

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102925\
 Data File : VN088161.D
 Acq On : 29 Oct 2025 15:28
 Operator : JC\MD
 Sample : Q3472-04
 Misc : 1.09g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-1

Quant Time: Oct 30 04:08:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 25 00:15:22 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/30/2025
 Supervised By :Mahesh Dadoda 11/03/2025

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	184851	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	420673	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	377147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	172591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	197651	61.834	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 123.660%		
35) Dibromofluoromethane	8.147	113	151511	53.611	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 107.220%		
50) Toluene-d8	10.541	98	546529	50.189	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 100.380%		
62) 4-Bromofluorobenzene	12.829	95	176361	45.859	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery	= 91.720%		
Target Compounds						Qvalue
10) Methyl Iodide	4.559	142	5340	6.465	ug/l	88
18) Methyl Acetate	5.024	43	9117	2.773	ug/l	94
20) Methylene Chloride	5.247	84	3445m	2.130	ug/l	

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

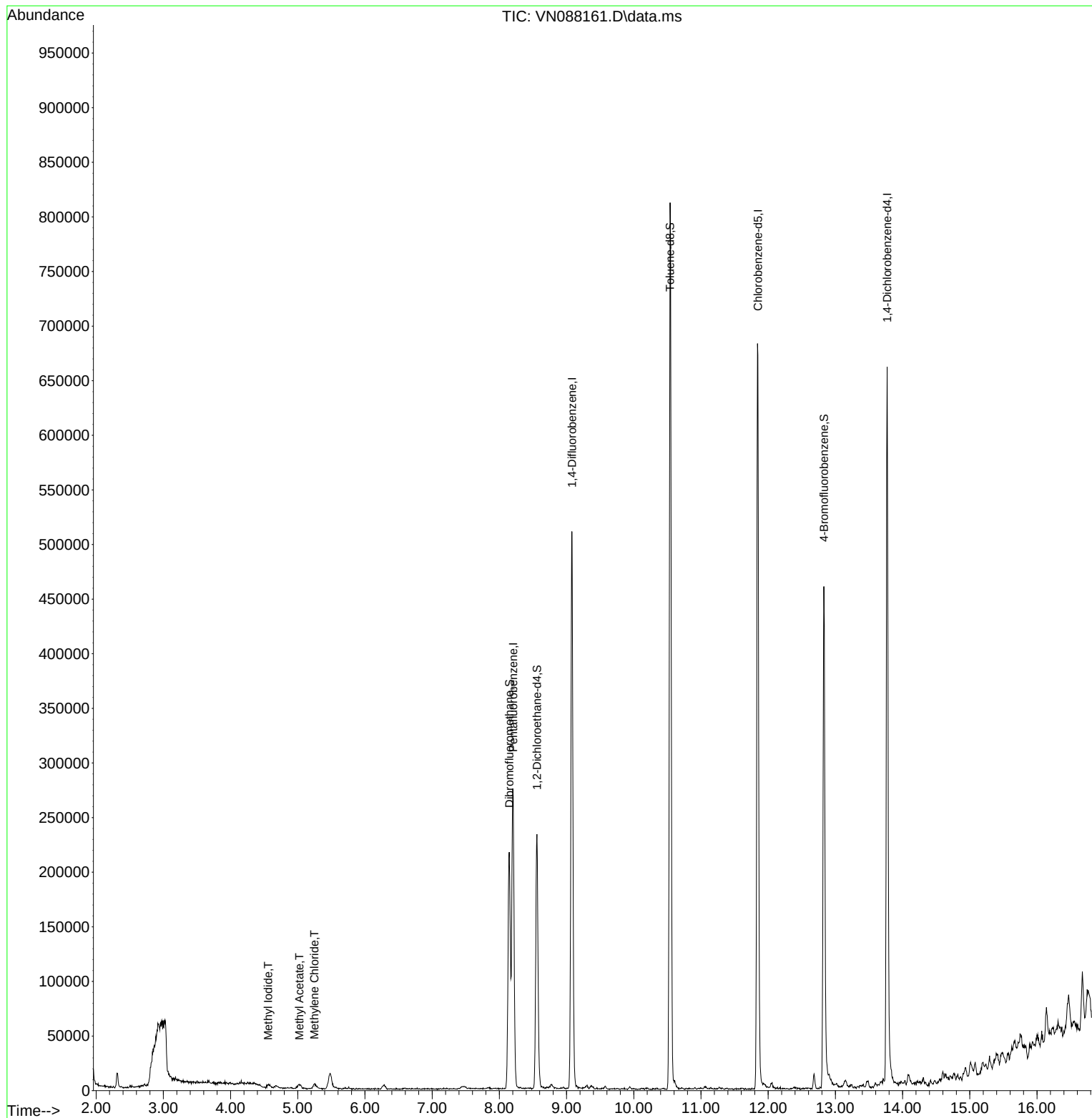
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102925\
Data File : VN088161.D
Acq On : 29 Oct 2025 15:28
Operator : JC\MD
Sample : Q3472-04
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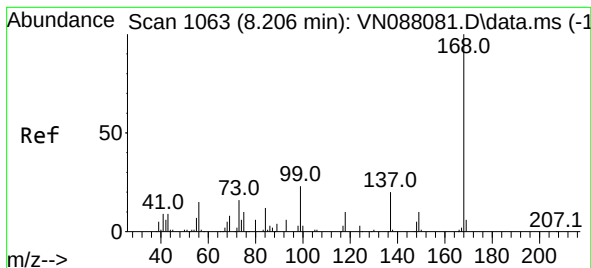
Instrument :
MSVOA_N
ClientSampleId :
COMP-1

