

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102925\
 Data File : VN088165.D
 Acq On : 29 Oct 2025 16:50
 Operator : JC\MD
 Sample : Q3472-08
 Misc : 1.20g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-3

Manual Integrations
 APPROVED

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

Quant Time: Oct 30 04:10:10 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

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

Internal Standards						
1) Pentafluorobenzene	8.200	168	242351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.077	114	545301	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	521738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	255278	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	269276	64.255	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 128.500%#			
35) Dibromofluoromethane	8.147	113	188693	51.508	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.020%			
50) Toluene-d8	10.547	98	706716	50.066	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.140%			
62) 4-Bromofluorobenzene	12.829	95	265420	53.243	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.480%			
Target Compounds						
20) Methylene Chloride	5.241	84	3503m	1.825	ug/l	
84) 1,2,4-Trimethylbenzene	13.459	105	33445	2.044	ug/l	99

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

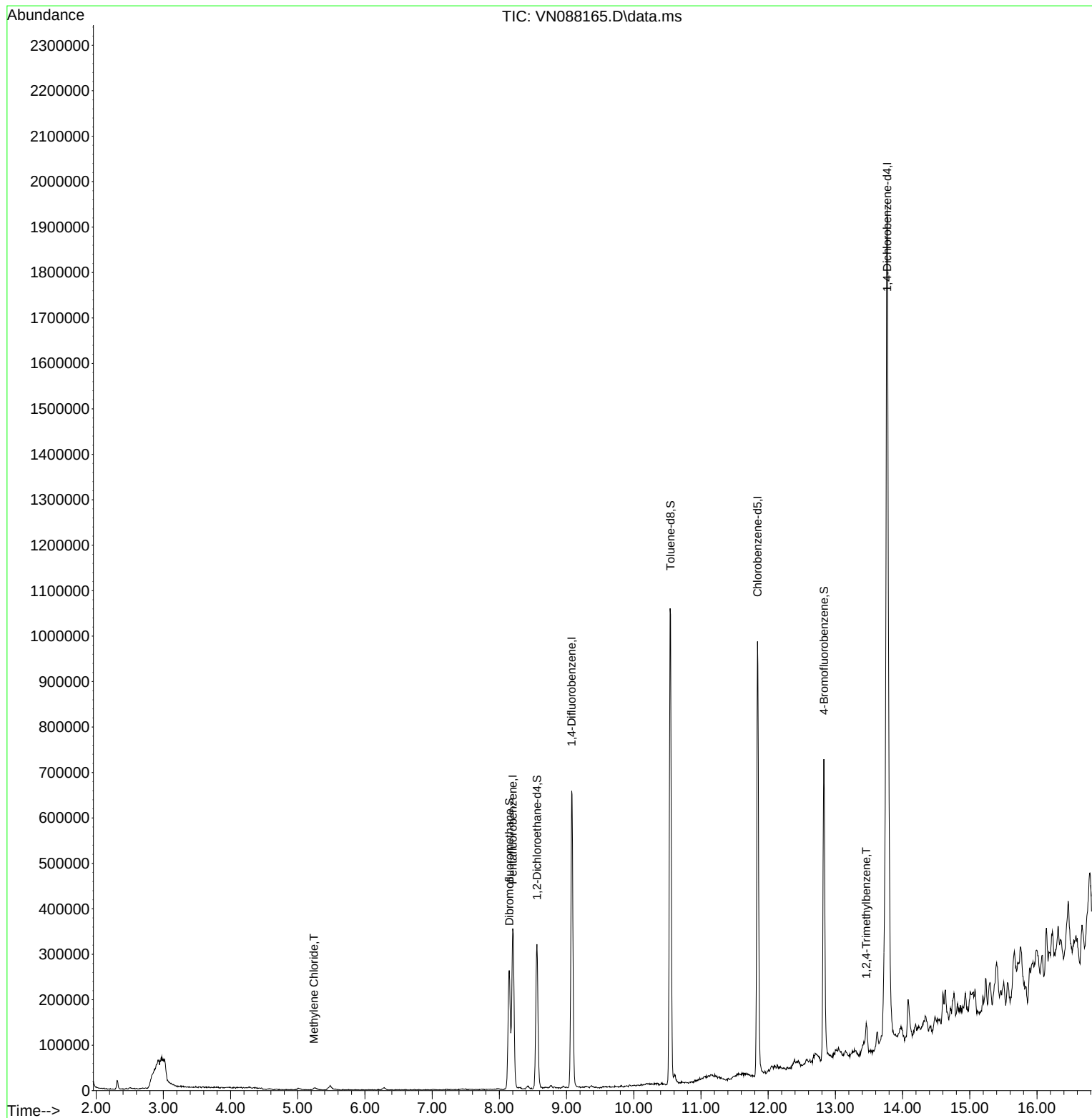
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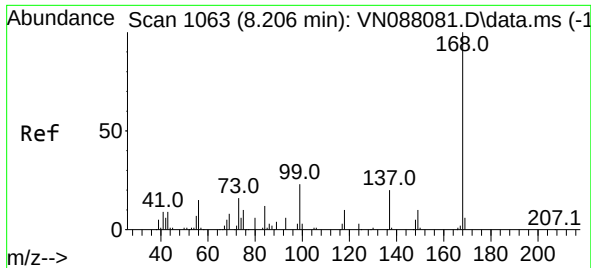
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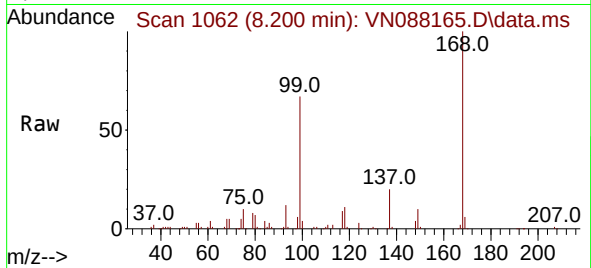
Reviewed By :Semsettin Yesilyurt 10/30/2025
Supervised By :Mahesh Dadoda 11/03/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.200 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VN088165.D
Acq: 29 Oct 2025 16:50

