

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
 Data File : VV039336.D
 Acq On : 05 Nov 2025 15:18
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK

Quant Time: Nov 06 00:16:10 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	4.596	168	827153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	1540457	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1418179	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	626525	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	639120	54.377	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	108.760%
35) Dibromofluoromethane	4.497	113	570030	46.964	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	93.920%
50) Toluene-d8	7.233	98	1846757	44.724	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	89.440%
62) 4-Bromofluorobenzene	9.998	95	570095	38.767	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	77.540%#

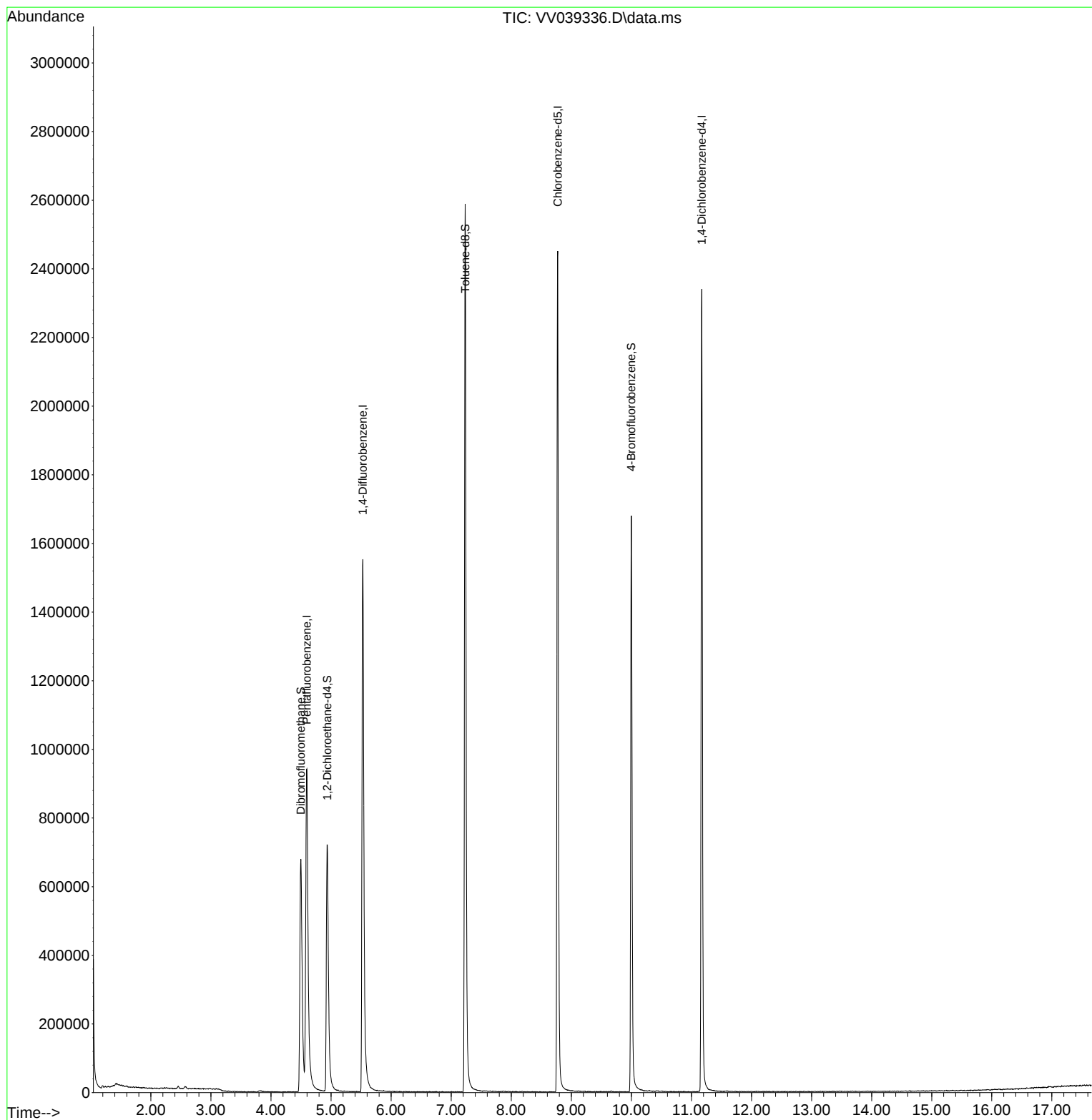
Target Compounds	Qvalue

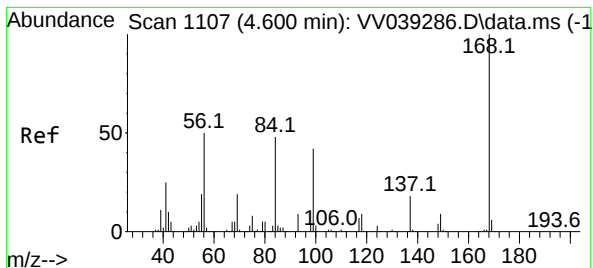
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.596 min Scan# 1106