Quant Time: Oct 30 04:08:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 25 00:15:22 2025
Response via : Initial Calibration

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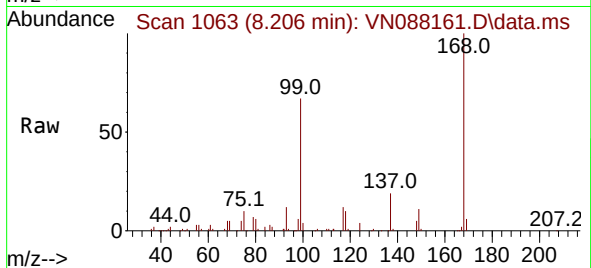
Reviewed By :Semsettin Yesilyurt 10/30/2025
Supervised By :Mahesh Dadoda 11/03/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088161.D
Acq: 29 Oct 2025 15:28

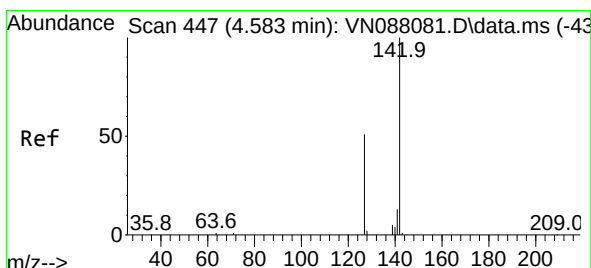
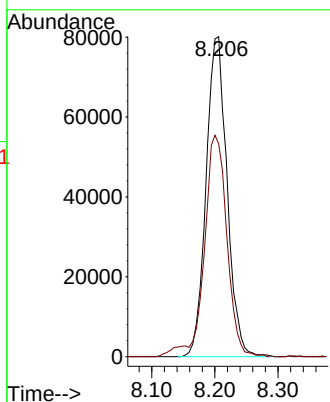
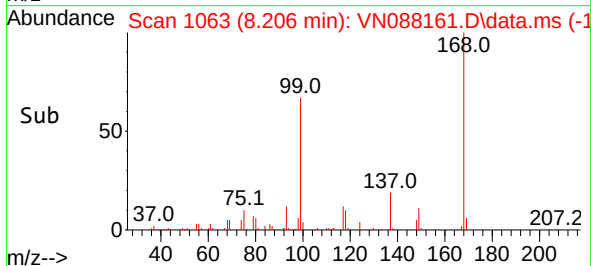
Instrument :
MSVOA_N
ClientSampleId :
COMP-1



