

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100825\
 Data File : VN088045.D
 Acq On : 08 Oct 2025 16:44
 Operator : JC\MD
 Sample : Q3281-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 002-35TH-AVE(OCT)

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/09/2025
 Supervised By :Mahesh Dadoda 10/10/2025

Quant Time: Oct 09 02:59:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 09 02:36:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.800	128	64155	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	352319	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	309016	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	149389	29.904	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.667%
60) 4-Bromofluorobenzene	12.829	95	142776	28.027	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.433%
63) Toluene-d8	10.547	98	423383	30.751	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.500%
Target Compounds						
15) Acetone	4.424	58	5932m	7.654	ug/l	Qvalue
25) Chloroform	7.953	83	11635	1.495	ug/l	92

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

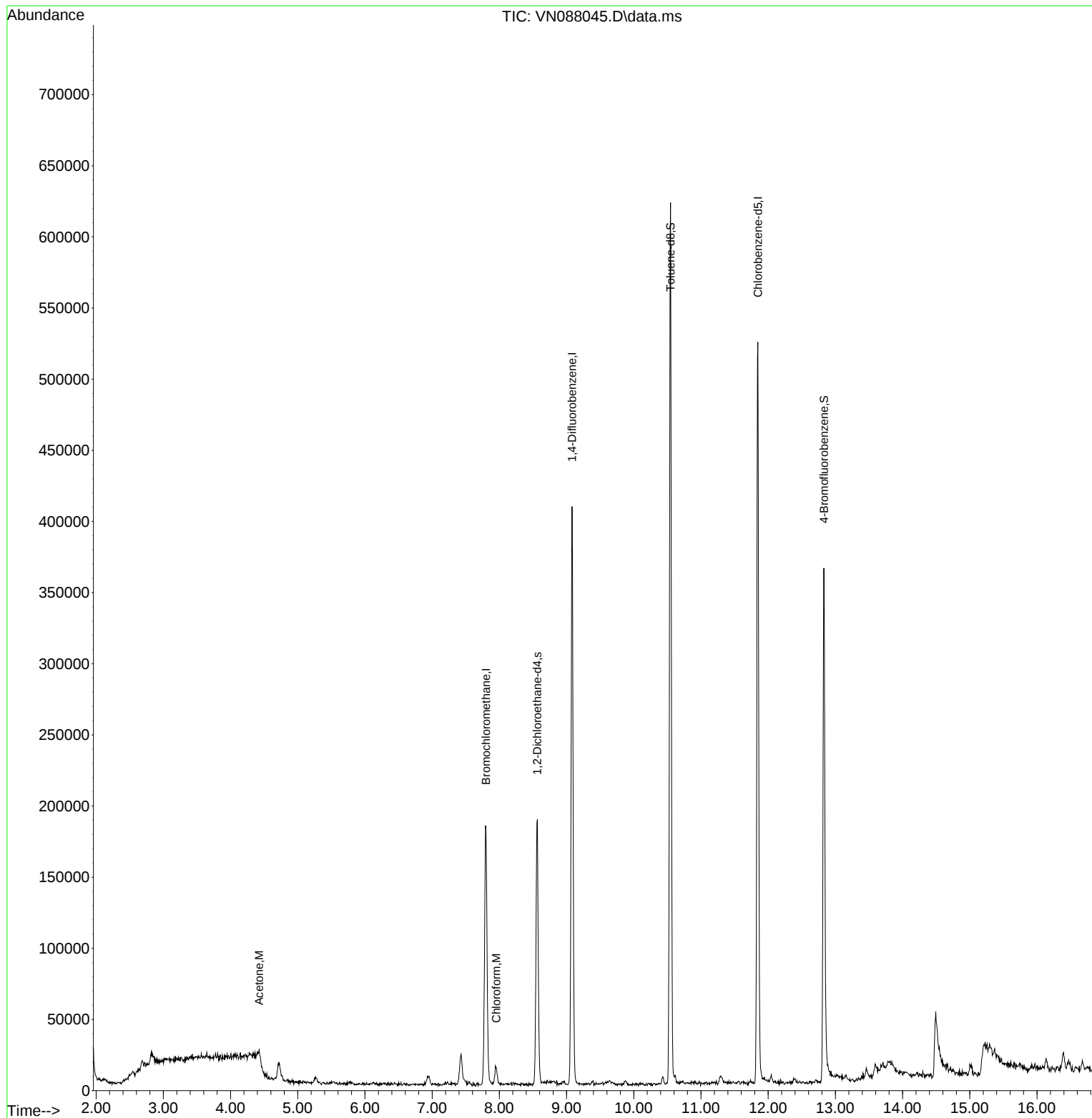
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100825\
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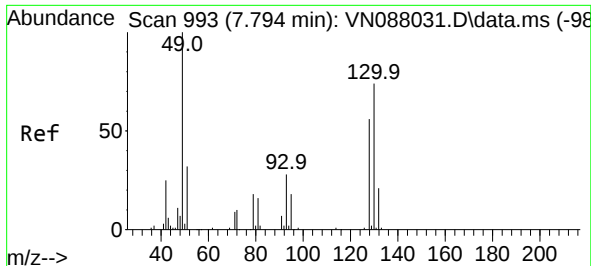
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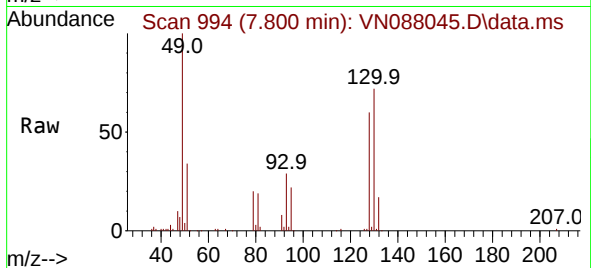
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 993
Delta R.T. 0.006 min
Lab File: VN088045.D
Acq: 08 Oct 2025 16:44

