

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061725\
 Data File : VN087062.D
 Acq On : 17 Jun 2025 16:08
 Operator : JC\MD
 Sample : Q2325-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-8

Quant Time: Jun 18 01:50:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
 Supervised By :Mahesh Dadoda 06/18/2025

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	213204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	426288	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	386654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	182982	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	149560	52.393	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.780%			
35) Dibromofluoromethane	8.177	113	129005	51.065	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.140%			
50) Toluene-d8	10.565	98	525453	52.541	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.080%			
62) 4-Bromofluorobenzene	12.847	95	186473	50.186	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.380%			
Target Compounds						Qvalue
16) Acetone	4.447	43	73852	48.786	ug/l	99
18) Methyl Acetate	5.059	43	25318	5.739	ug/l	98
20) Methylene Chloride	5.294	84	13828	4.879	ug/l	92
25) 2-Butanone	7.494	43	18387	7.472	ug/l	89
30) Chloroform	7.971	83	6999	1.468	ug/l	96
37) Ethyl Acetate	7.571	43	17909m	3.737	ug/l	
40) Benzene	8.612	78	579781	47.099	ug/l	99
43) Isopropyl Acetate	8.694	43	11072	1.440	ug/l	94

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

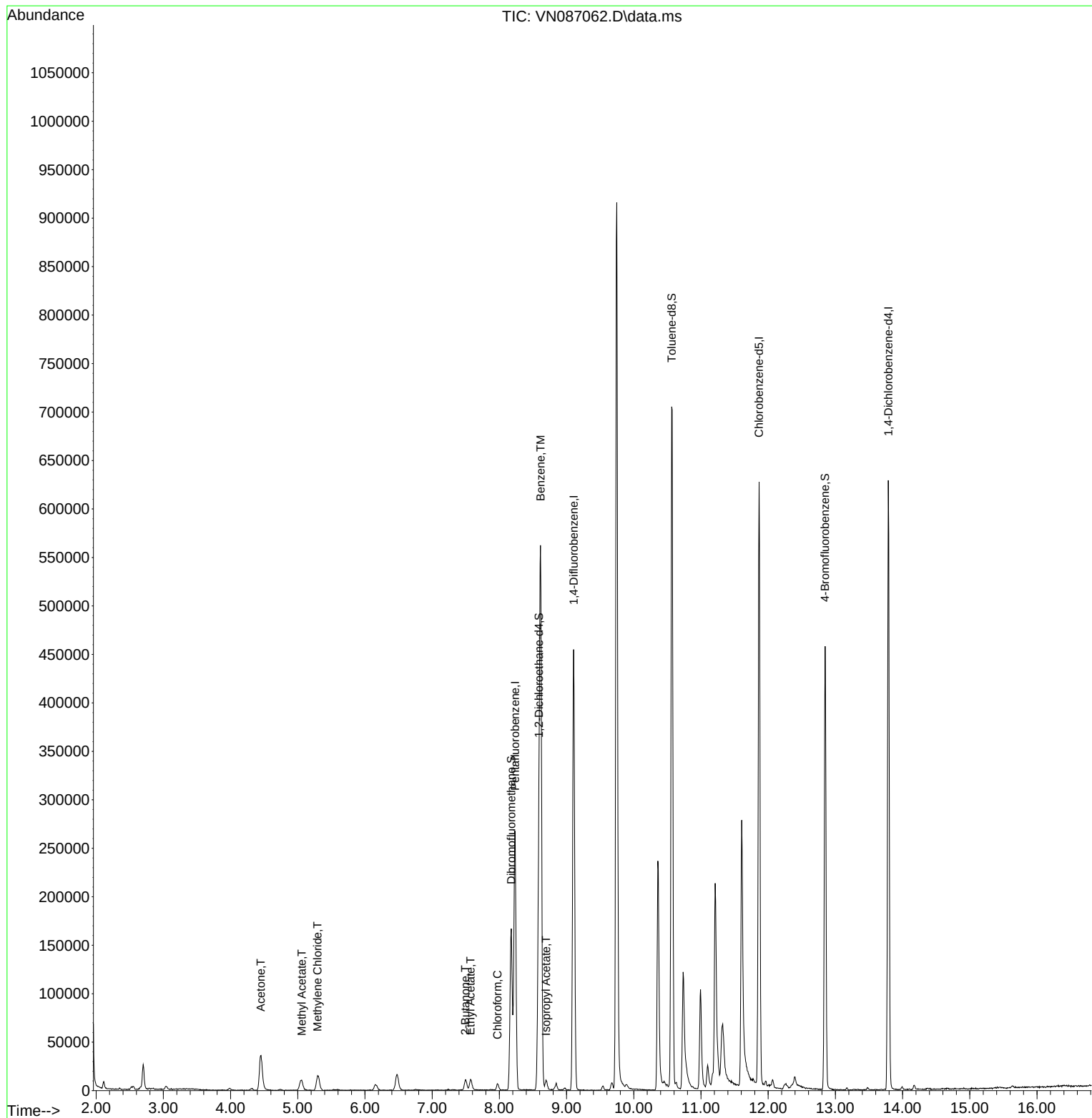
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061725\
Data File : VN087062.D
Acq On : 17 Jun 2025 16:08
Operator : JC\MD
Sample : Q2325-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

