

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
 Data File : VV039176.D
 Acq On : 25 Sep 2025 13:18
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
 Supervised By :Semsettin Yesilyurt 09/29/2025

Quant Time: Sep 26 01:26:17 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	4.632	168	1377m	50.000	ug/l	0.03
34) 1,4-Difluorobenzene	5.584	114	659	50.000	ug/l	0.05
63) Chlorobenzene-d5	8.808	117	3348	50.000	ug/l	0.04
72) 1,4-Dichlorobenzene-d4	11.194	152	2760	50.000	ug/l	0.02

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.989	65	985	49.425	ug/l	0.05
Spiked Amount	50.000	Range	81 - 118	Recovery	=	98.840%
35) Dibromofluoromethane	4.535	113	344	64.932	ug/l	0.04
Spiked Amount	50.000	Range	80 - 119	Recovery	=	129.860%#
50) Toluene-d8	7.288	98	630	40.489	ug/l	0.05
Spiked Amount	50.000	Range	89 - 112	Recovery	=	80.980%#
62) 4-Bromofluorobenzene	10.117	95	270	42.151	ug/l	0.12
Spiked Amount	50.000	Range	85 - 114	Recovery	=	84.300%#

Target Compounds	Qvalue

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

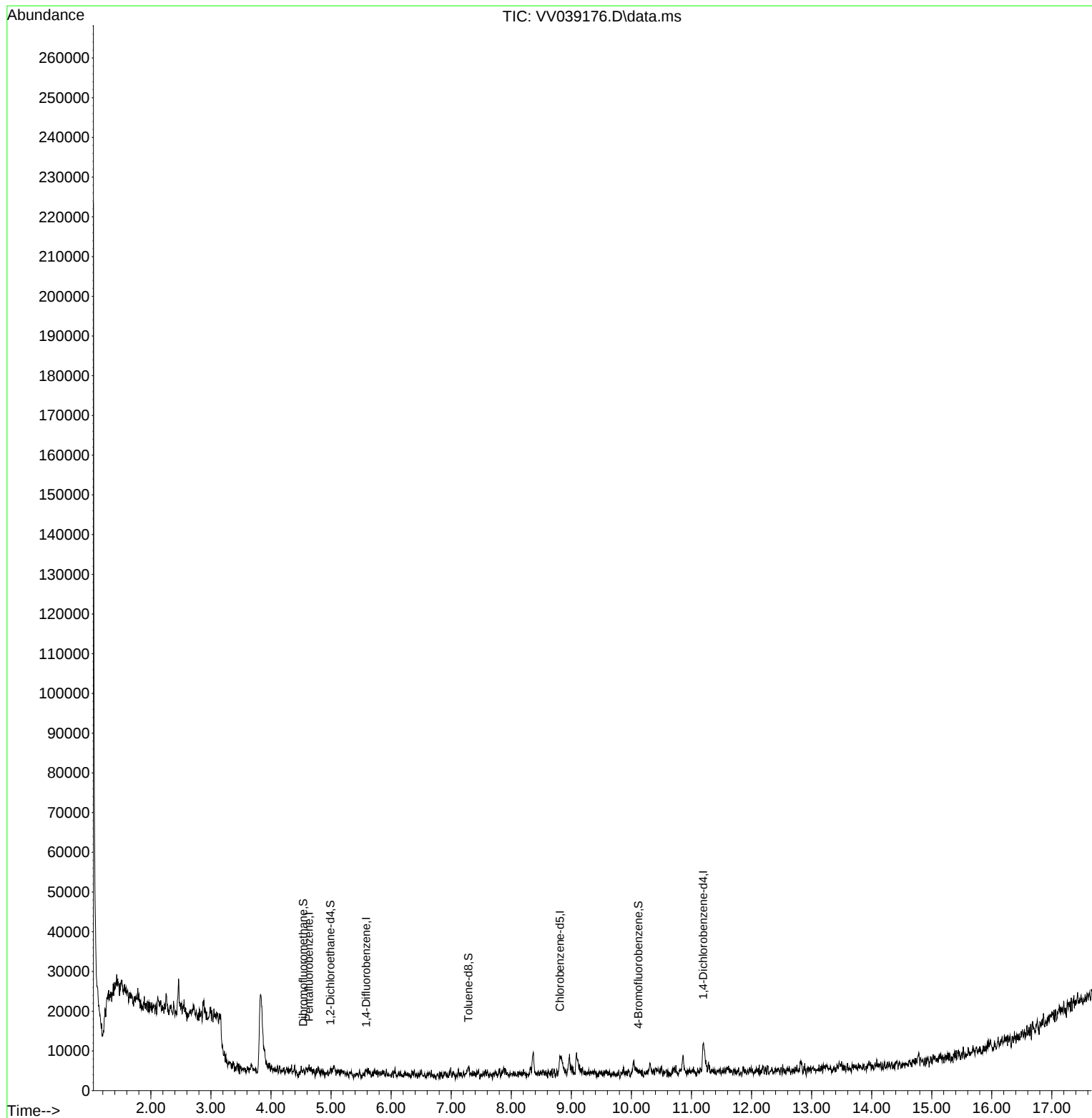
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
Data File : VV039176.D
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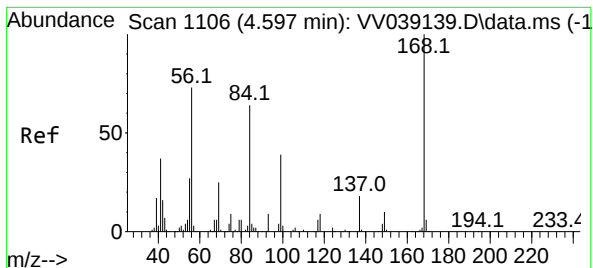
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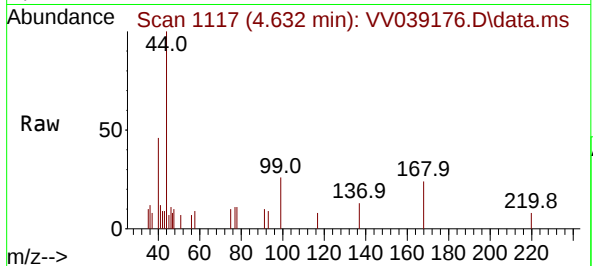
Quant Time: Sep 26 01:26:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l m
RT: 4.632 min Scan# 1106
Delta R.T. 0.035 min
Lab File: VV039176.D
Acq: 25 Sep 2025 13:18