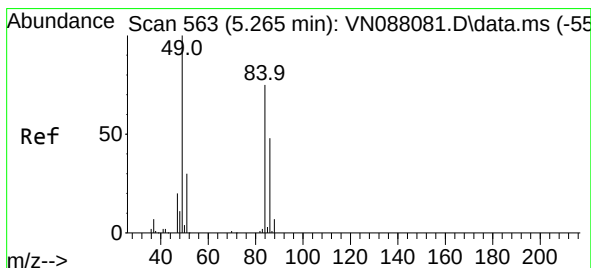
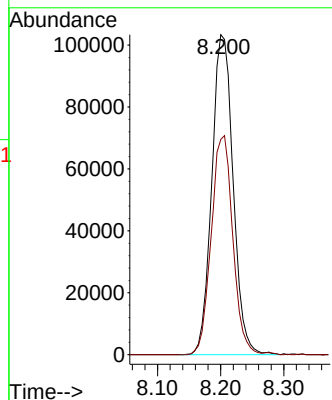
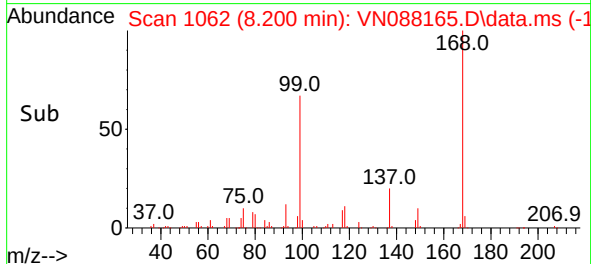
Instrument :
MSVOA_N
ClientSampleId :
COMP-3