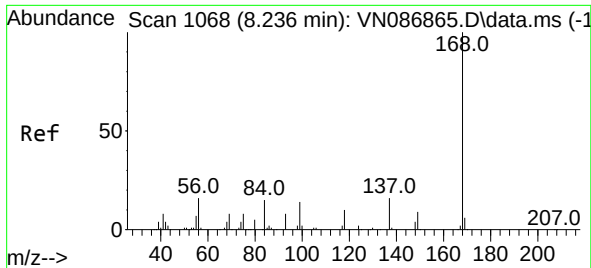
Instrument :
MSVOA_N
ClientSampleId :
TP-8

Quant Time: Jun 18 01:50:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

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Supervised By :Mahesh Dadoda 06/18/2025





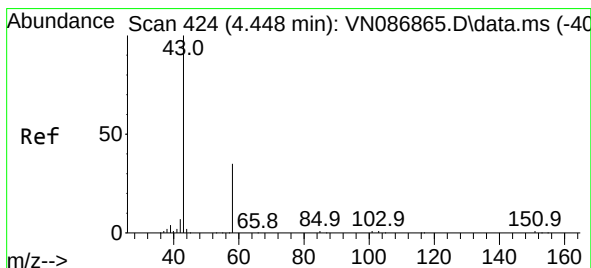
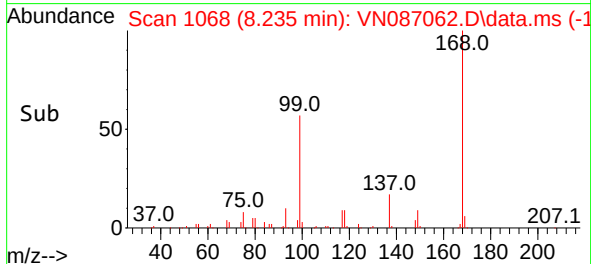
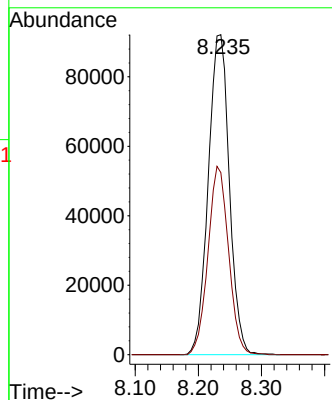
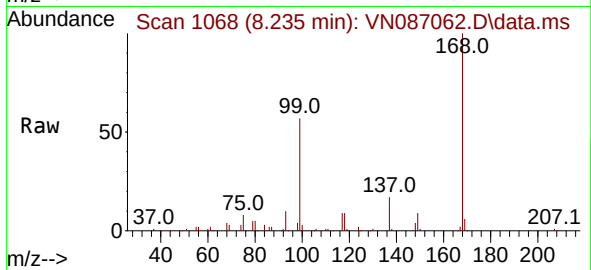
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.001 min
Lab File: VN087062.D
Acq: 17 Jun 2025 16:08

Instrument :
MSVOA_N
ClientSampleId :
TP-8

Tgt Ion:168 Resp: 213204
Ion Ratio Lower Upper
168 100
99 56.9 49.1 73.7

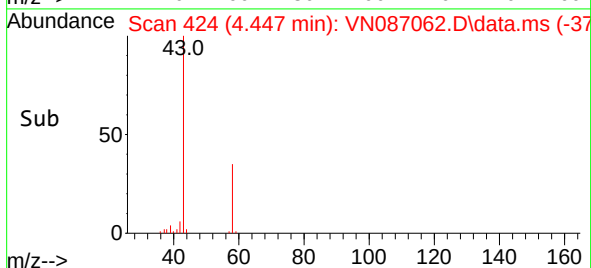
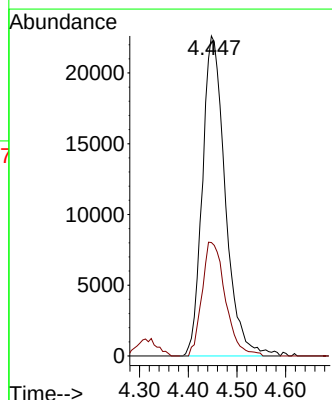
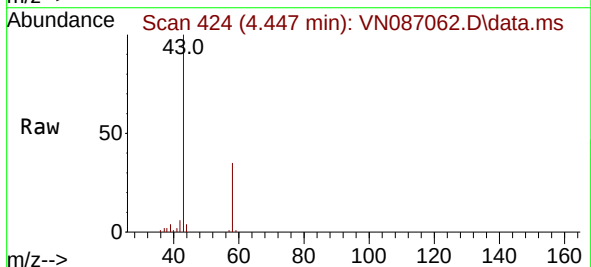
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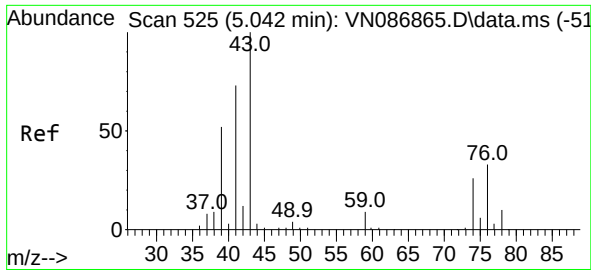
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#16
Acetone
Concen: 48.786 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN087062.D
Acq: 17 Jun 2025 16:08