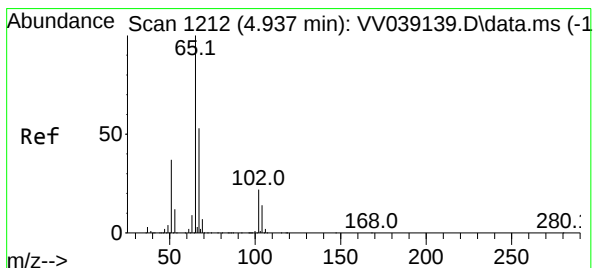
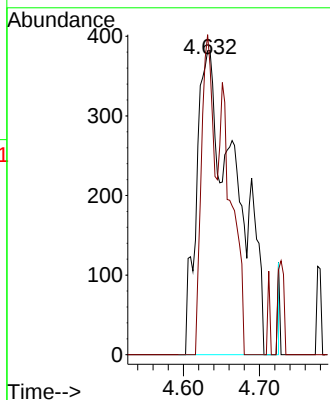
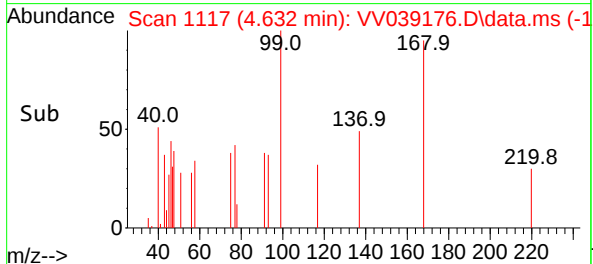
Instrument :
MSVOA_V
ClientSampleId :
VIBLK