Tgt Ion:168 Resp: 18485
Ion Ratio Lower Upper
168 100
99 66.5 57.2 85.8

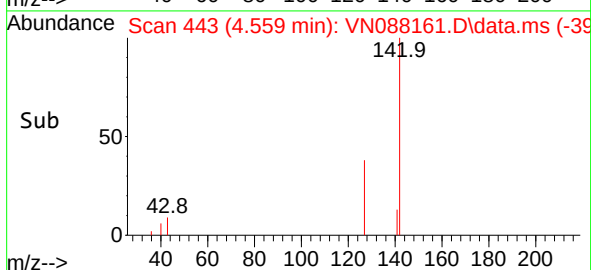
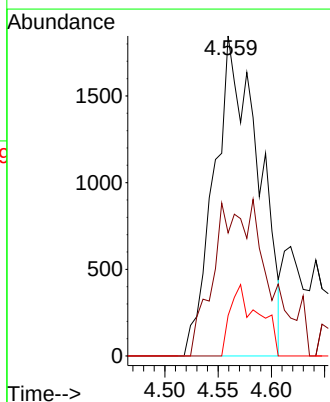
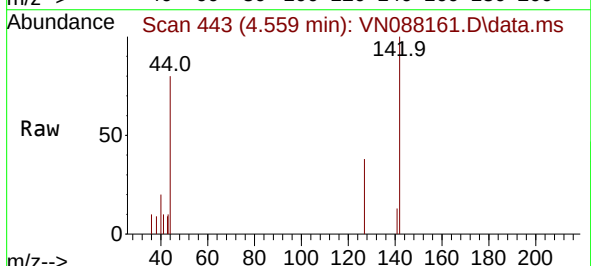
Manual Integrations
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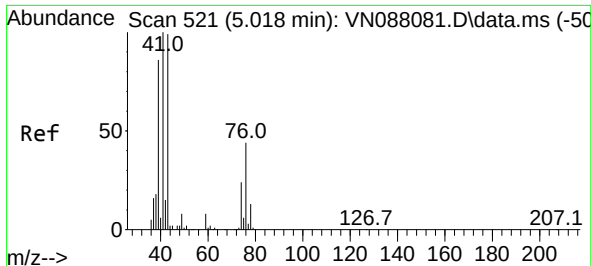
Reviewed By :Semsettin Yesilyurt 10/30/2025
Supervised By :Mahesh Dadoda 11/03/2025



#10
Methyl Iodide
Concen: 6.465 ug/l
RT: 4.559 min Scan# 443
Delta R.T. -0.018 min
Lab File: VN088161.D
Acq: 29 Oct 2025 15:28

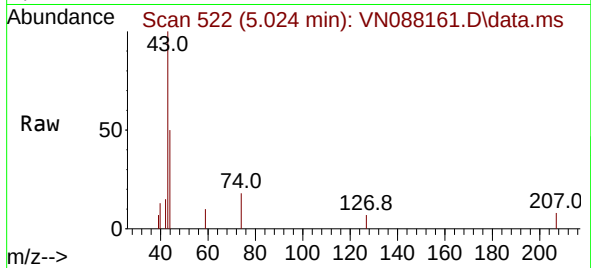
Tgt Ion:142 Resp: 5340
Ion Ratio Lower Upper
142 100
127 38.5 38.0 57.0
141 12.7 12.0 18.0





#18
Methyl Acetate
Concen: 2.773 ug/l
RT: 5.024 min Scan# 511
Delta R.T. 0.012 min
Lab File: VN088161.D
Acq: 29 Oct 2025 15:28

