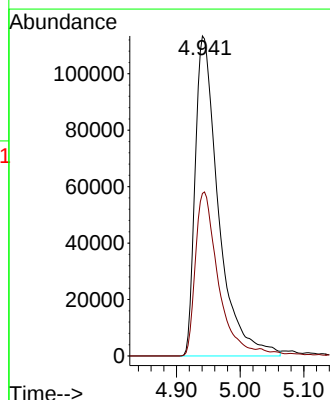
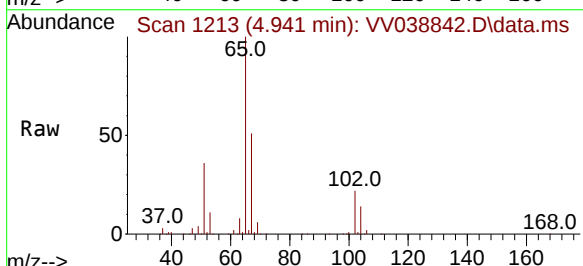
Acq: 02 Jul 2025 15:55

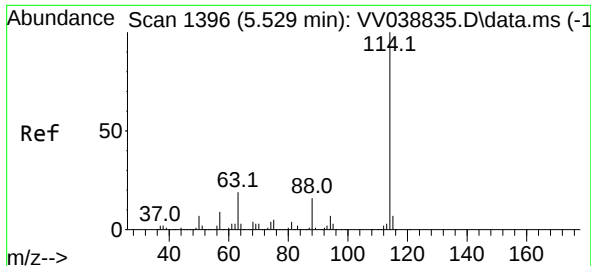
Tgt Ion: 65 Resp: 288031

Ion Ratio Lower Upper

65 100

67 49.6 0.0 105.0

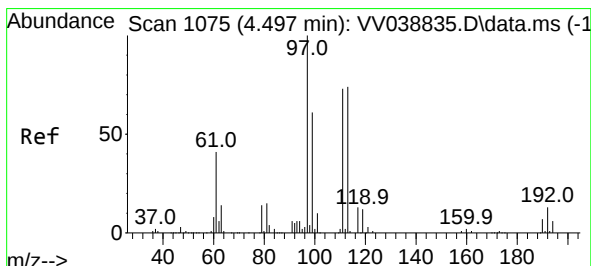
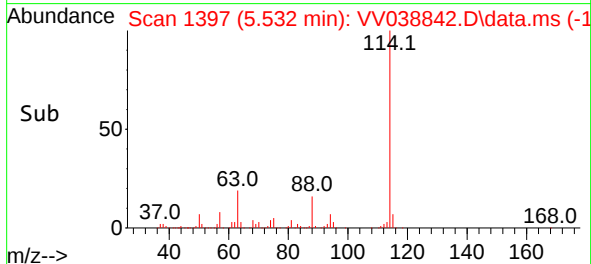
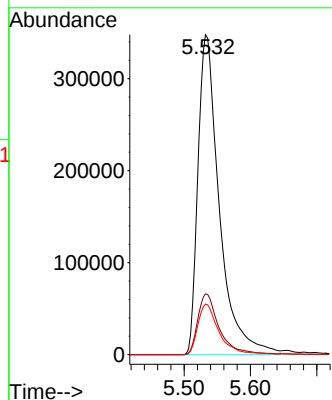
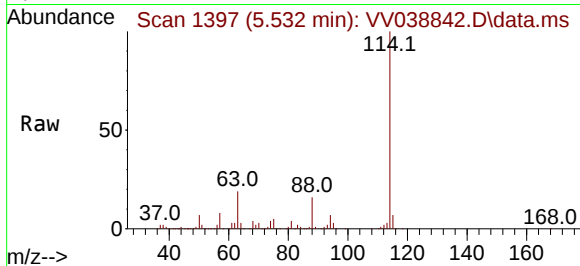




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 1114
Delta R.T. 0.003 min
Lab File: VV038842.D
Acq: 02 Jul 2025 15:55