Tgt Ion: 43 Resp: 73852
Ion Ratio Lower Upper
43 100
58 35.4 28.0 42.0





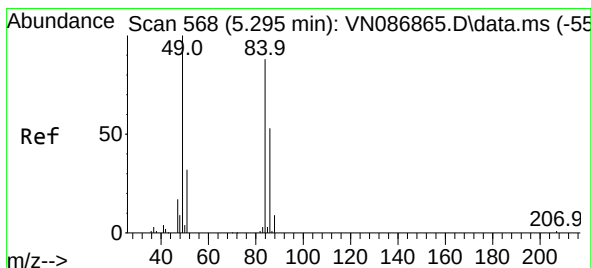
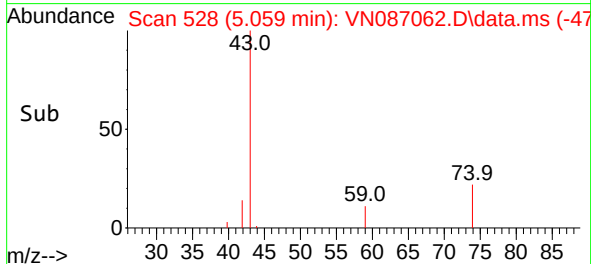
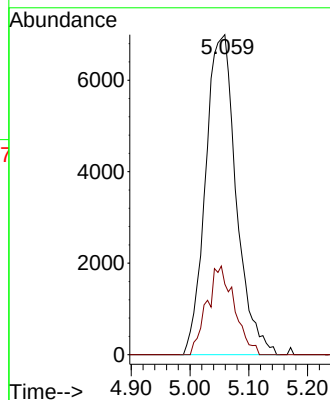
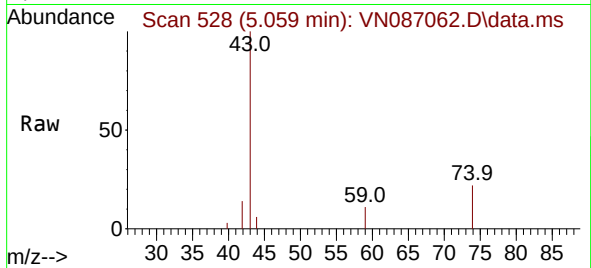
#18
Methyl Acetate
Concen: 5.739 ug/l
RT: 5.059 min Scan# 518
Delta R.T. 0.018 min
Lab File: VN087062.D
Acq: 17 Jun 2025 16:08

Instrument :
MSVOA_N
ClientSampleId :
TP-8

Tgt Ion: 43 Resp: 25318
Ion Ratio Lower Upper
43 100
74 24.8 20.7 31.1

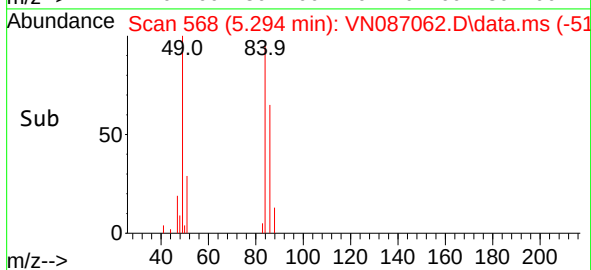
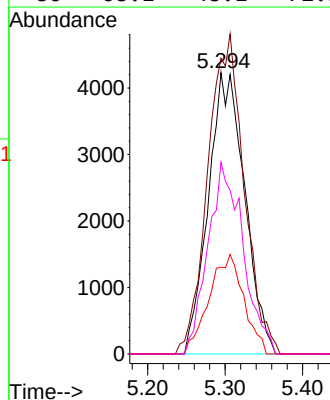
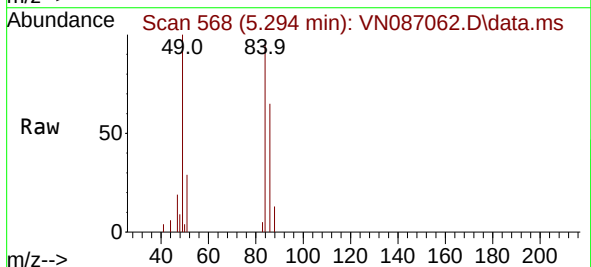
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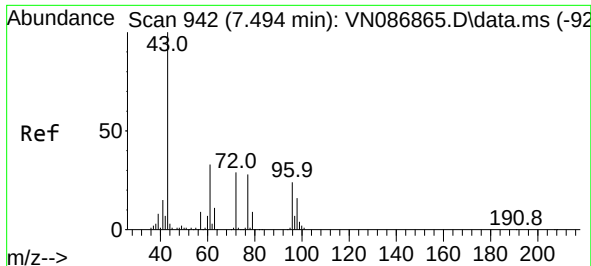
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#20
Methylene Chloride
Concen: 4.879 ug/l
RT: 5.294 min Scan# 568
Delta R.T. -0.000 min
Lab File: VN087062.D
Acq: 17 Jun 2025 16:08

Tgt Ion: 84 Resp: 13828
Ion Ratio Lower Upper
84 100
49 105.2 90.5 135.7
51 30.8 28.5 42.7
86 68.1 48.1 72.1