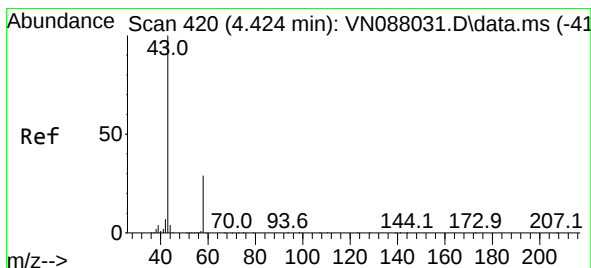
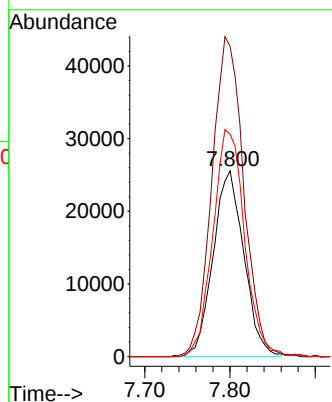
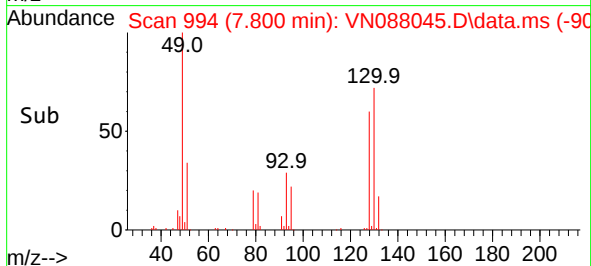
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(OCT)



Tgt Ion:128 Resp: 6415
Ion Ratio Lower Upper
128 100
49 177.3 0.0 439.8
130 124.6 0.0 325.8

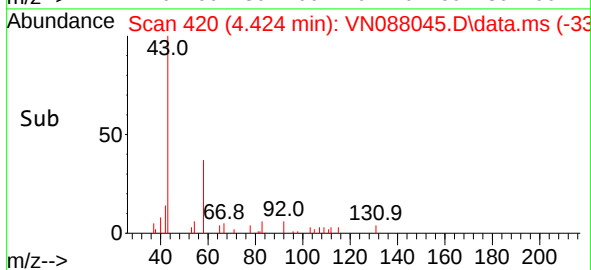
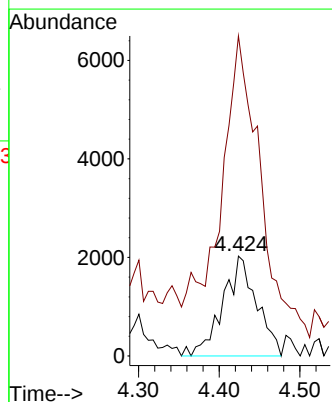
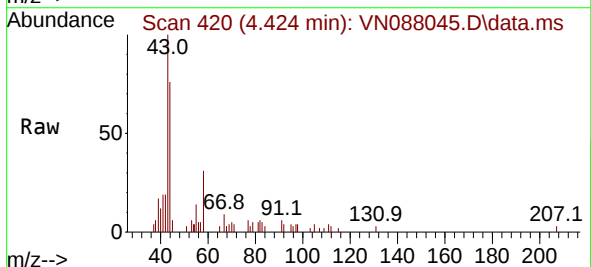
Manual Integrations
APPROVED