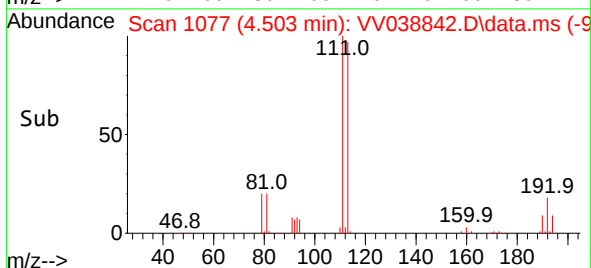
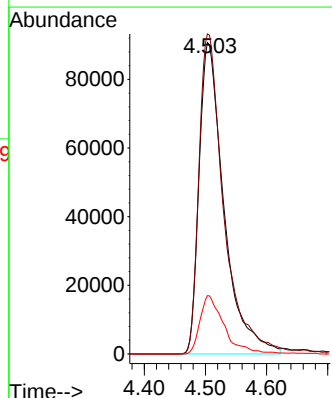
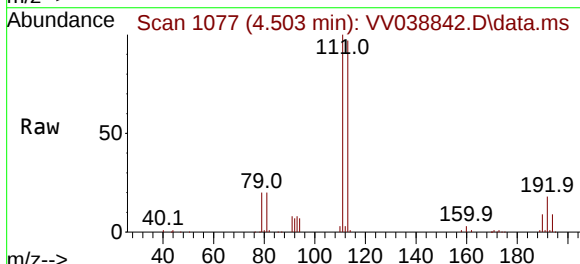
Instrument :
MSVOA_V
ClientSampleId :
VV0702WBL04

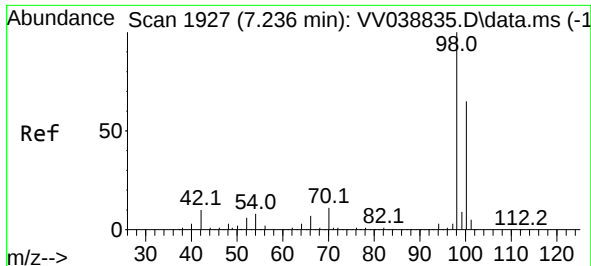
Tgt Ion:	114	Resp:	782441
Ion Ratio	Lower	Upper	
114	100		
63	19.0	0.0	38.4
88	15.8	0.0	31.2



#35
Dibromofluoromethane
Concen: 51.702 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. 0.007 min
Lab File: VV038842.D
Acq: 02 Jul 2025 15:55

Tgt Ion:	113	Resp:	256242
Ion Ratio	Lower	Upper	
113	100		
111	102.4	81.5	122.3
192	18.0	14.7	22.1

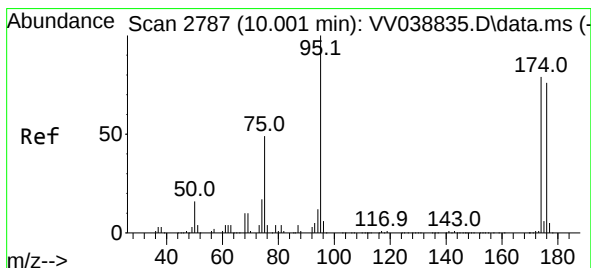
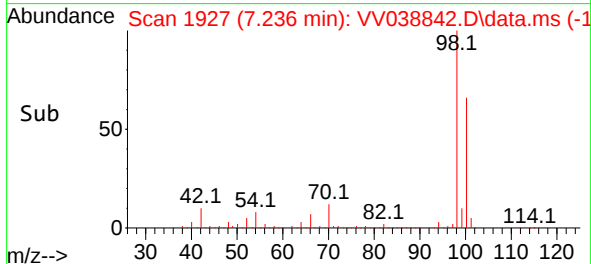
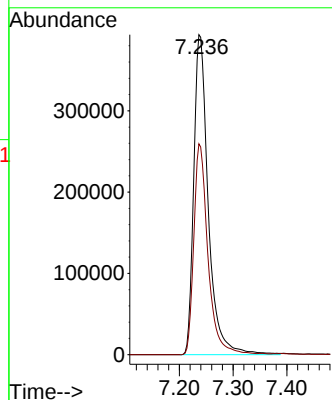
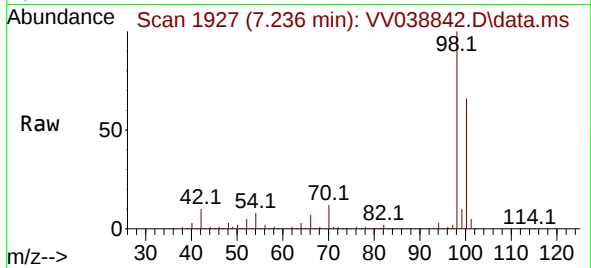




#50
Toluene-d8
Concen: 46.094 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VV038842.D
Acq: 02 Jul 2025 15:55