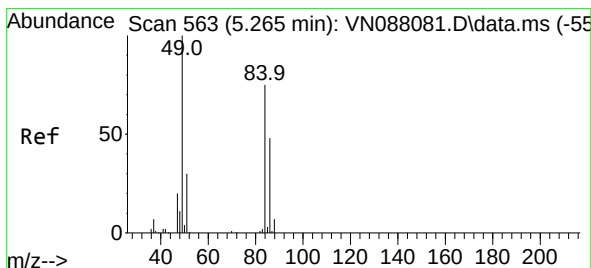
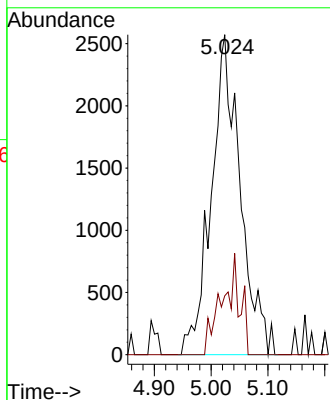
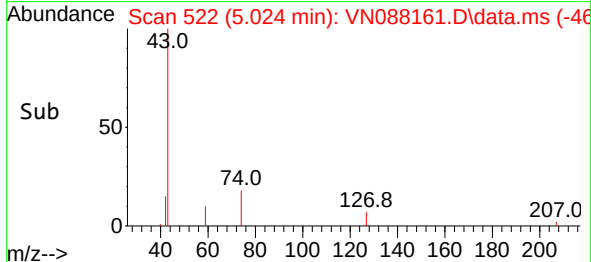
Instrument :
MSVOA_N
ClientSampleId :
COMP-1



Tgt Ion: 43 Resp: 911
Ion Ratio Lower Upper
43 100
74 19.2 17.6 26.4

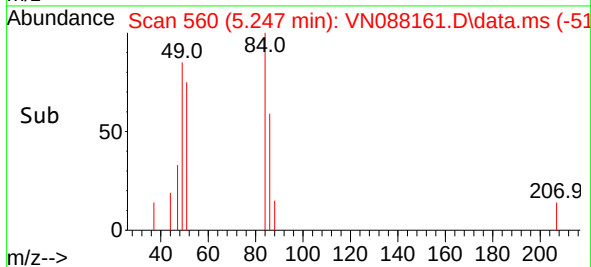
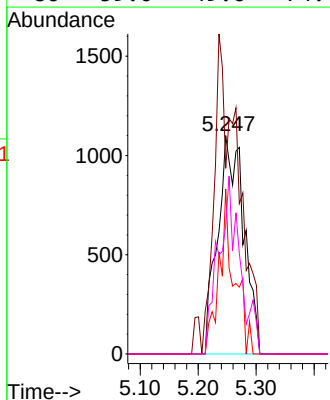
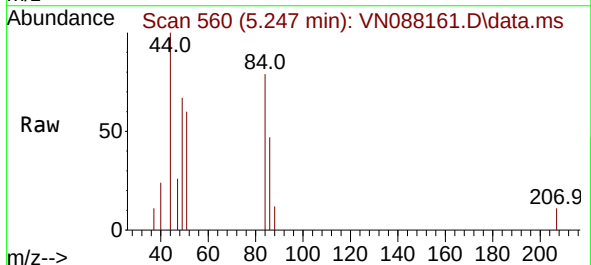
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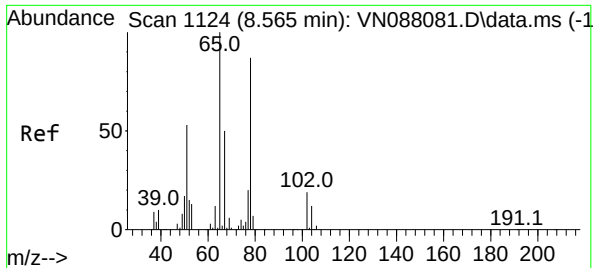
Reviewed By :Semsettin Yesilyurt 10/30/2025
Supervised By :Mahesh Dadoda 11/03/2025