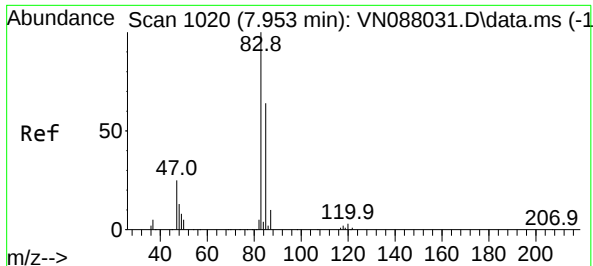
Reviewed By :John Carlone 10/09/2025
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#15
Acetone
Concen: 7.654 ug/l m
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN088045.D
Acq: 08 Oct 2025 16:44

Tgt Ion: 58 Resp: 5932
Ion Ratio Lower Upper
58 100
43 320.3 282.6 424.0





#25

Chloroform

Concen: 1.495 ug/l

RT: 7.953 min Scan# 1020

Delta R.T. -0.000 min

Lab File: VN088045.D

Acq: 08 Oct 2025 16:44

Instrument :

MSVOA_N

ClientSampleId :

002-35TH-AVE(OCT)

Tgt Ion: 83 Resp: 1163

Ion Ratio Lower Upper

83 100

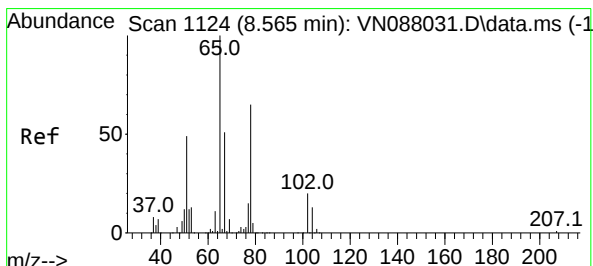
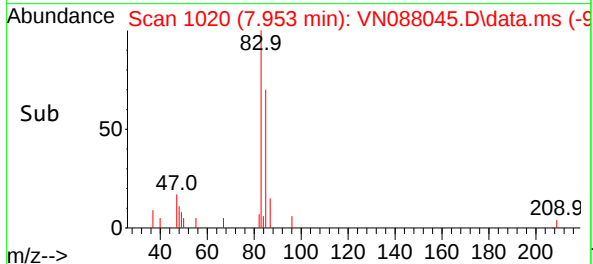
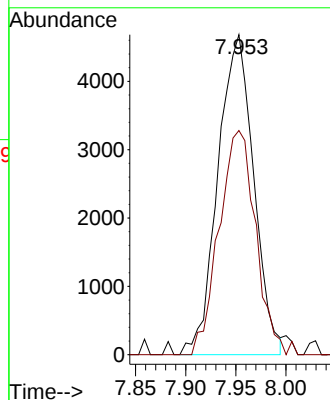
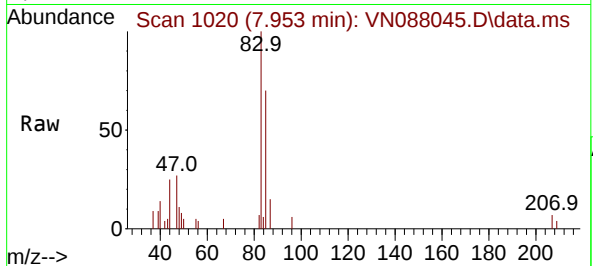
85 70.0 50.9 76.3