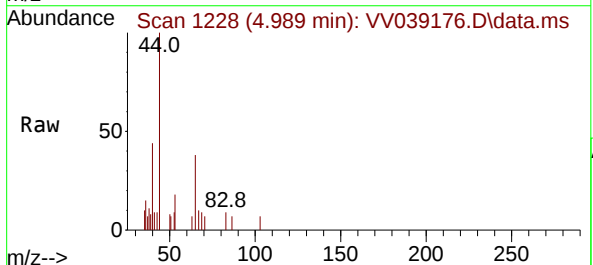
Tgt Ion: 168 Resp: 137
Ion Ratio Lower Upper
168 100
99 105.2 49.6 74.4

Manual Integrations
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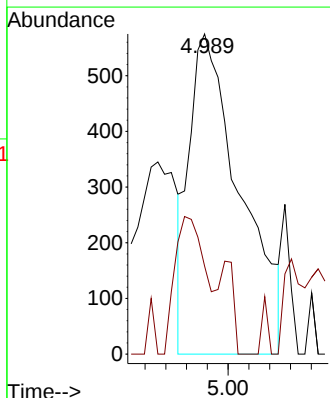
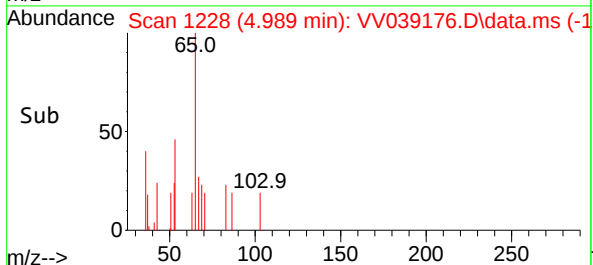
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

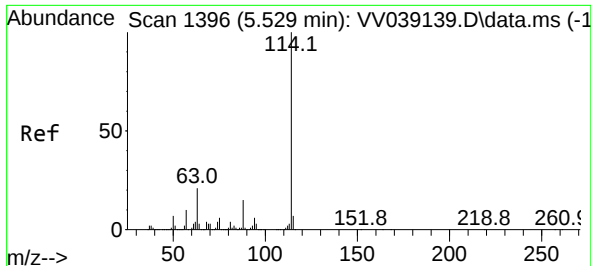


#33
1,2-Dichloroethane-d4
Concen: 49.425 ug/l
RT: 4.989 min Scan# 1228
Delta R.T. 0.051 min
Lab File: VV039176.D
Acq: 25 Sep 2025 13:18



Tgt Ion: 65 Resp: 985
Ion Ratio Lower Upper
65 100
67 25.1 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.584 min Scan# 1413

Delta R.T. 0.055 min

Lab File: VV039176.D

Acq: 25 Sep 2025 13:18

Instrument :

MSVOA_V

ClientSampleId :