Delta R.T. -0.004 min

Lab File: VV039336.D

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Instrument :

MSVOA_V

ClientSampleId :

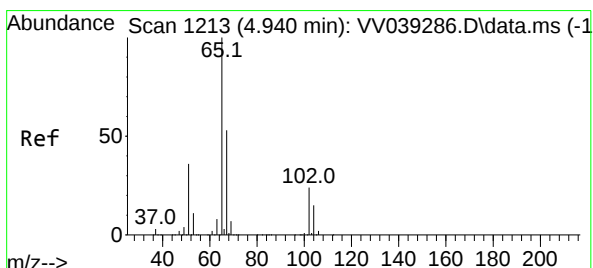
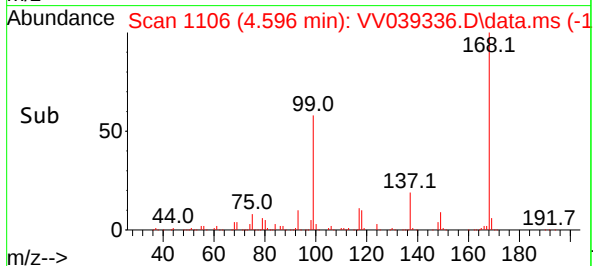
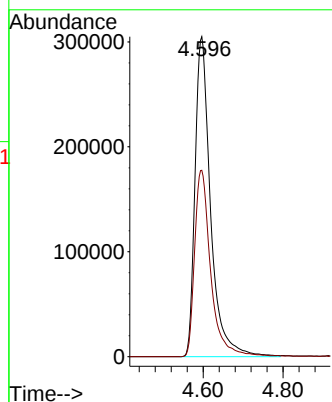
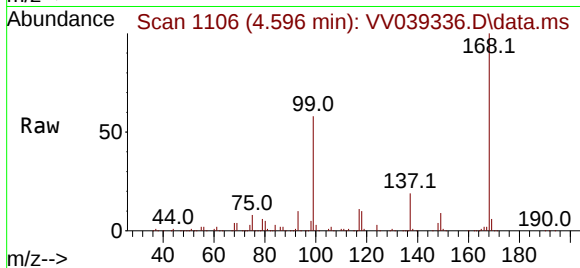
VIBLK

Tgt Ion:168 Resp: 827153

Ion Ratio Lower Upper

168 100

99 58.2 46.6 70.0



#33

1,2-Dichloroethane-d4

Concen: 54.377 ug/l

RT: 4.937 min Scan# 1212

Delta R.T. -0.003 min

Lab File: VV039336.D

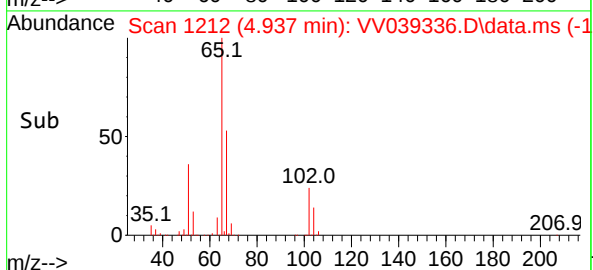
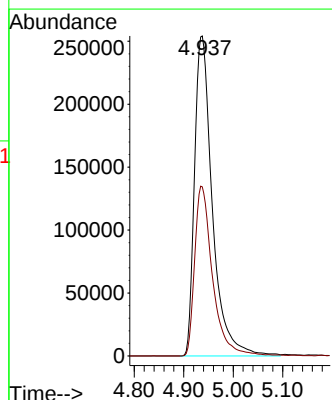
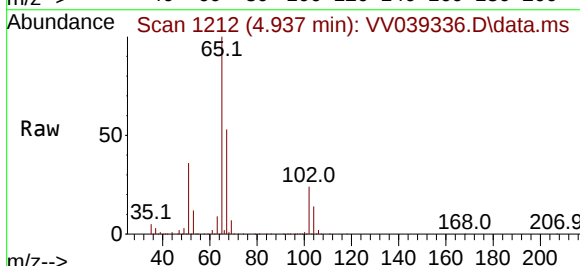
Acq: 05 Nov 2025 15:18