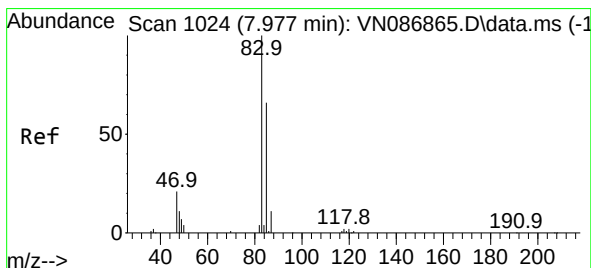
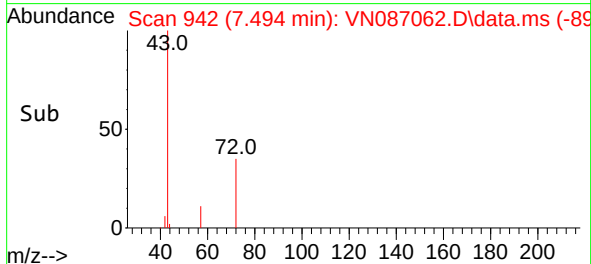
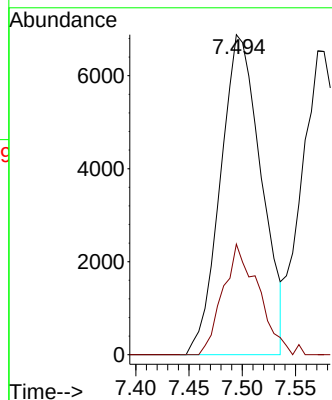
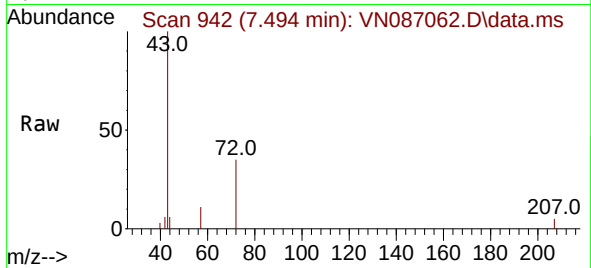
#25
2-Butanone
Concen: 7.472 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN087062.D
Acq: 17 Jun 2025 16:08

Instrument :
MSVOA_N
ClientSampleId :
TP-8

Tgt Ion: 43 Resp: 1838
Ion Ratio Lower Upper
43 100
72 34.5 23.0 34.6

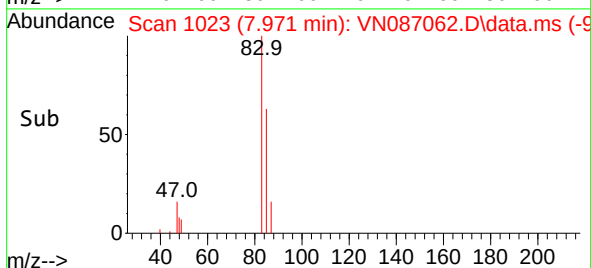
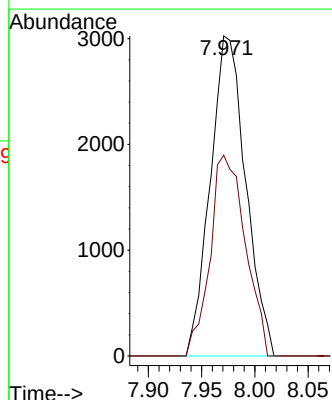
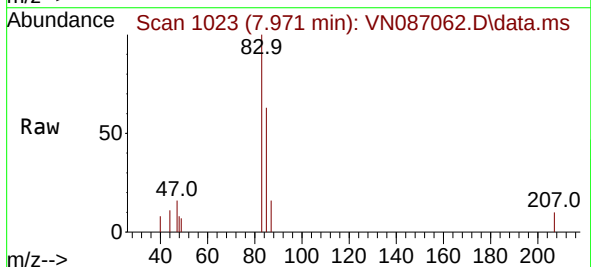
Manual Integrations
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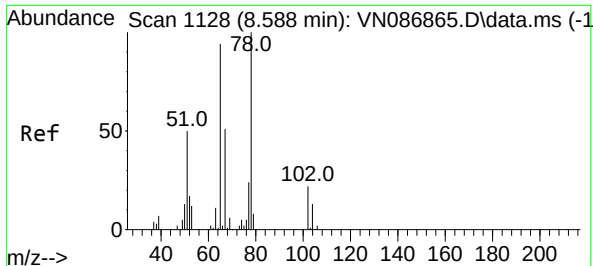
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#30
Chloroform
Concen: 1.468 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.006 min
Lab File: VN087062.D
Acq: 17 Jun 2025 16:08

Tgt Ion: 83 Resp: 6999
Ion Ratio Lower Upper
83 100
85 62.7 52.9 79.3





#33

1,2-Dichloroethane-d4

Concen: 52.393 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087062.D

Acq: 17 Jun 2025 16:08

Instrument :

MSVOA_N

ClientSampleId :

