

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
 Data File : VV039307.D
 Acq On : 04 Nov 2025 11:52
 Operator : SY/MD
 Sample : VV1104MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV1104MBL01

Quant Time: Nov 05 00:32:05 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	4.597	168	639738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	1135586	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1046285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	450116	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	447249	49.201	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	98.400%
35) Dibromofluoromethane	4.497	113	394727	44.115	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	88.240%
50) Toluene-d8	7.233	98	1197864	39.352	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	78.700%#
62) 4-Bromofluorobenzene	9.998	95	410691	37.884	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	75.760%#

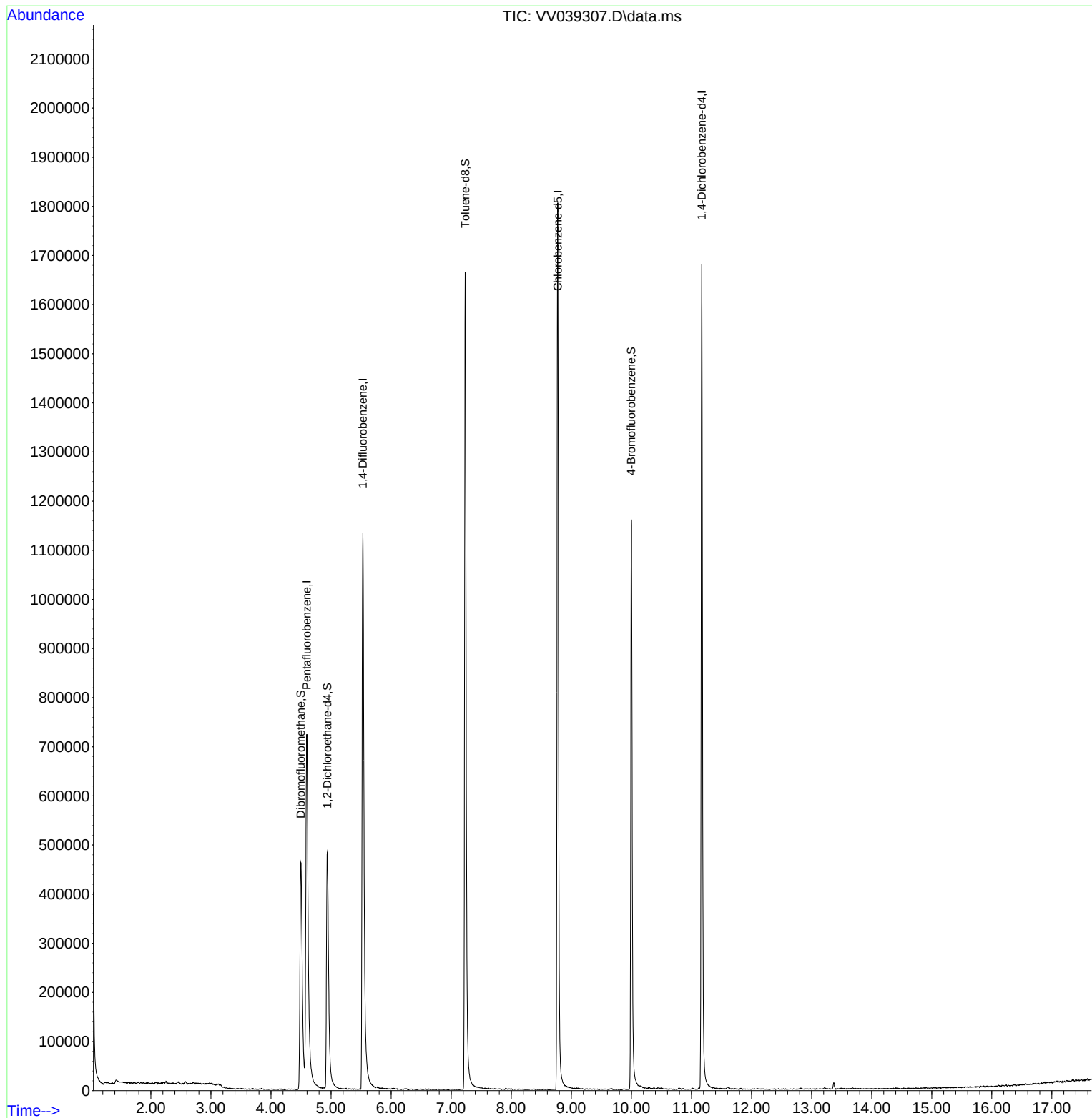
Target Compounds	Qvalue

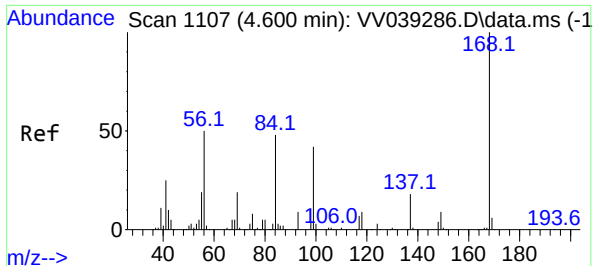
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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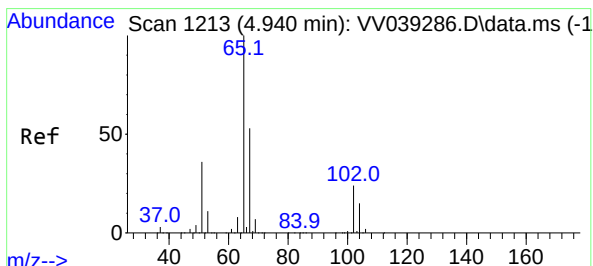
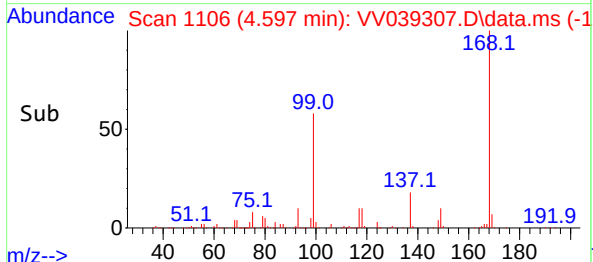
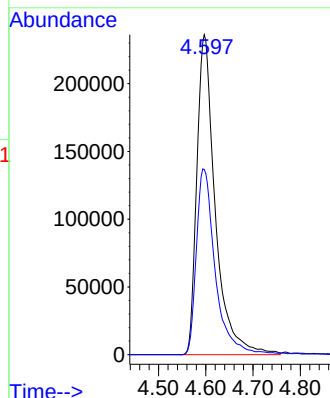
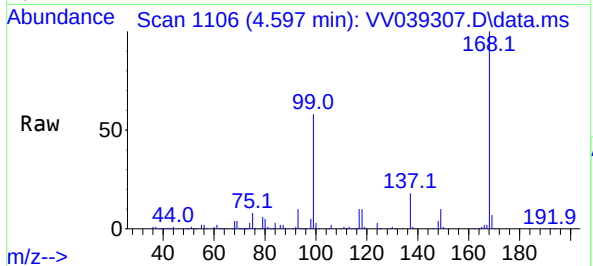




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.597 min Scan# 1106
Delta R.T. -0.003 min
Lab File: VV039307.D
Acq: 04 Nov 2025 11:52

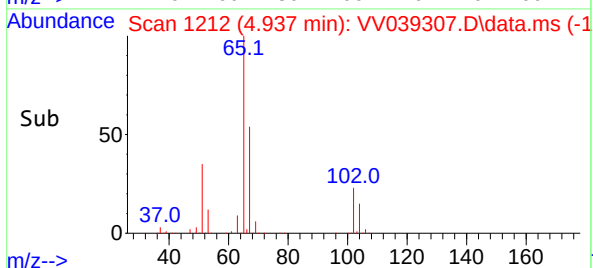
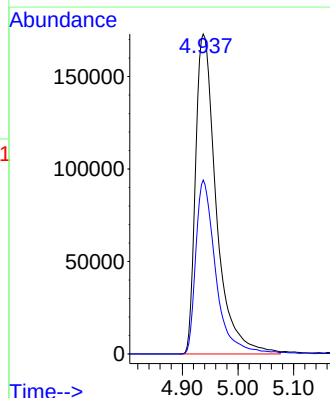
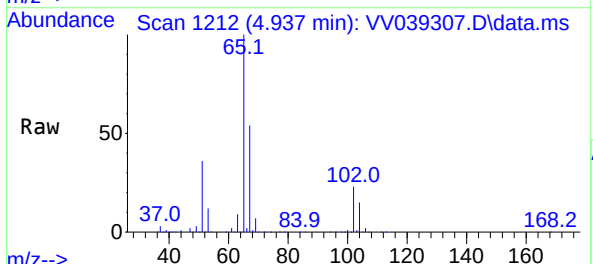
Instrument :
MSVOA_V
ClientSampleId :
VV1104MBL01