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#27

1,2-Dichloroethane-d4

Concen: 29.904 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.000 min

Lab File: VN088045.D

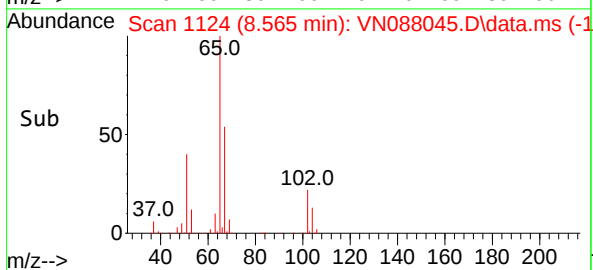
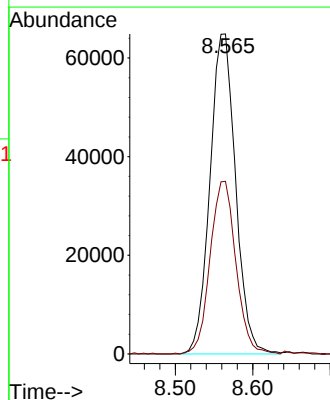
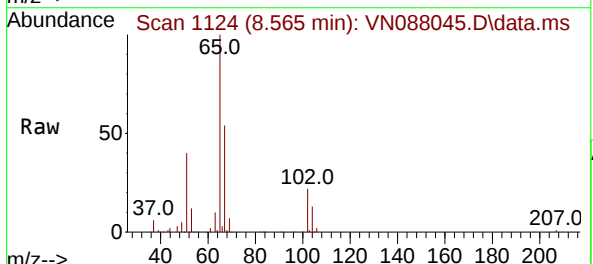
Acq: 08 Oct 2025 16:44

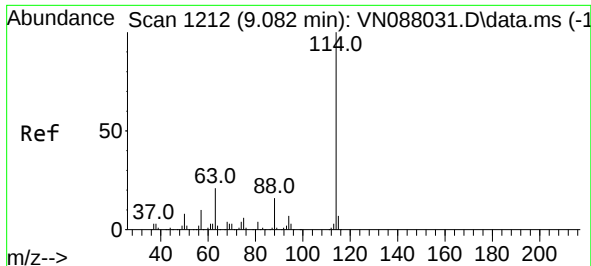
Tgt Ion: 65 Resp: 149389

Ion Ratio Lower Upper

65 100

67 54.2 41.9 62.9





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.082 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN088045.D

Acq: 08 Oct 2025 16:44

Instrument :

MSVOA_N

ClientSampleId :

002-35TH-AVE(OCT)

Tgt Ion:114 Resp: 352319

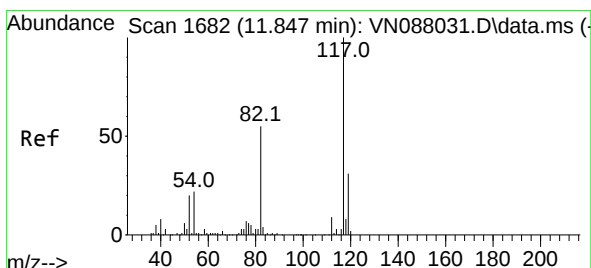
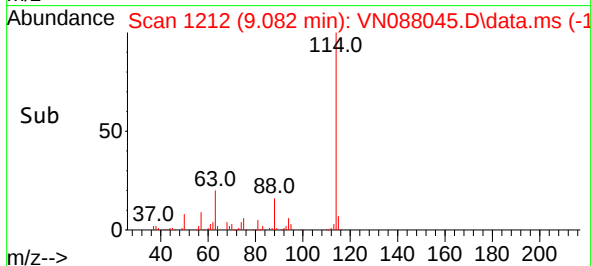
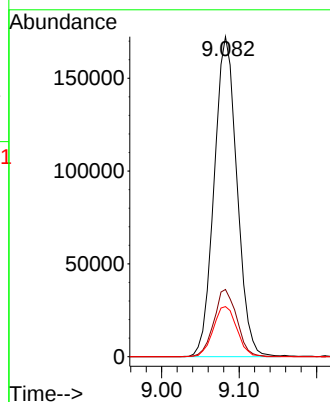
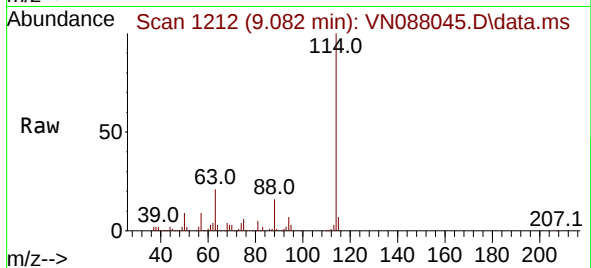
Ion	Ratio	Lower	Upper
114	100		
63	21.1	16.6	25.0
88	16.2	12.6	18.8

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#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.847 min Scan# 1682

