

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050225\
 Data File : VN086465.D
 Acq On : 02 May 2025 15:52
 Operator : JC\MD
 Sample : PB167816ZHE#10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167816ZHE#10

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/05/2025
 Supervised By : Semsettin Yesilyurt 05/05/2025

Quant Time: May 02 23:16:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	157755	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	301834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	299982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	121708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	112633	49.237	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.480%			
35) Dibromofluoromethane	8.165	113	73332	52.348	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.700%			
50) Toluene-d8	10.565	98	392221	52.388	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.780%			
62) 4-Bromofluorobenzene	12.847	95	139589	51.117	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.240%			
Target Compounds						Qvalue
16) Acetone	4.430	43	33752	37.831	ug/l	97
20) Methylene Chloride	5.277	84	8990	4.251	ug/l	96
43) Isopropyl Acetate	8.682	43	39336m	5.677	ug/l	

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

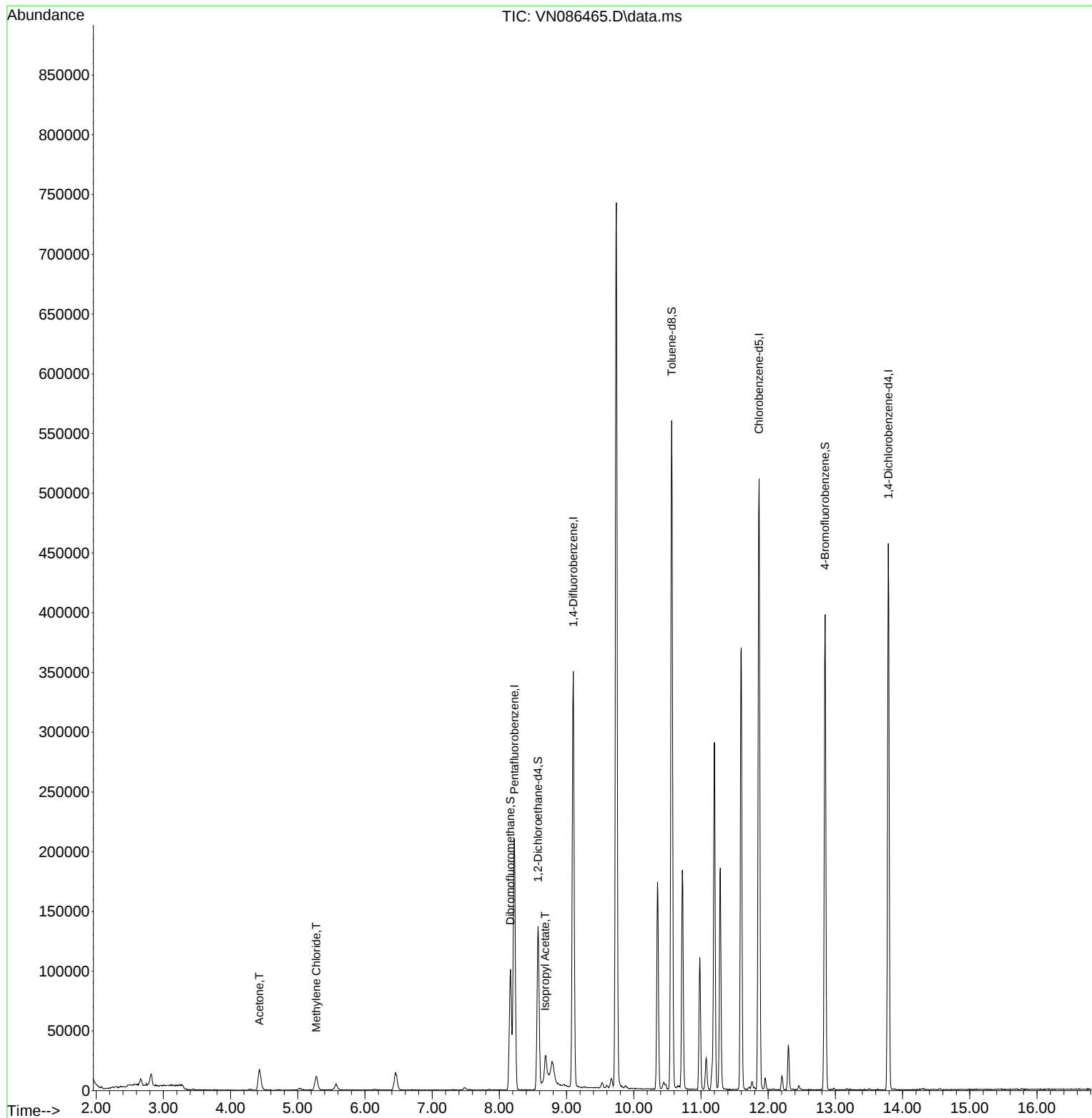
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050225\
Data File : VN086465.D
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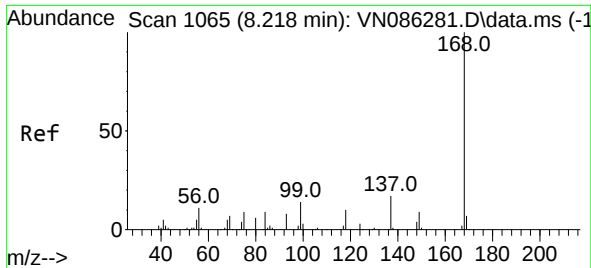
Instrument :
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ClientSampleId :
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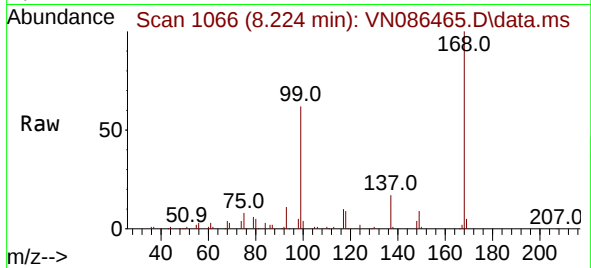
Quant Time: May 02 23:16:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086465.D
Acq: 02 May 2025 15:52