Tgt Ion:168 Resp: 24235
Ion Ratio Lower Upper
168 100
99 67.3 57.2 85.8

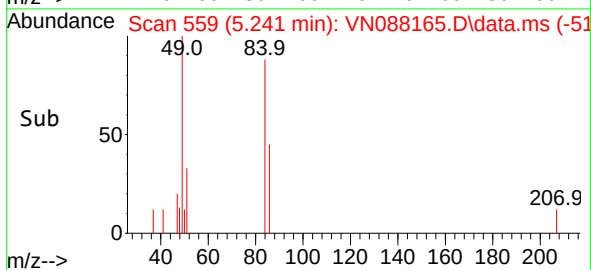
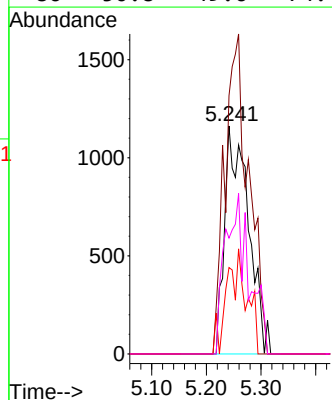
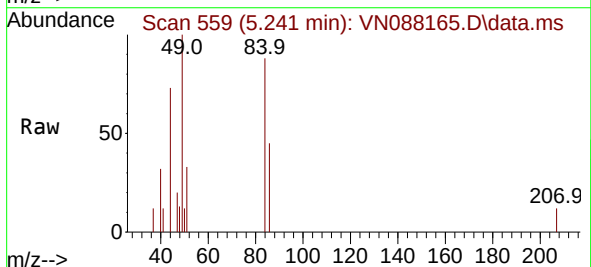
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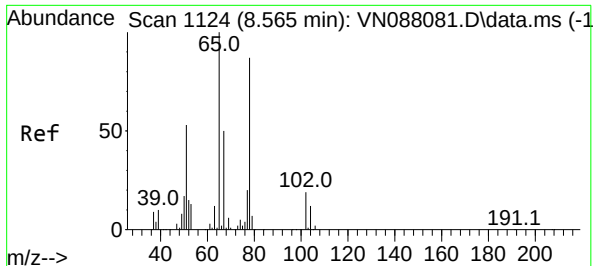
Reviewed By :Semsettin Yesilyurt 10/30/2025
Supervised By :Mahesh Dadoda 11/03/2025



#20
Methylene Chloride
Concen: 1.825 ug/l m
RT: 5.241 min Scan# 559
Delta R.T. -0.024 min
Lab File: VN088165.D
Acq: 29 Oct 2025 16:50

Tgt Ion: 84 Resp: 3503
Ion Ratio Lower Upper
84 100
49 113.3 103.4 155.2
51 37.9 33.8 50.8
86 50.8 49.6 74.4





#33

1,2-Dichloroethane-d4

Concen: 64.255 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088165.D

Acq: 29 Oct 2025 16:50

Instrument :

MSVOA_N

ClientSampleId :

COMP-3

Tgt Ion: 65 Resp: 269270

Ion Ratio Lower Upper

65 100

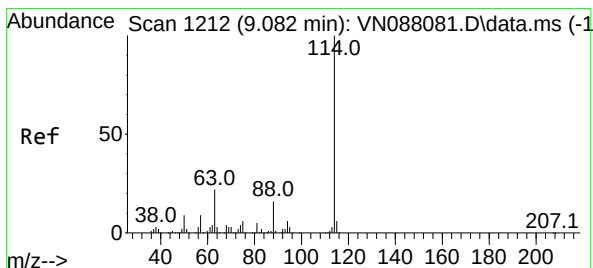
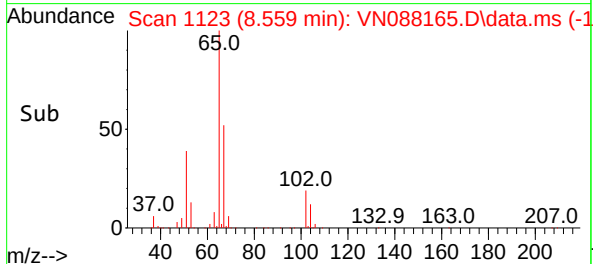
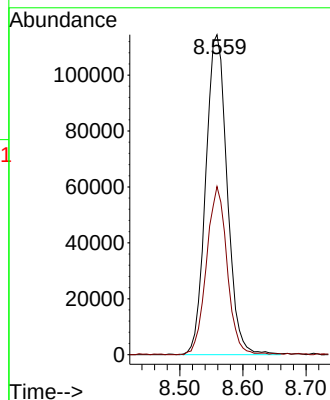
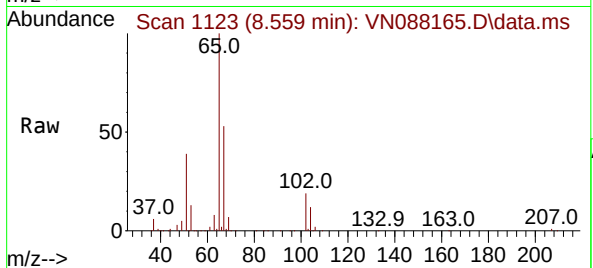
67 50.9 0.0 100.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.077 min Scan# 1211