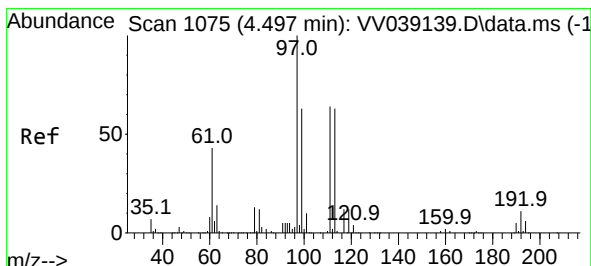
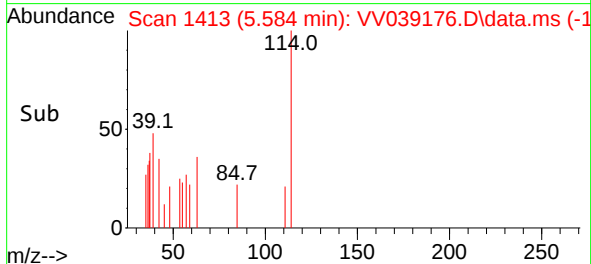
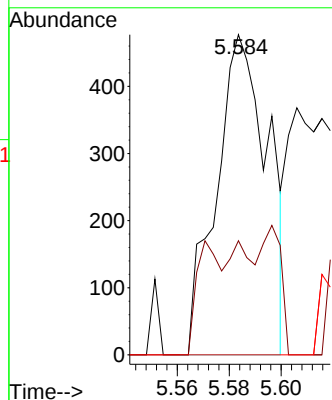
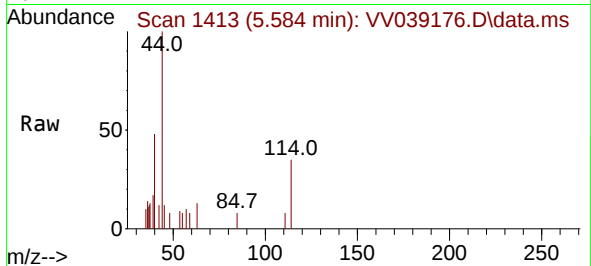
VIBLK

Tgt Ion:	114	Resp:	659
Ion Ratio	Lower	Upper	
114	100		
63	35.6	0.0	42.6
88	0.0	0.0	30.8

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#35

Dibromofluoromethane

Concen: 64.932 ug/l

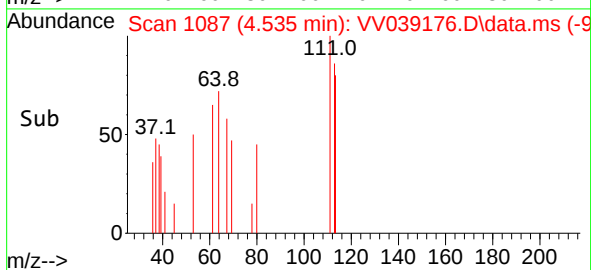
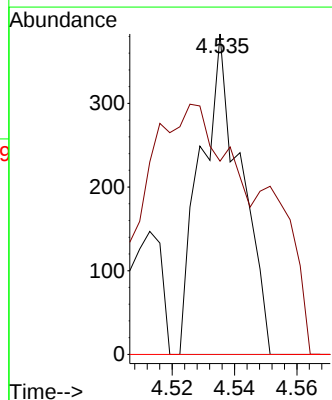
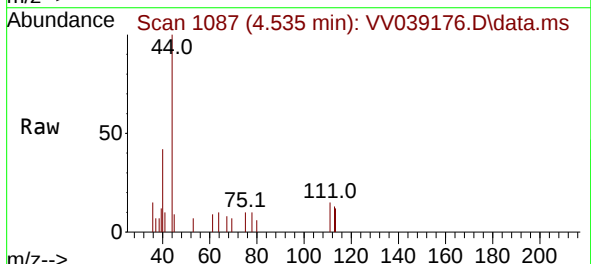
RT: 4.535 min Scan# 1087

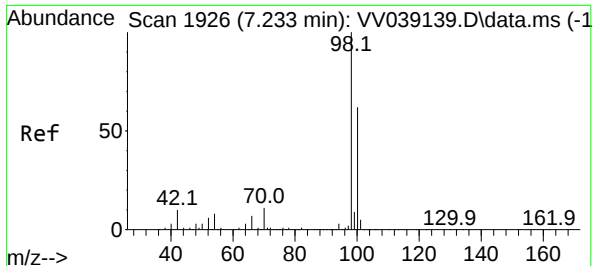
Delta R.T. 0.038 min

Lab File: VV039176.D

Acq: 25 Sep 2025 13:18

Tgt Ion:	113	Resp:	344
Ion Ratio	Lower	Upper	
113	100		
111	177.9	82.4	123.6#
192	0.0	13.8	20.8#