#20
Methylene Chloride
Concen: 2.130 ug/l m
RT: 5.247 min Scan# 560
Delta R.T. -0.018 min
Lab File: VN088161.D
Acq: 29 Oct 2025 15:28

Tgt Ion: 84 Resp: 3445
Ion Ratio Lower Upper
84 100
49 85.0 103.4 155.2#
51 75.5 33.8 50.8#
86 59.0 49.6 74.4





#33

1,2-Dichloroethane-d4

Concen: 61.834 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088161.D

Acq: 29 Oct 2025 15:28

Instrument :

MSVOA_N

ClientSampleId :

COMP-1

Tgt Ion: 65 Resp: 19765

Ion Ratio Lower Upper

65 100

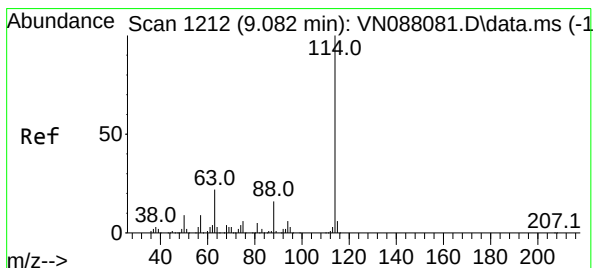
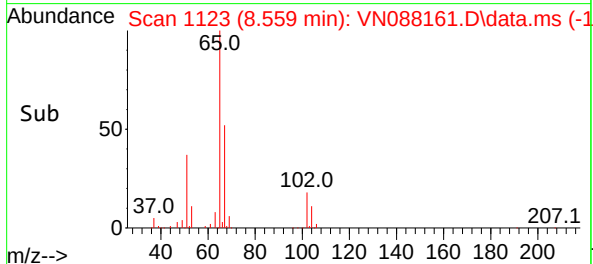
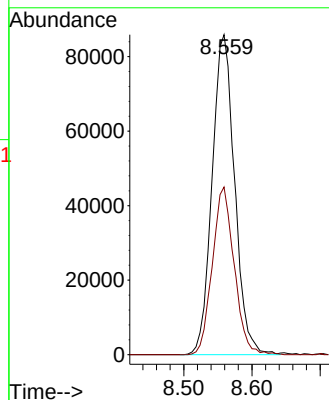
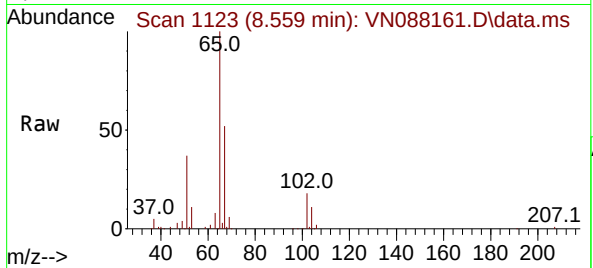
67 50.8 0.0 100.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088161.D

Acq: 29 Oct 2025 15:28

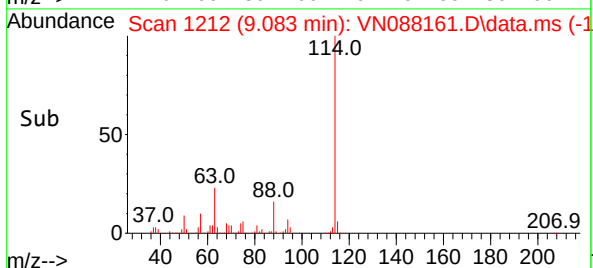
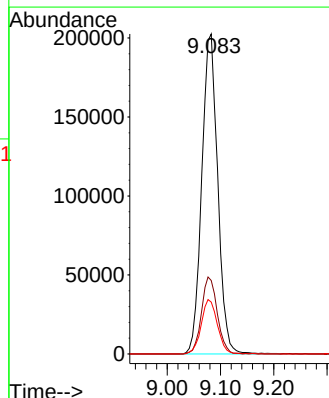
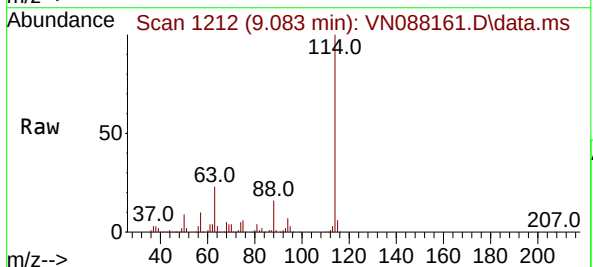
Tgt Ion:114 Resp: 420673