TP-8

Tgt Ion: 65 Resp: 149560

Ion Ratio Lower Upper

65 100

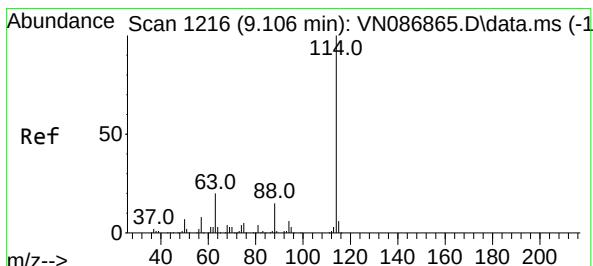
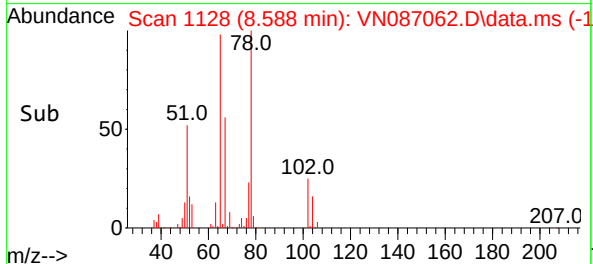
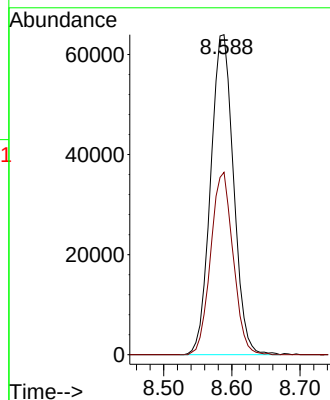
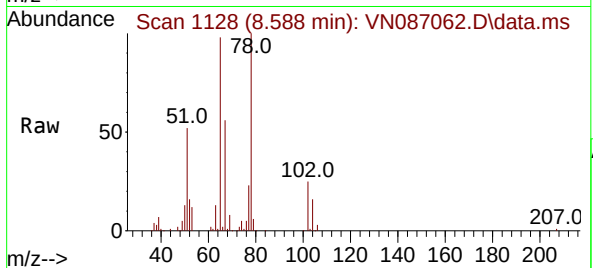
67 55.8 0.0 105.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/18/2025

Supervised By :Mahesh Dadoda 06/18/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087062.D

Acq: 17 Jun 2025 16:08

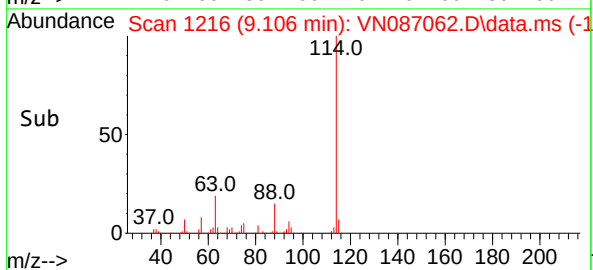
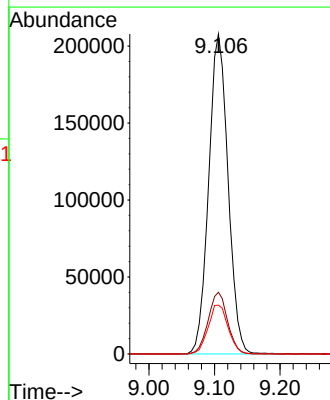
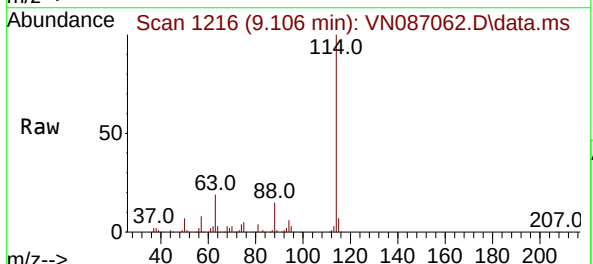
Tgt Ion:114 Resp: 426288

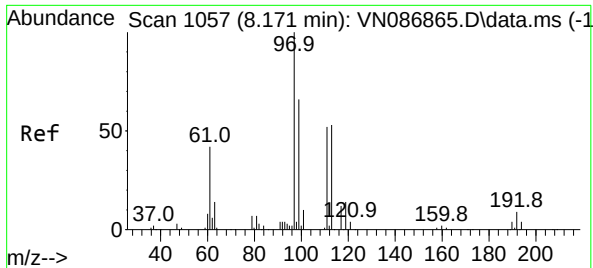
Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.6

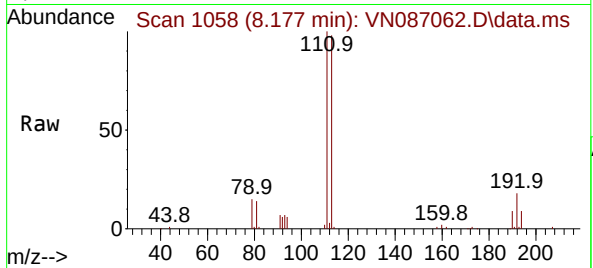
88 15.3 0.0 30.2





#35
Dibromofluoromethane
Concen: 51.065 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN087062.D
Acq: 17 Jun 2025 16:08

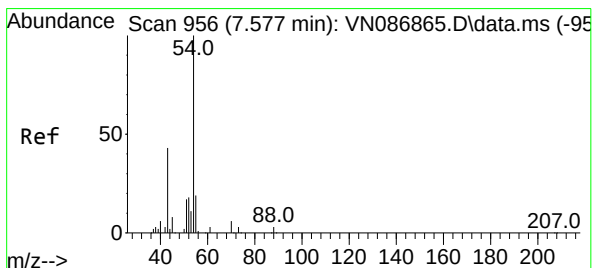
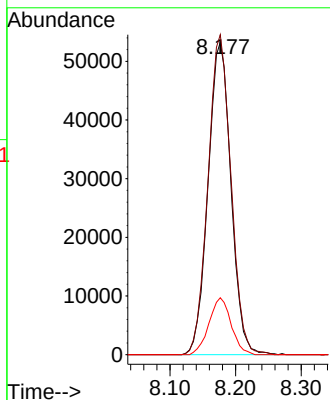
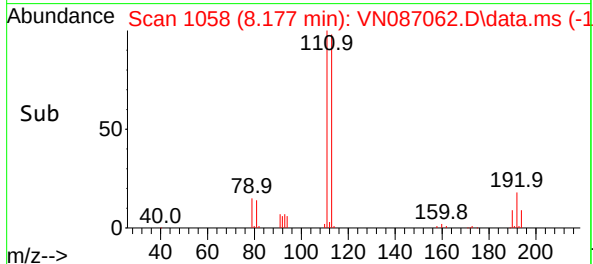
Instrument :
MSVOA_N
ClientSampleId :
TP-8