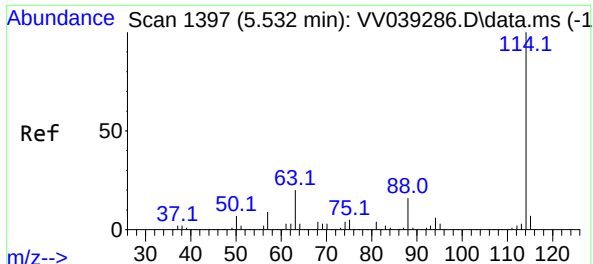
Tgt Ion:168 Resp: 639738
Ion Ratio Lower Upper
168 100
99 57.9 46.6 70.0



#33
1,2-Dichloroethane-d4
Concen: 49.201 ug/l
RT: 4.937 min Scan# 1212
Delta R.T. -0.003 min
Lab File: VV039307.D
Acq: 04 Nov 2025 11:52

Tgt Ion: 65 Resp: 447249
Ion Ratio Lower Upper
65 100
67 52.2 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: VV039307.D

Acq: 04 Nov 2025 11:52

Instrument :

MSVOA_V

ClientSampleId :

VV1104MBL01

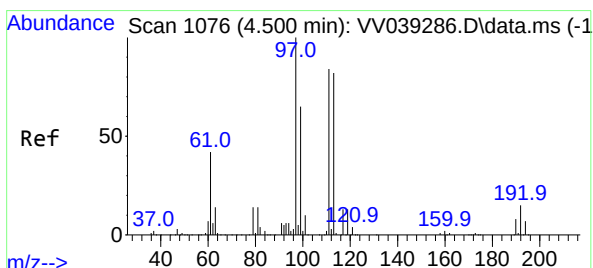
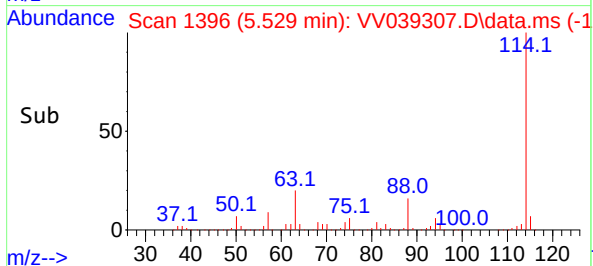
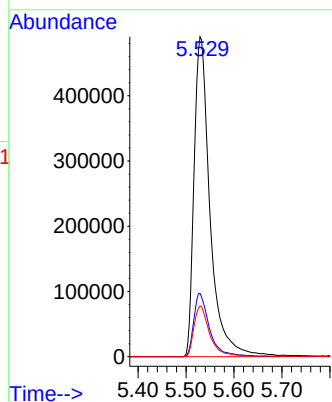
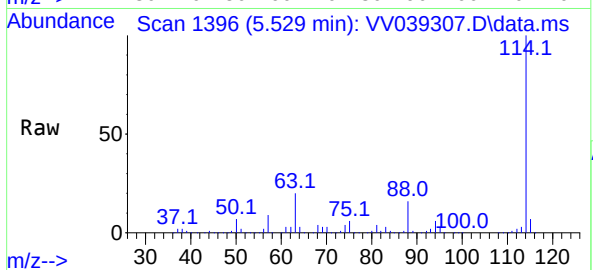
Tgt Ion:114 Resp: 1135586

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.6

88 15.9 0.0 31.6



#35

Dibromofluoromethane

Concen: 44.115 ug/l

RT: 4.497 min Scan# 1075

Delta R.T. -0.003 min

Lab File: VV039307.D

Acq: 04 Nov 2025 11:52

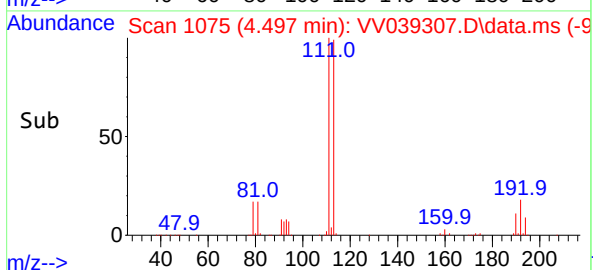
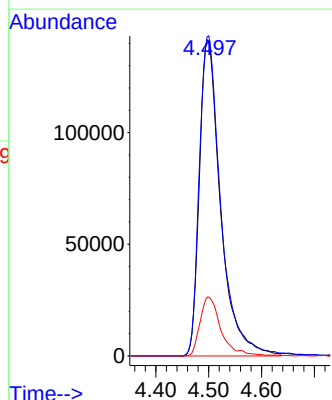
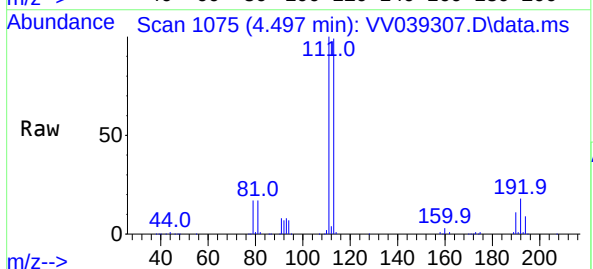
Tgt Ion:113 Resp: 394727