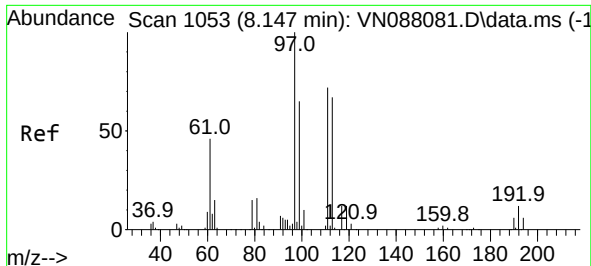
Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.2

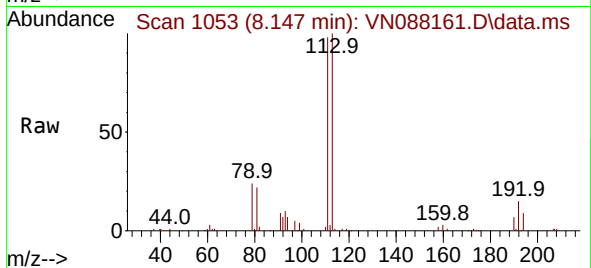
88 16.2 0.0 33.4





#35
Dibromofluoromethane
Concen: 53.611 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088161.D
Acq: 29 Oct 2025 15:28

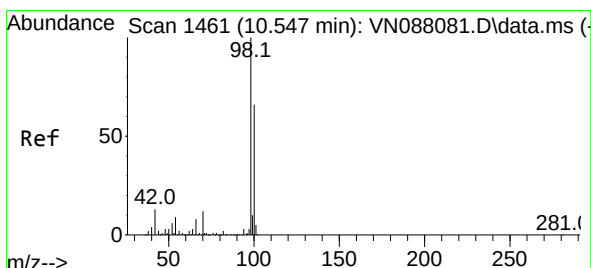
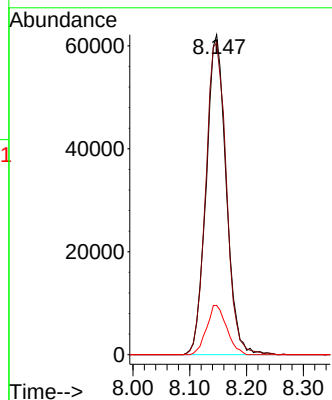
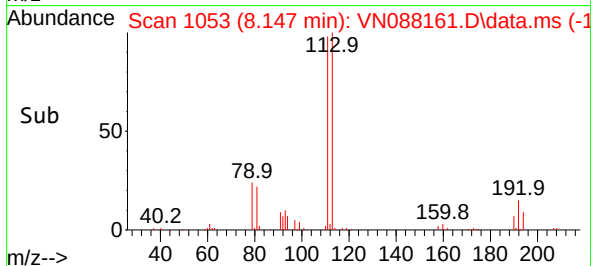
Instrument :
MSVOA_N
ClientSampleId :
COMP-1



Tgt Ion:113 Resp: 15151
Ion Ratio Lower Upper
113 100
111 100.5 82.8 124.2
192 15.5 12.8 19.2