Tgt Ion: 113 Resp: 12900
Ion Ratio Lower Upper
113 100
111 102.8 84.2 126.2
192 17.7 14.2 21.4

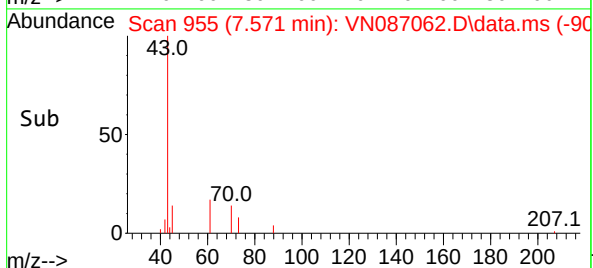
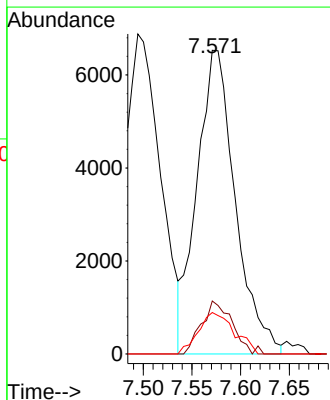
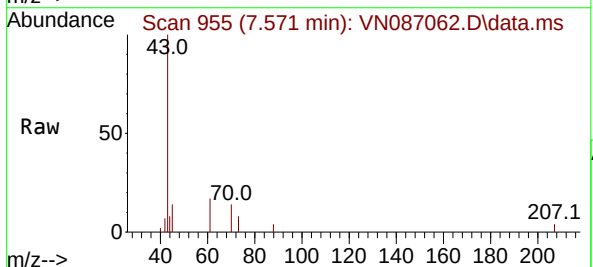
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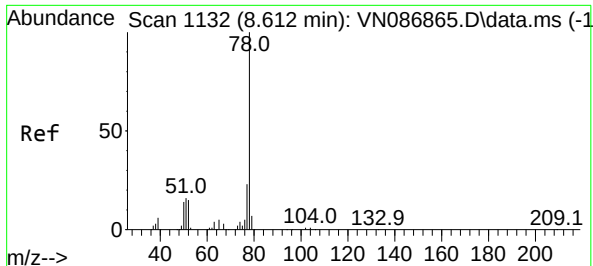
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#37
Ethyl Acetate
Concen: 3.737 ug/l m
RT: 7.571 min Scan# 955
Delta R.T. -0.006 min
Lab File: VN087062.D
Acq: 17 Jun 2025 16:08

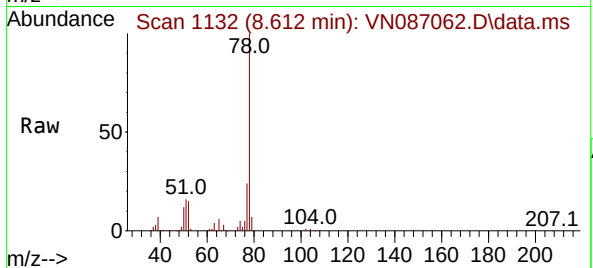
Tgt Ion: 43 Resp: 17909
Ion Ratio Lower Upper
43 100
61 14.0 12.1 18.1
70 12.8 9.8 14.6





#40
Benzene
Concen: 47.099 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN087062.D
Acq: 17 Jun 2025 16:08

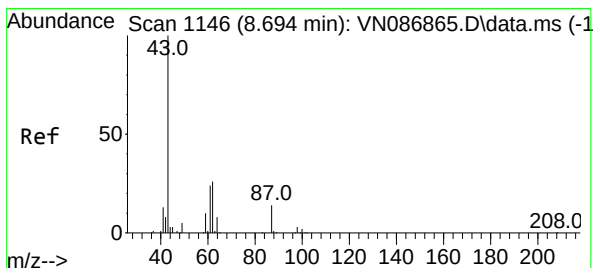
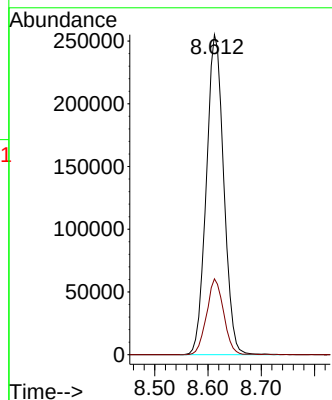
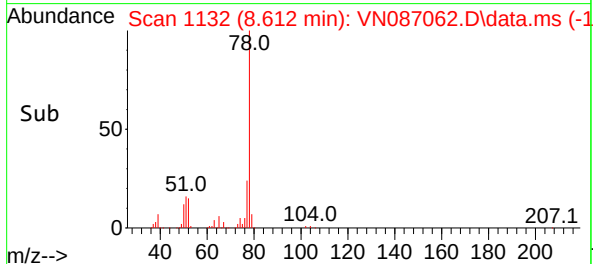
Instrument :
MSVOA_N
ClientSampleId :
TP-8