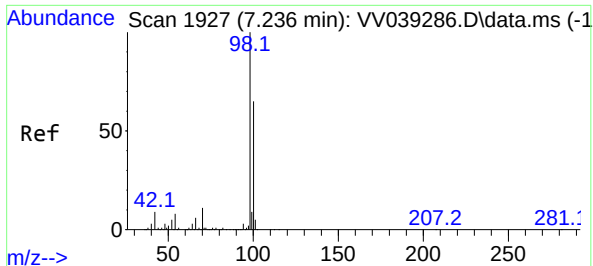
Ion Ratio Lower Upper

113 100

111 102.0 82.0 123.0

192 17.4 14.3 21.5

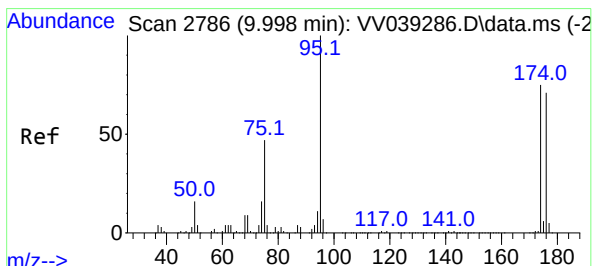
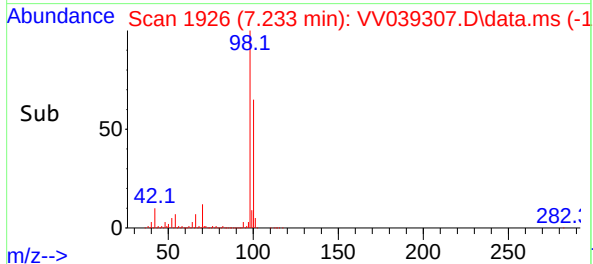
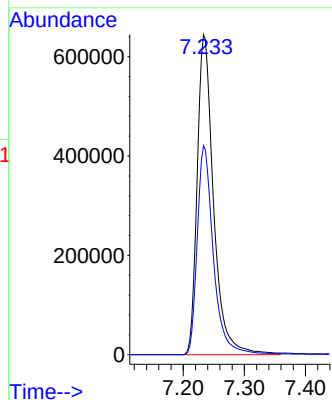
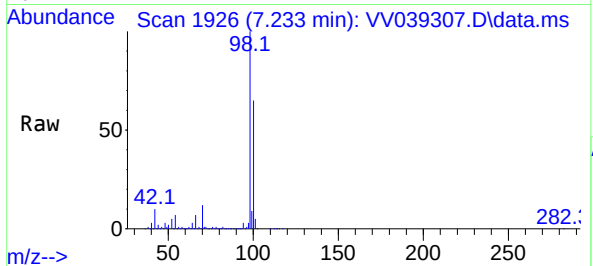




#50
Toluene-d8
Concen: 39.352 ug/l
RT: 7.233 min Scan# 1927
Delta R.T. -0.003 min
Lab File: VV039307.D
Acq: 04 Nov 2025 11:52