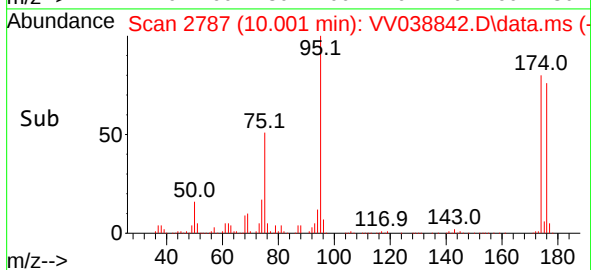
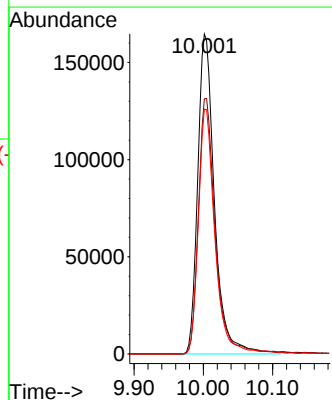
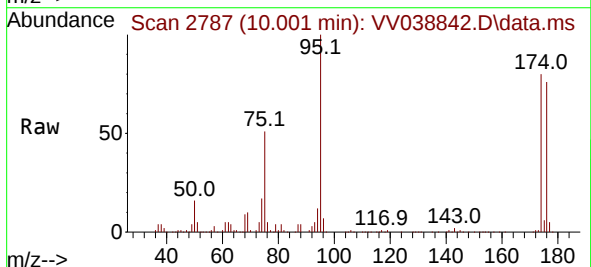
Instrument :
MSVOA_V
ClientSampleId :
VV0702WBL04

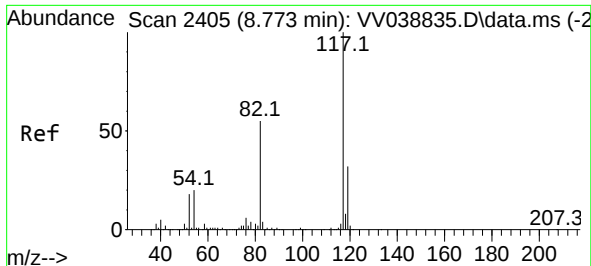
Tgt Ion: 98 Resp: 739118
Ion Ratio Lower Upper
98 100
100 64.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 42.857 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VV038842.D
Acq: 02 Jul 2025 15:55

Tgt Ion: 95 Resp: 277644
Ion Ratio Lower Upper
95 100
174 80.3 0.0 158.2
176 74.9 0.0 154.4

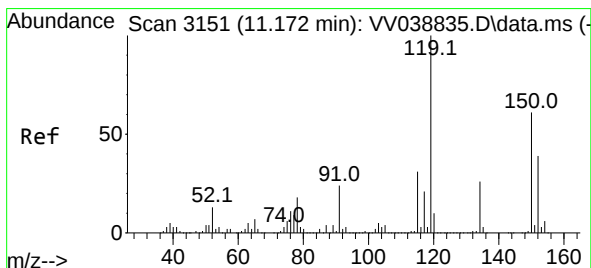
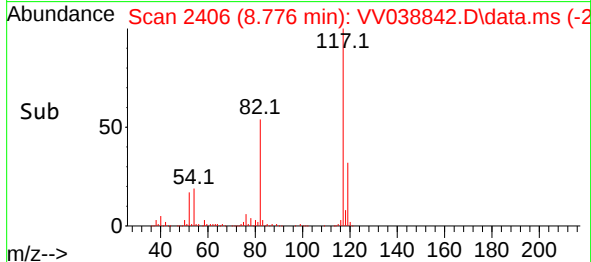
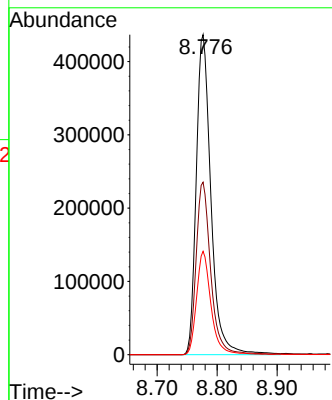
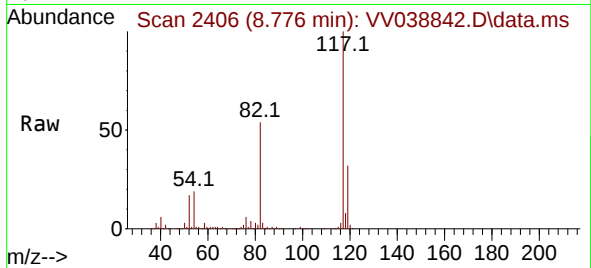




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV038842.D
Acq: 02 Jul 2025 15:55

Instrument :
MSVOA_V
ClientSampleId :
VV0702WBL04

Tgt Ion:117 Resp: 746449
Ion Ratio Lower Upper
117 100
82 53.9 44.2 66.4
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV038842.D
Acq: 02 Jul 2025 15:55

Tgt Ion:152 Resp: 362598
Ion Ratio Lower Upper
152 100
115 59.9 42.0 126.0
150 154.7 0.0 343.6