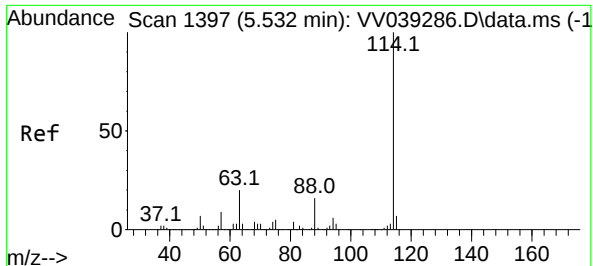
Tgt Ion: 65 Resp: 639120

Ion Ratio Lower Upper

65 100

67 53.0 0.0 108.4

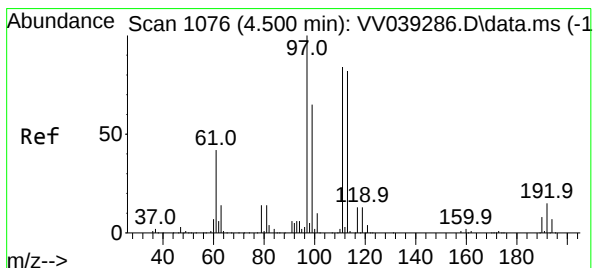
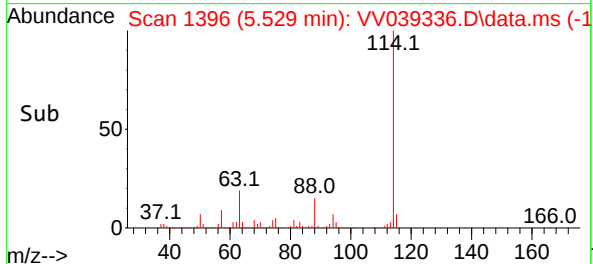
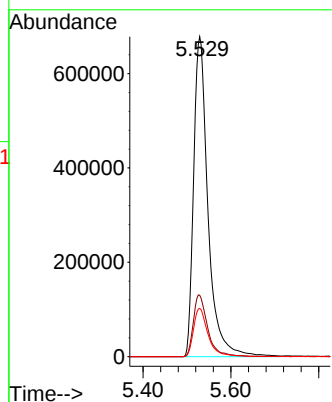
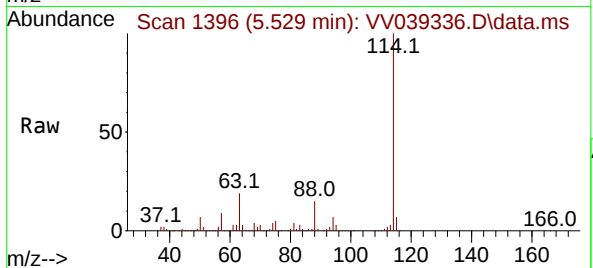




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.529 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV039336.D
Acq: 05 Nov 2025 15:18

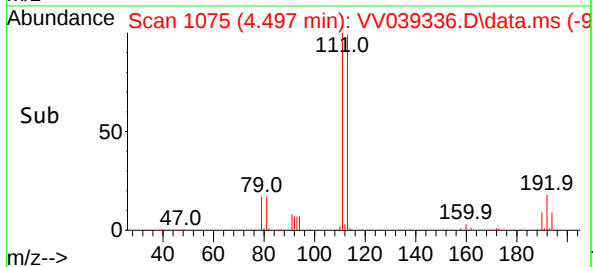
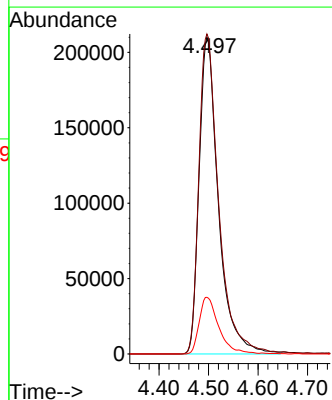
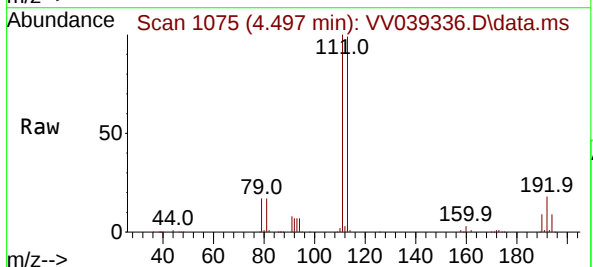
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