Tgt Ion: 78 Resp: 57978
Ion Ratio Lower Upper
78 100
77 23.7 18.7 28.1

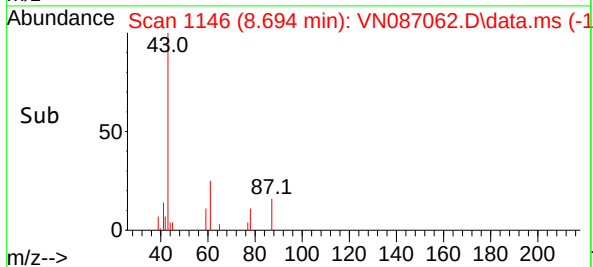
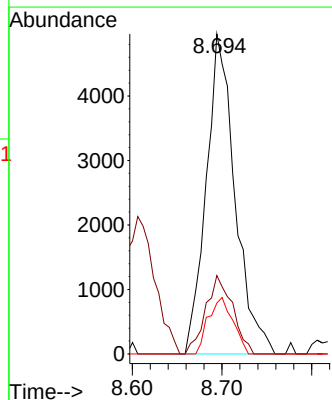
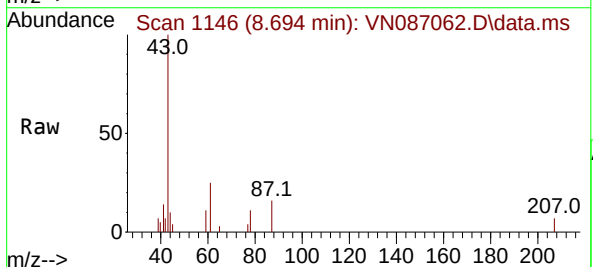
Manual Integrations
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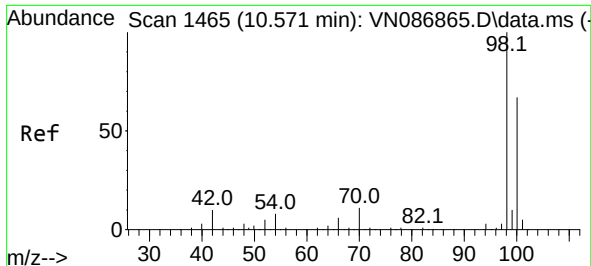
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#43
Isopropyl Acetate
Concen: 1.440 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087062.D
Acq: 17 Jun 2025 16:08

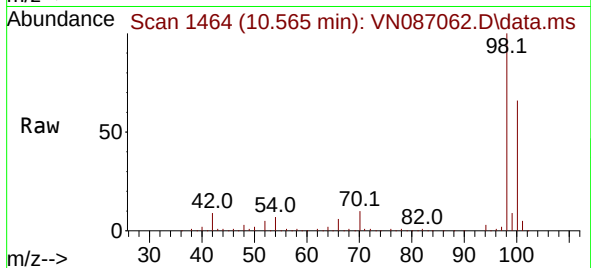
Tgt Ion: 43 Resp: 11072
Ion Ratio Lower Upper
43 100
61 22.9 22.1 33.1
87 15.0 11.8 17.6





#50
Toluene-d8
Concen: 52.541 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN087062.D
Acq: 17 Jun 2025 16:08

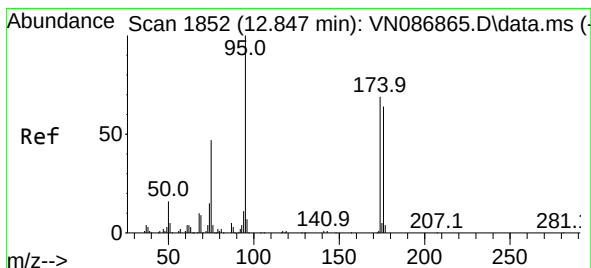
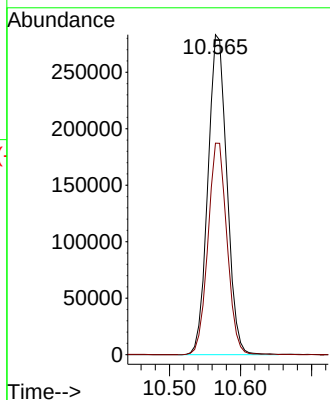
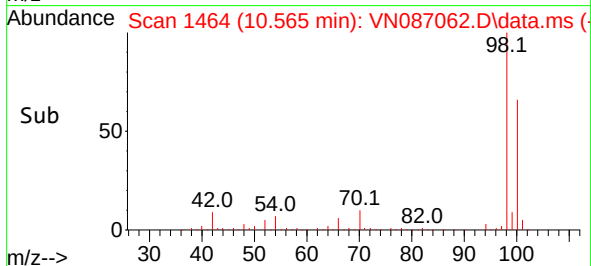
Instrument :
MSVOA_N
ClientSampleId :
TP-8