Delta R.T. -0.006 min

Lab File: VN088165.D

Acq: 29 Oct 2025 16:50

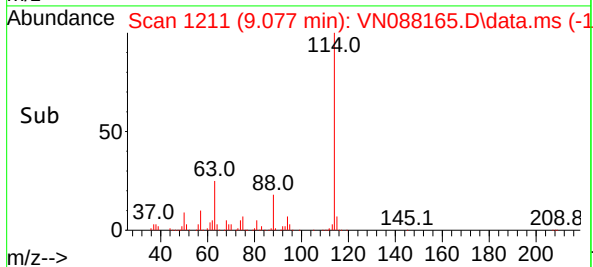
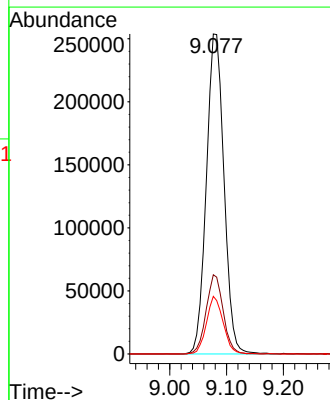
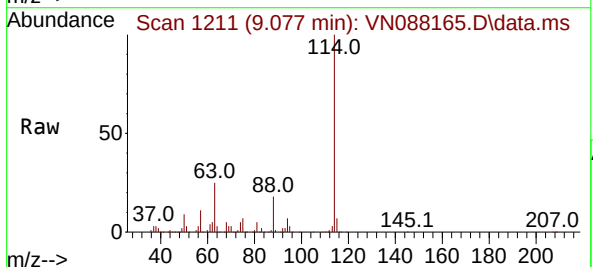
Tgt Ion:114 Resp: 545301

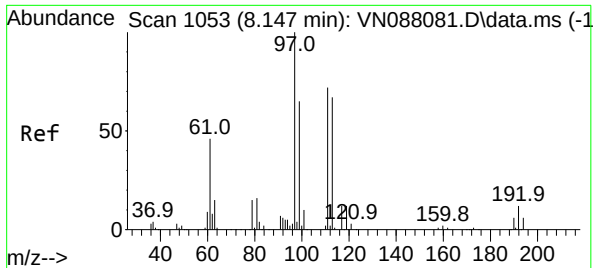
Ion Ratio Lower Upper

114 100

63 24.8 0.0 45.2

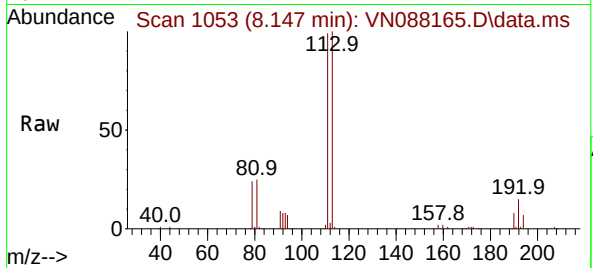
88 18.0 0.0 33.4





#35
Dibromofluoromethane
Concen: 51.508 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088165.D
Acq: 29 Oct 2025 16:50