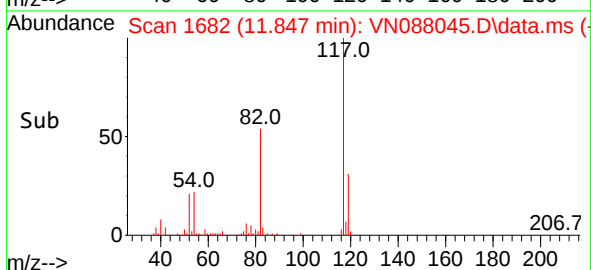
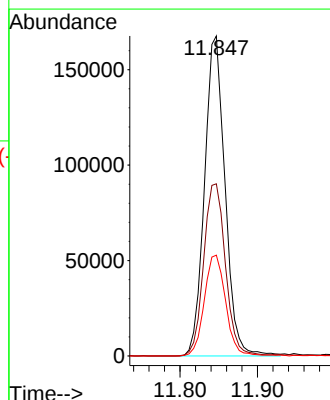
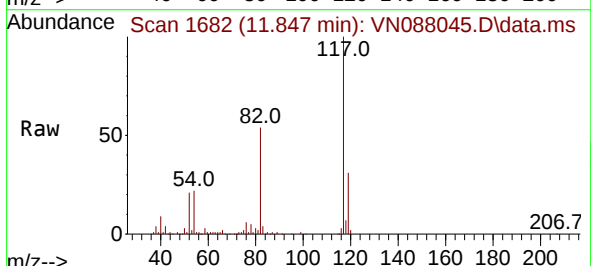
Delta R.T. -0.000 min

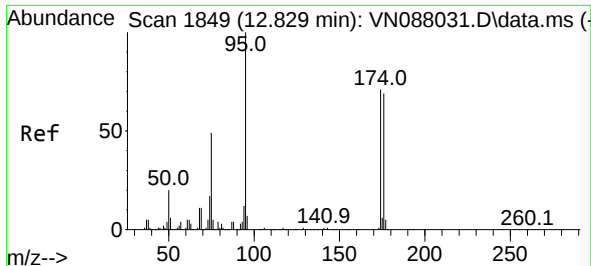
Lab File: VN088045.D

Acq: 08 Oct 2025 16:44

Tgt Ion:117 Resp: 309016

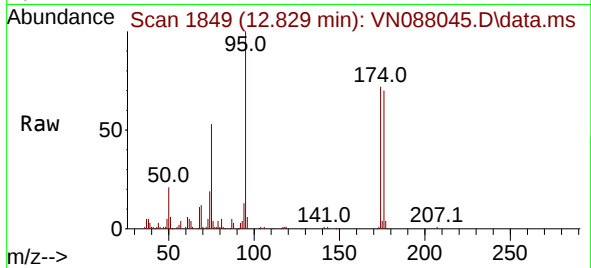
Ion	Ratio	Lower	Upper
117	100		
82	57.0	45.2	67.8
119	32.6	25.9	38.9





#60
4-Bromofluorobenzene
Concen: 28.027 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN088045.D
Acq: 08 Oct 2025 16:44

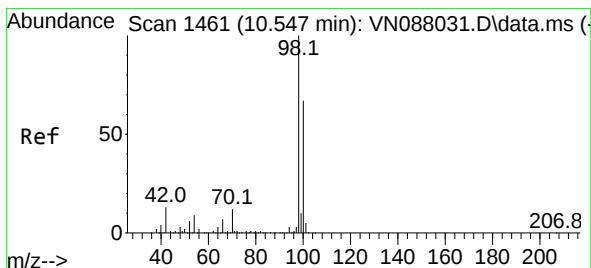
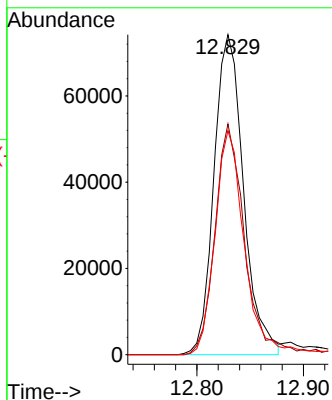
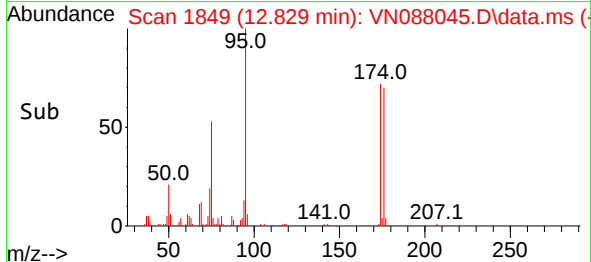
Instrument :
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Tgt Ion: 95 Resp: 142770
Ion Ratio Lower Upper
95 100
174 69.0 57.4 86.0
176 68.5 57.0 85.4

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Supervised By :Mahesh Dadoda 10/10/2025



#63
Toluene-d8
Concen: 30.751 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN088045.D
Acq: 08 Oct 2025 16:44

Tgt Ion: 98 Resp: 423383
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7