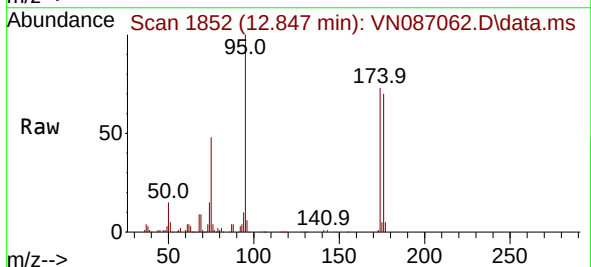
Tgt Ion: 98 Resp: 52545
Ion Ratio Lower Upper
98 100
100 66.4 53.4 80.0

Manual Integrations
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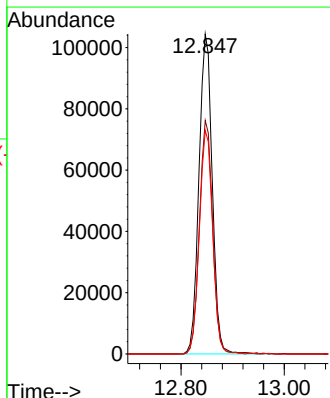
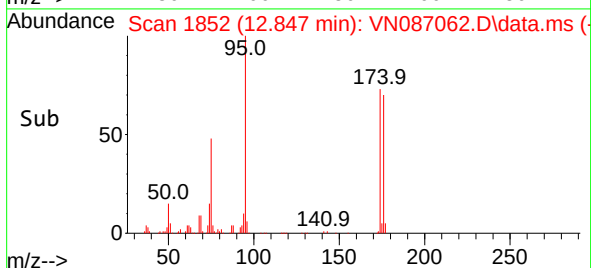
Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

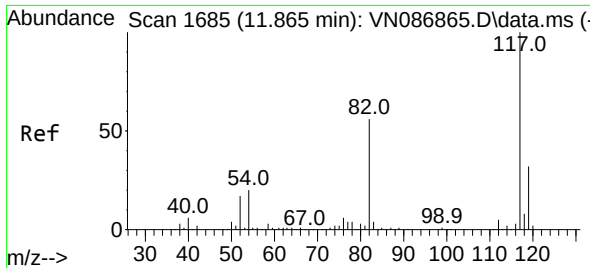


#62
4-Bromofluorobenzene
Concen: 50.186 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087062.D
Acq: 17 Jun 2025 16:08



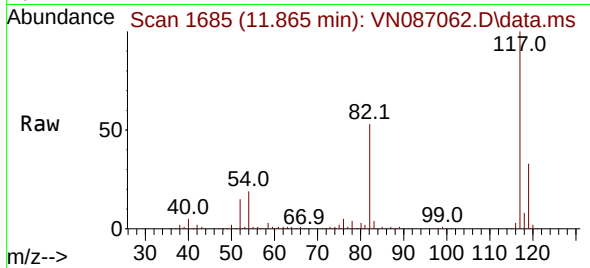
Tgt Ion: 95 Resp: 186473
Ion Ratio Lower Upper
95 100
174 72.5 0.0 141.8
176 69.8 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087062.D
Acq: 17 Jun 2025 16:08

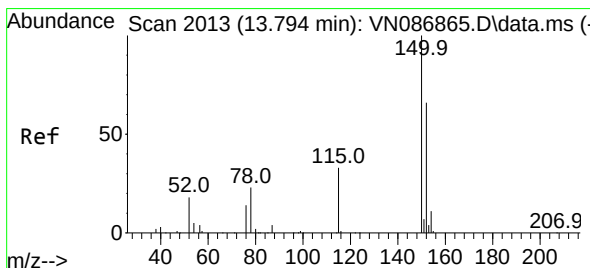
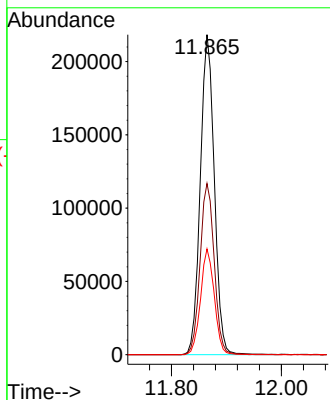
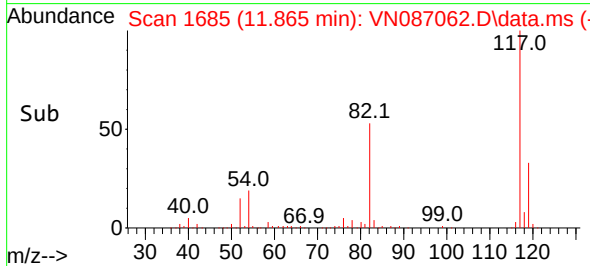
Instrument :
MSVOA_N
ClientSampleId :
TP-8



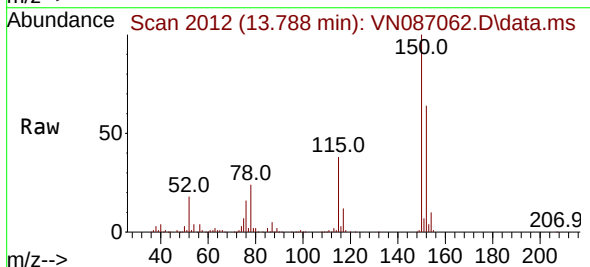
Tgt Ion:117 Resp: 386654
Ion Ratio Lower Upper
117 100
82 53.5 44.6 67.0
119 33.0 25.5 38.3

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087062.D
Acq: 17 Jun 2025 16:08



Tgt Ion:152 Resp: 182982
Ion Ratio Lower Upper
152 100
115 59.7 30.1 90.5
150 157.6 0.0 345.0