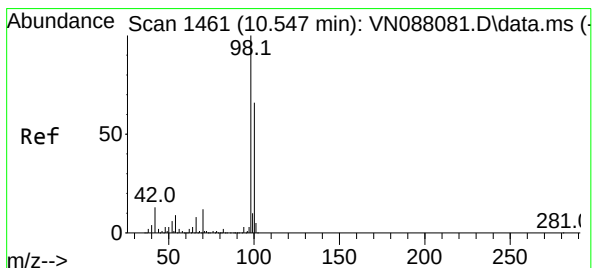
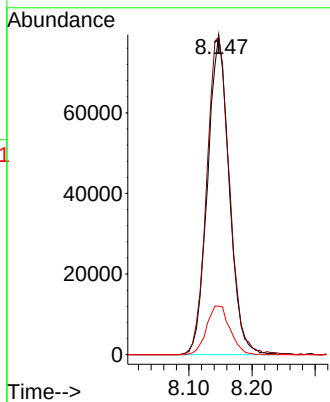
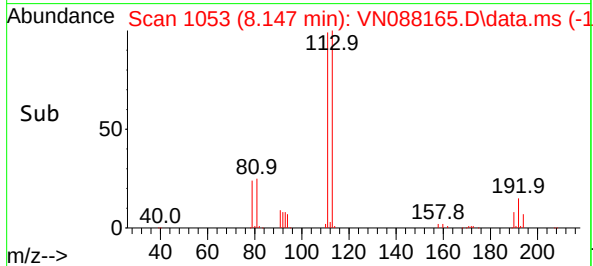
Instrument :
MSVOA_N
ClientSampleId :
COMP-3



Tgt Ion:113 Resp: 18869
Ion Ratio Lower Upper
113 100
111 104.4 82.8 124.2
192 16.4 12.8 19.2

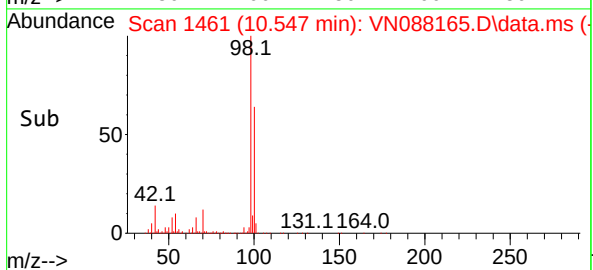
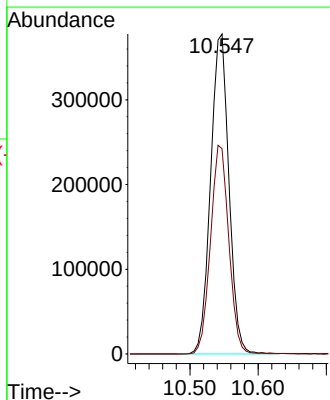
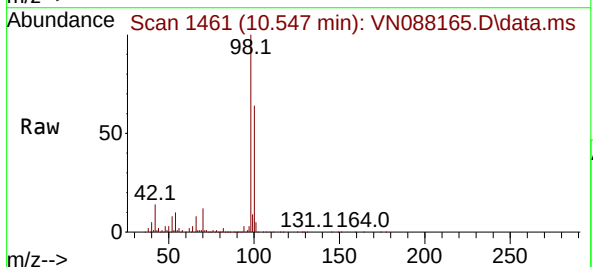
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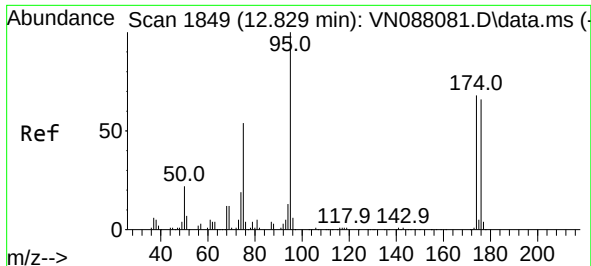
Reviewed By :Semsettin Yesilyurt 10/30/2025
Supervised By :Mahesh Dadoda 11/03/2025



#50
Toluene-d8
Concen: 50.066 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN088165.D
Acq: 29 Oct 2025 16:50