#50

Toluene-d8

Concen: 40.489 ug/l

RT: 7.288 min Scan# 1943

Delta R.T. 0.055 min

Lab File: VV039176.D

Acq: 25 Sep 2025 13:18

Instrument :

MSVOA_V

ClientSampleId :

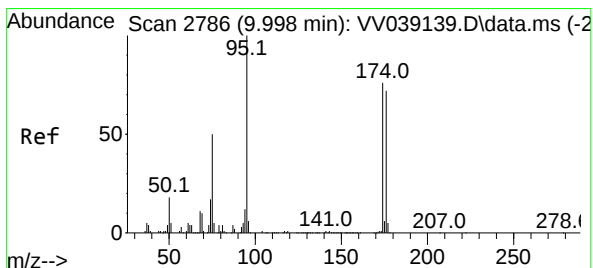
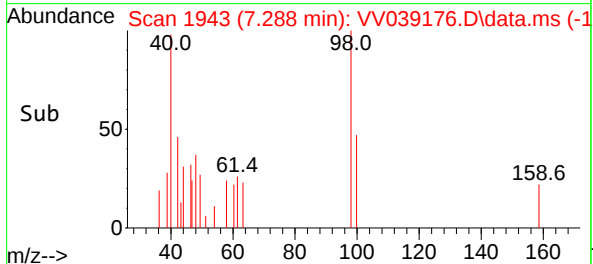
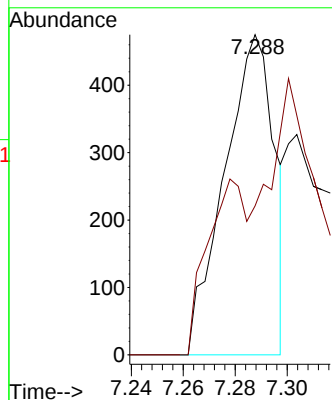
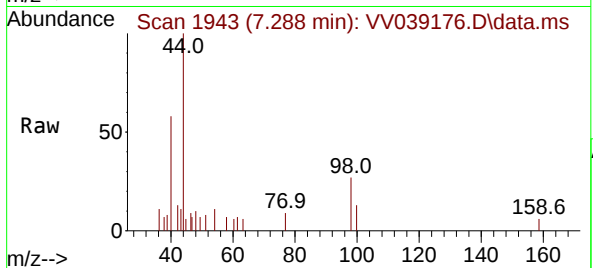
VIBLK

Tgt Ion: 98 Resp: 630
 Ion Ratio Lower Upper
 98 100
 100 42.7 52.2 78.2

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#62

4-Bromofluorobenzene

Concen: 42.151 ug/l

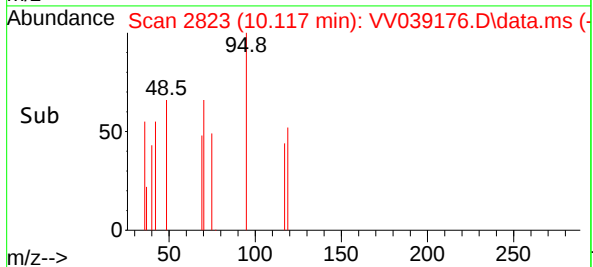
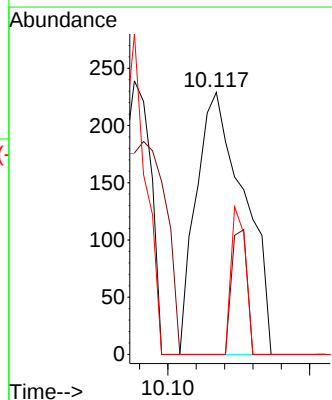
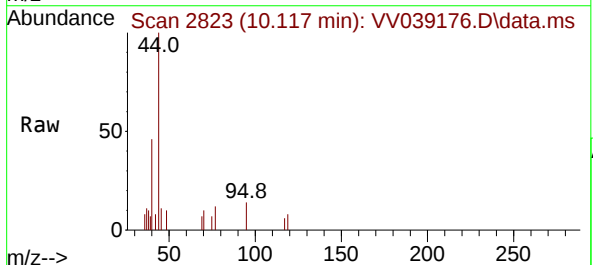
RT: 10.117 min Scan# 2823