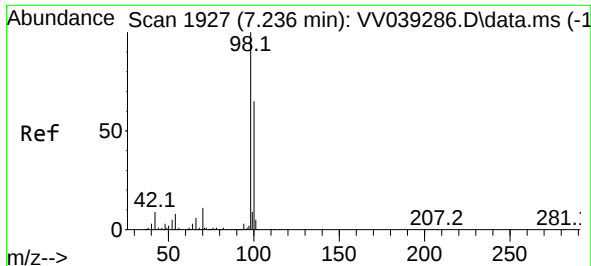
Tgt Ion:114 Resp: 1540457
Ion Ratio Lower Upper
114 100
63 19.2 0.0 39.6
88 15.1 0.0 31.6



#35
Dibromofluoromethane
Concen: 46.964 ug/l
RT: 4.497 min Scan# 1075
Delta R.T. -0.003 min
Lab File: VV039336.D
Acq: 05 Nov 2025 15:18

Tgt Ion:113 Resp: 570030
Ion Ratio Lower Upper
113 100
111 103.7 82.0 123.0
192 18.1 14.3 21.5

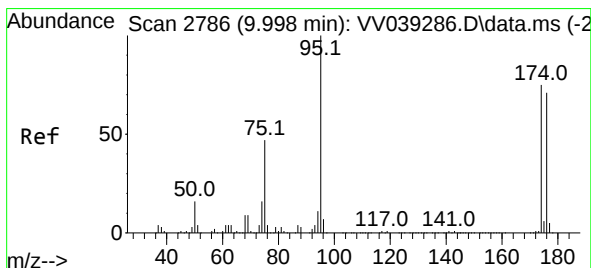
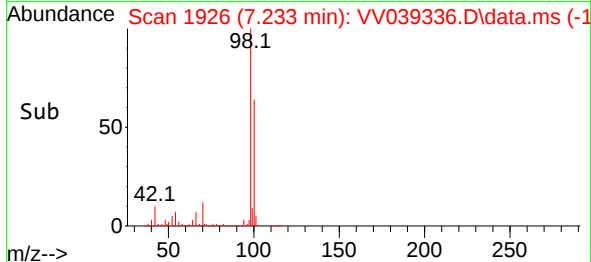
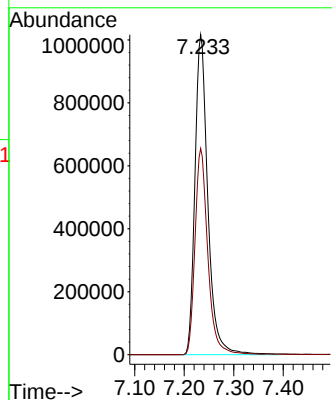
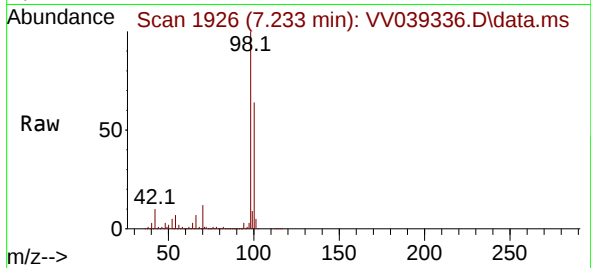




#50
Toluene-d8
Concen: 44.724 ug/l
RT: 7.233 min Scan# 1926
Delta R.T. -0.003 min
Lab File: VV039336.D
Acq: 05 Nov 2025 15:18