Tgt Ion: 98 Resp: 706716
Ion Ratio Lower Upper
98 100
100 65.1 52.8 79.2





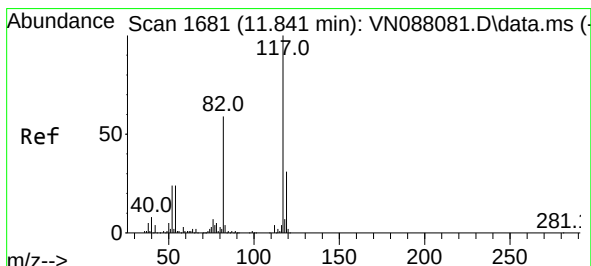
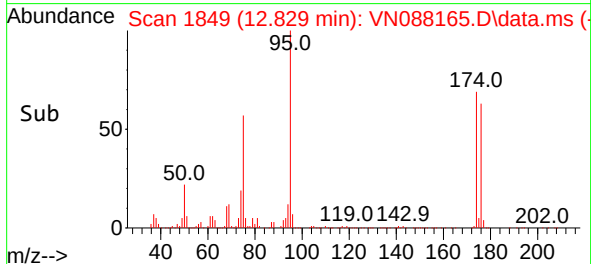
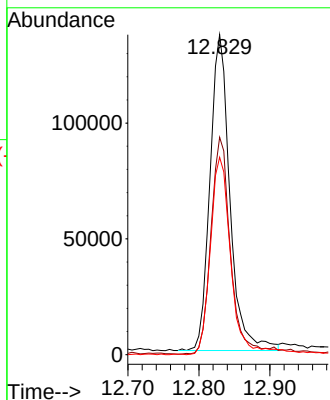
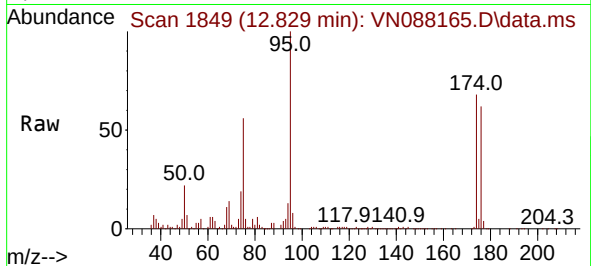
#62
4-Bromofluorobenzene
Concen: 53.243 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088165.D
Acq: 29 Oct 2025 16:50

Instrument :
MSVOA_N
ClientSampleId :
COMP-3

Tgt Ion: 95 Resp: 265420
Ion Ratio Lower Upper
95 100
174 67.9 0.0 138.4
176 65.8 0.0 132.6

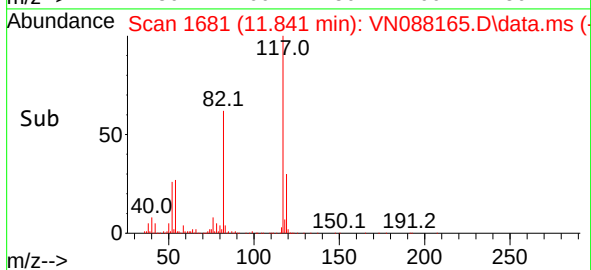
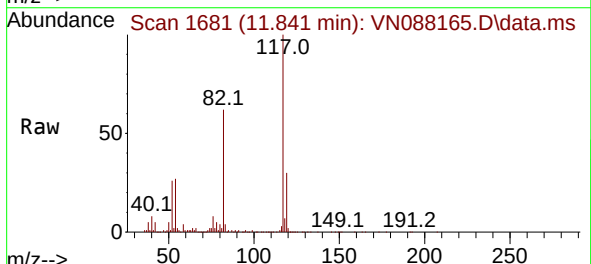
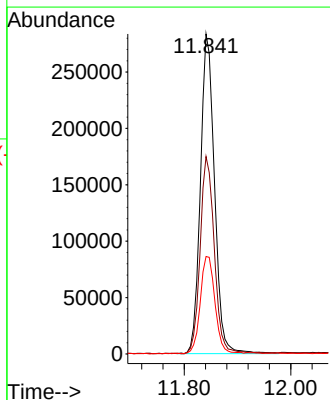
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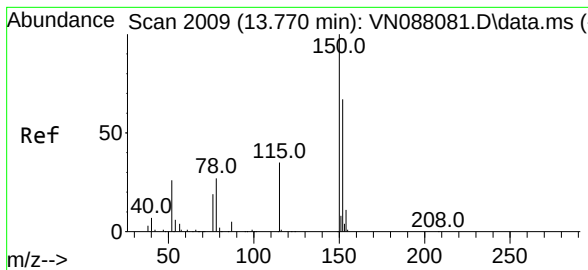
Reviewed By :Semsettin Yesilyurt 10/30/2025
Supervised By :Mahesh Dadoda 11/03/2025