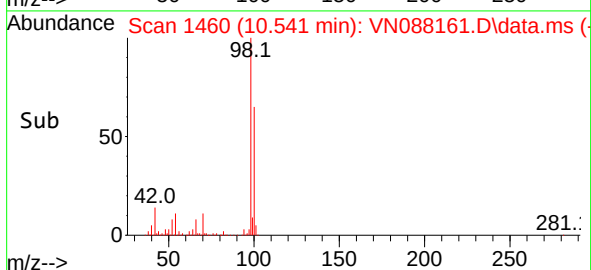
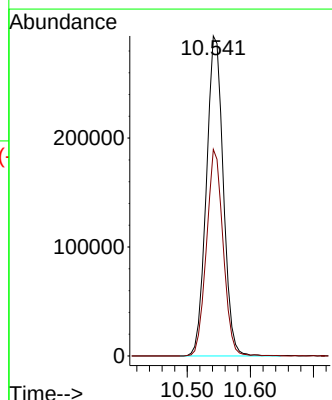
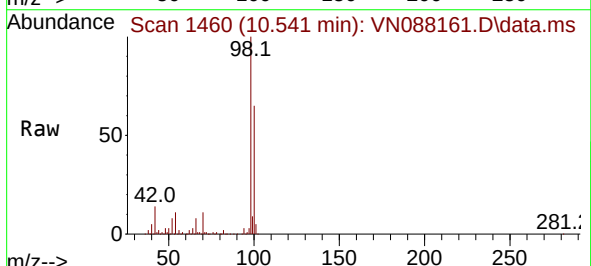
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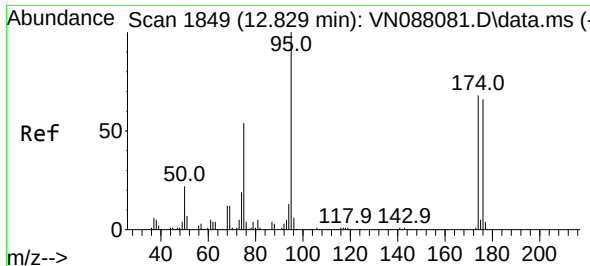
Reviewed By :Semsettin Yesilyurt 10/30/2025
Supervised By :Mahesh Dadoda 11/03/2025



#50
Toluene-d8
Concen: 50.189 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088161.D
Acq: 29 Oct 2025 15:28

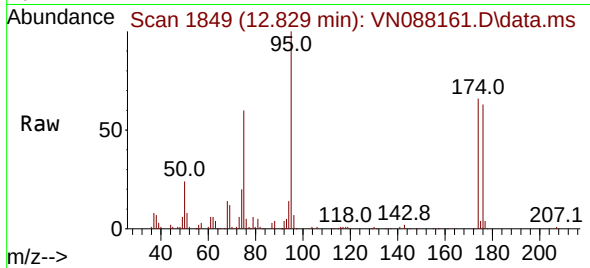
Tgt Ion: 98 Resp: 546529
Ion Ratio Lower Upper
98 100
100 63.4 52.8 79.2





#62
4-Bromofluorobenzene
Concen: 45.859 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088161.D
Acq: 29 Oct 2025 15:28

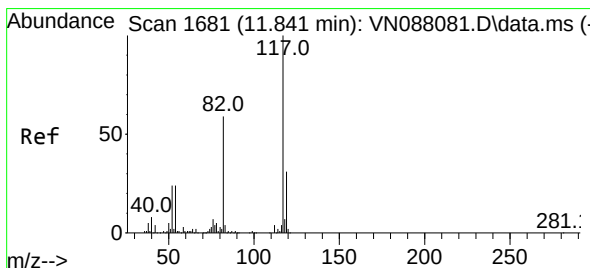
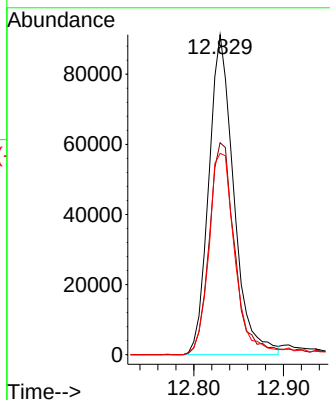
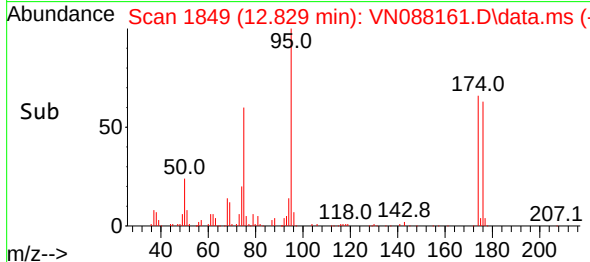
Instrument :
MSVOA_N
ClientSampleId :
COMP-1