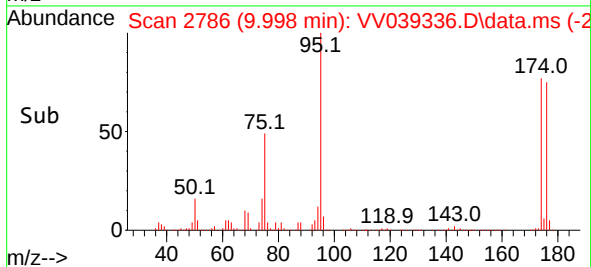
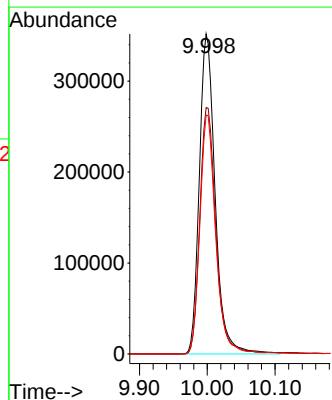
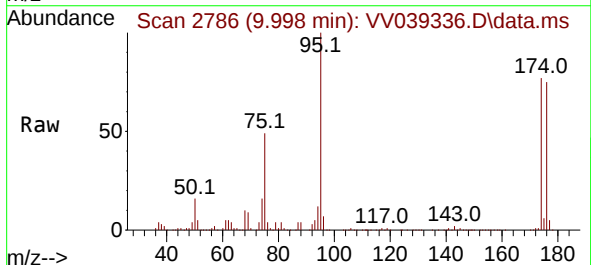
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

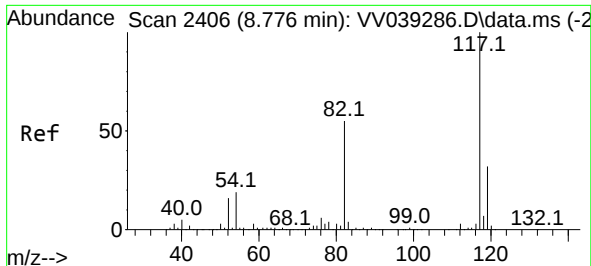
Tgt Ion: 98 Resp: 1846757
Ion Ratio Lower Upper
98 100
100 64.0 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 38.767 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VV039336.D
Acq: 05 Nov 2025 15:18

Tgt Ion: 95 Resp: 570095
Ion Ratio Lower Upper
95 100
174 78.1 0.0 153.6
176 74.5 0.0 146.0

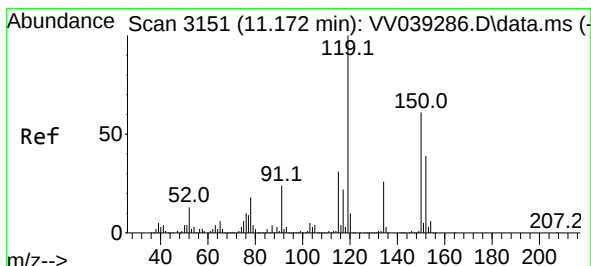
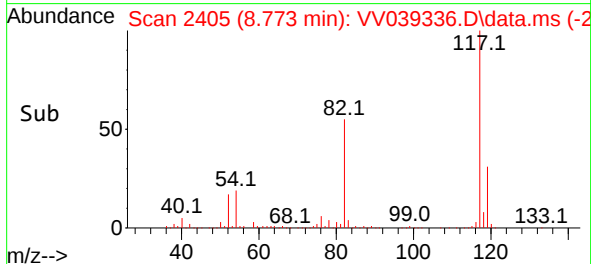
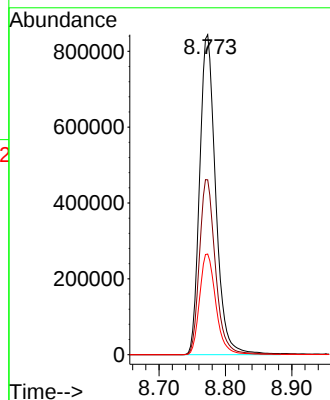
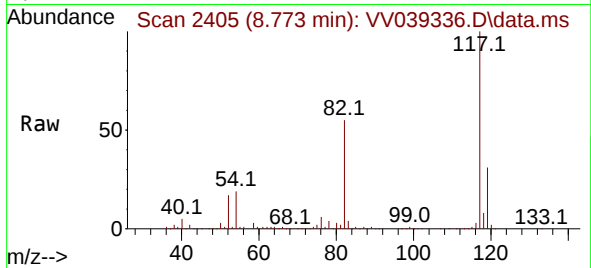




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2405
Delta R.T. -0.003 min
Lab File: VV039336.D
Acq: 05 Nov 2025 15:18

Instrument :
MSVOA_V
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 1418179
Ion Ratio Lower Upper
117 100
82 54.6 43.8 65.8
119 31.4 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: VV039336.D
Acq: 05 Nov 2025 15:18

Tgt Ion:152 Resp: 626525
Ion Ratio Lower Upper
152 100
115 60.7 42.3 126.8
150 159.5 0.0 348.0