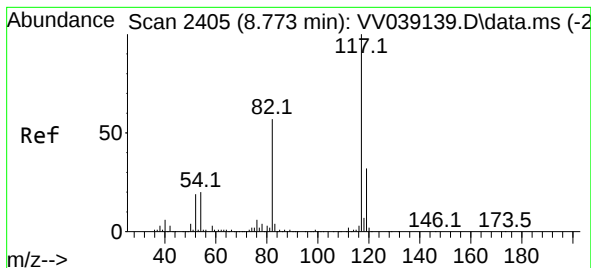
Delta R.T. 0.119 min

Lab File: VV039176.D

Acq: 25 Sep 2025 13:18

Tgt Ion: 95 Resp: 270
 Ion Ratio Lower Upper
 95 100
 174 15.2 0.0 150.4
 176 16.7 0.0 144.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.808 min Scan# 2405

Delta R.T. 0.035 min

Lab File: VV039176.D

Acq: 25 Sep 2025 13:18

Instrument :

MSVOA_V

ClientSampleId :

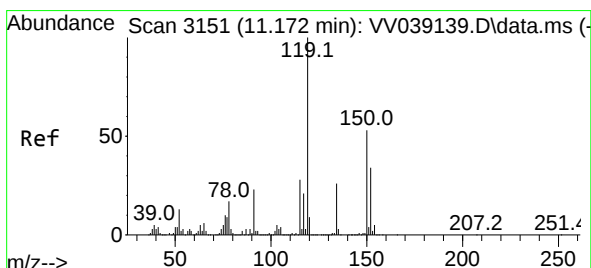
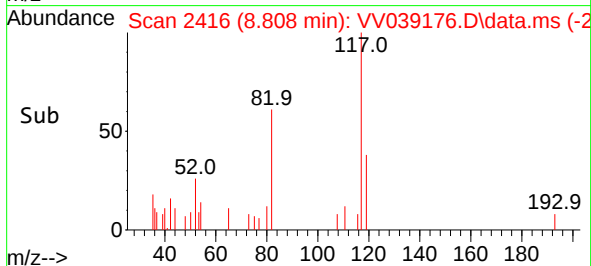
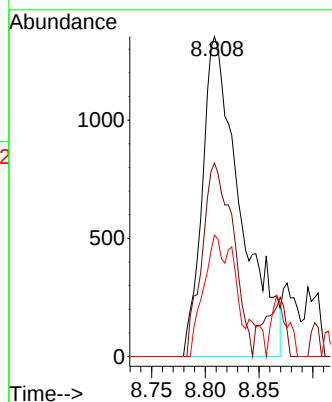
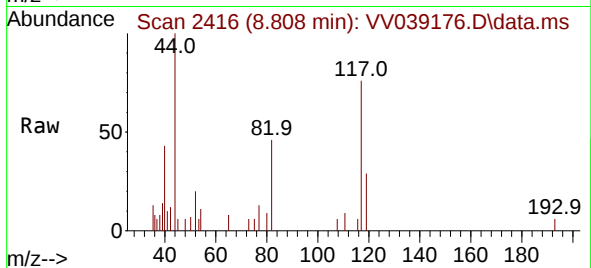
VIBLK

Tgt Ion:	117	Resp:	334
Ion Ratio	Lower	Upper	
117	100		
82	60.5	45.4	68.2
119	38.0	25.6	38.4

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.194 min Scan# 3158

Delta R.T. 0.022 min

Lab File: VV039176.D

Acq: 25 Sep 2025 13:18

Tgt Ion:	152	Resp:	2760
Ion Ratio	Lower	Upper	
152	100		
115	78.4	44.8	134.4
150	145.3	0.0	353.8