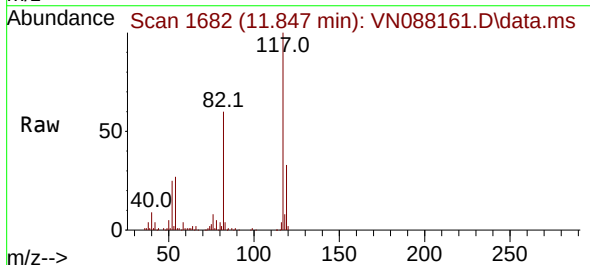
Tgt Ion: 95 Resp: 17636
Ion Ratio Lower Upper
95 100
174 69.1 0.0 138.4
176 68.3 0.0 132.6

Manual Integrations
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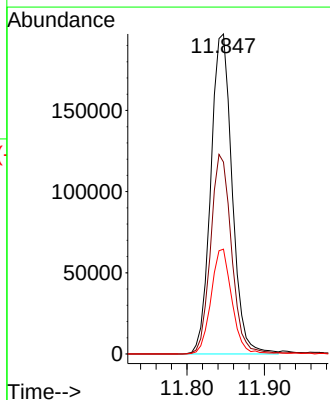
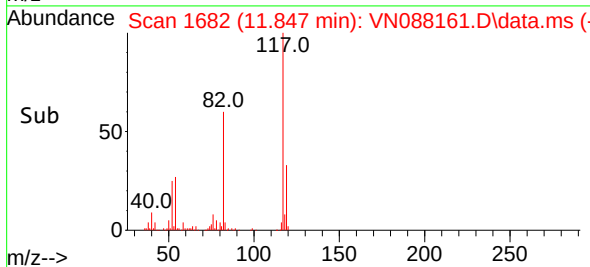
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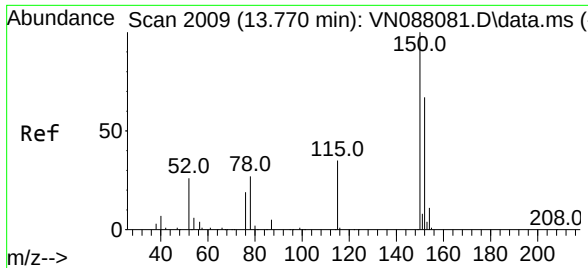


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN088161.D
Acq: 29 Oct 2025 15:28



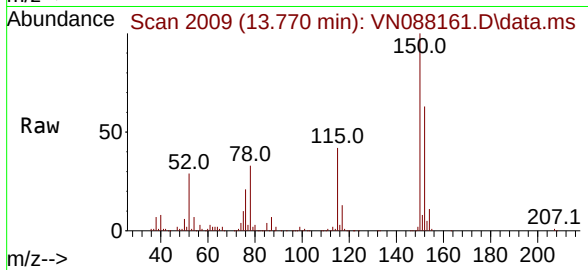
Tgt Ion:117 Resp: 377147
Ion Ratio Lower Upper
117 100
82 59.9 47.4 71.2
119 32.7 24.3 36.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN088161.D
 Acq: 29 Oct 2025 15:28

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-1



Tgt Ion:152 Resp: 17259
 Ion Ratio Lower Upper
 152 100
 115 66.8 32.3 96.8
 150 160.1 0.0 351.0

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