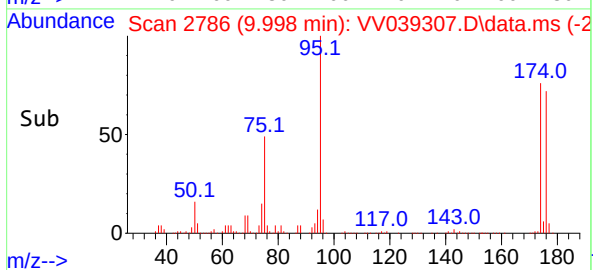
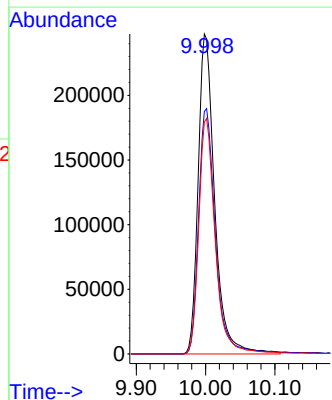
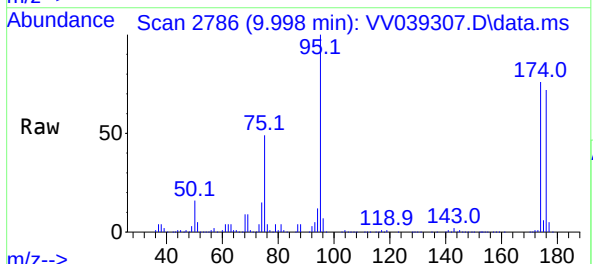
Instrument :
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ClientSampleId :
VV1104MBL01

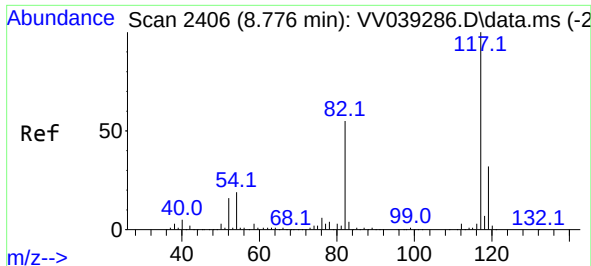
Tgt Ion: 98 Resp: 1197864
Ion Ratio Lower Upper
98 100
100 64.6 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 37.884 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VV039307.D
Acq: 04 Nov 2025 11:52

Tgt Ion: 95 Resp: 410691
Ion Ratio Lower Upper
95 100
174 77.7 0.0 153.6
176 73.4 0.0 146.0

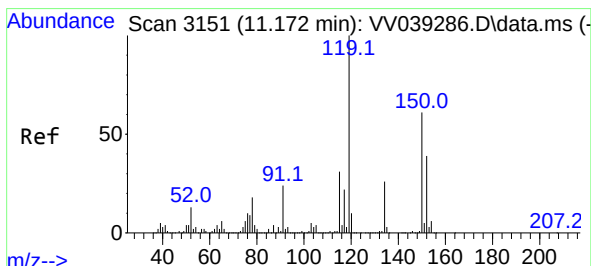
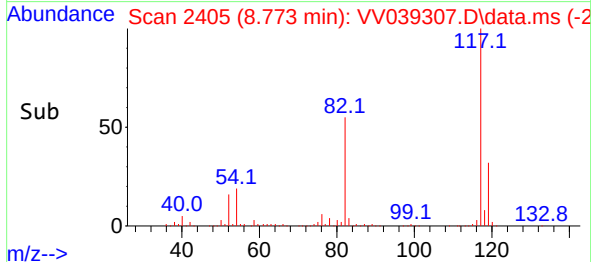
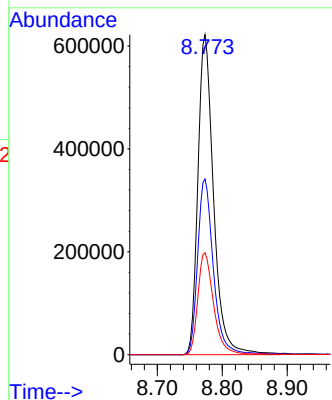
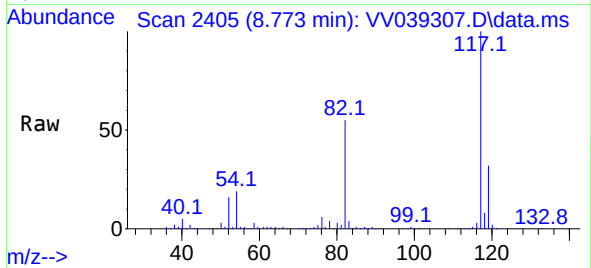




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2406
Delta R.T. -0.003 min
Lab File: VV039307.D
Acq: 04 Nov 2025 11:52

Instrument :
MSVOA_V
ClientSampleId :
VV1104MBL01

Tgt Ion:117 Resp: 1046285
Ion Ratio Lower Upper
117 100
82 54.9 43.8 65.8
119 31.9 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: VV039307.D
Acq: 04 Nov 2025 11:52

Tgt Ion:152 Resp: 450116
Ion Ratio Lower Upper
152 100
115 61.3 42.3 126.8
150 160.8 0.0 348.0