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN088165.D
Acq: 29 Oct 2025 16:50

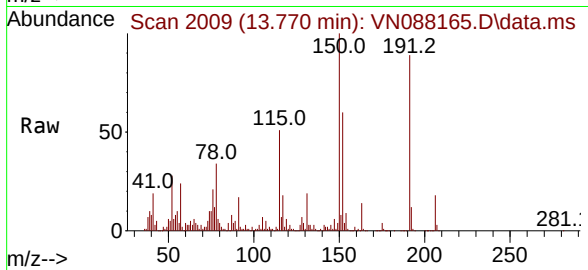
Tgt Ion:117 Resp: 521738
Ion Ratio Lower Upper
117 100
82 61.5 47.4 71.2
119 30.3 24.3 36.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 2009
 Delta R.T. 0.006 min
 Lab File: VN088165.D
 Acq: 29 Oct 2025 16:50

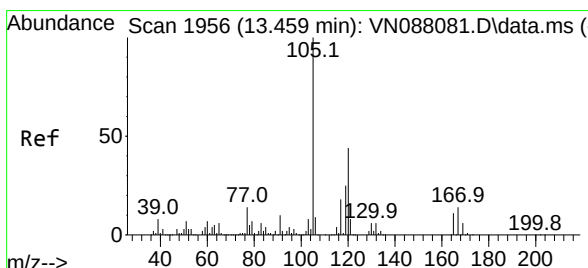
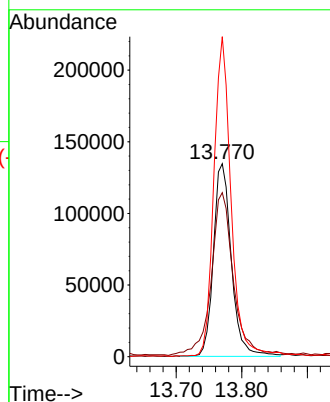
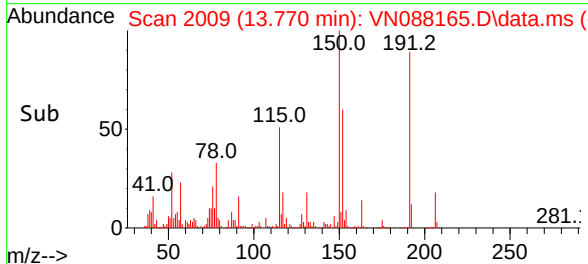
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-3



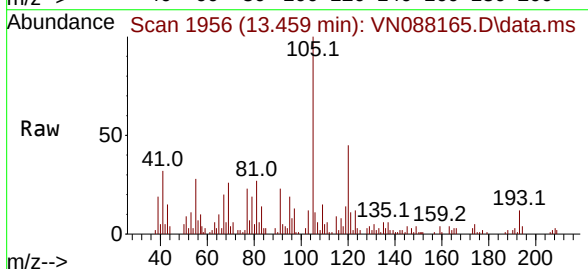
Tgt Ion:152 Resp: 255278
 Ion Ratio Lower Upper
 152 100
 115 104.4 32.3 96.8
 150 160.2 0.0 351.0

Manual Integrations
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#84
 1,2,4-Trimethylbenzene
 Concen: 2.044 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.000 min
 Lab File: VN088165.D
 Acq: 29 Oct 2025 16:50



Tgt Ion:105 Resp: 33445
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.0 66.0