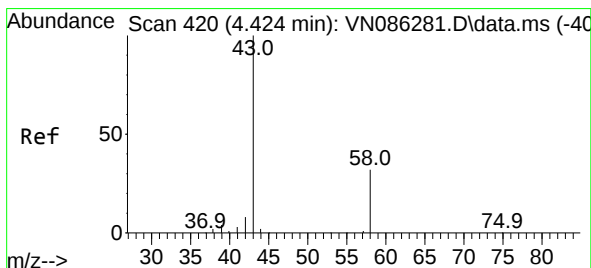
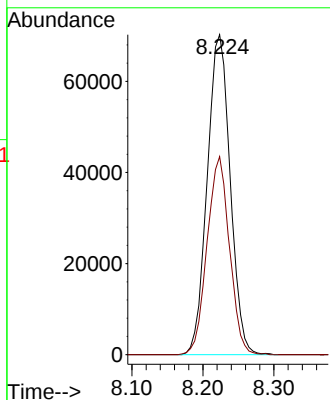
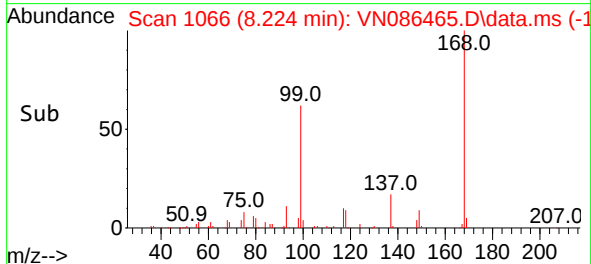
Instrument :
MSVOA_N
ClientSampleId :
PB167816ZHE#10



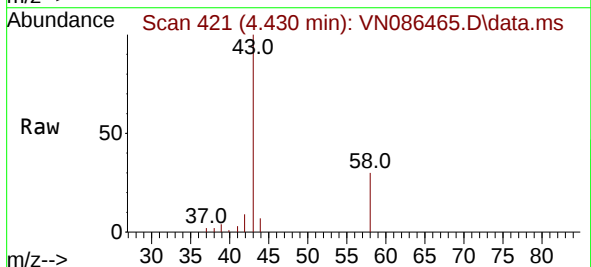
Tgt Ion:168 Resp: 15775
Ion Ratio Lower Upper
168 100
99 61.9 52.5 78.7

Manual Integrations
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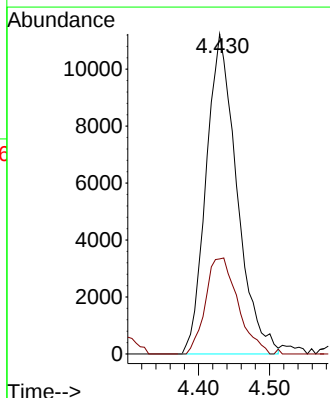
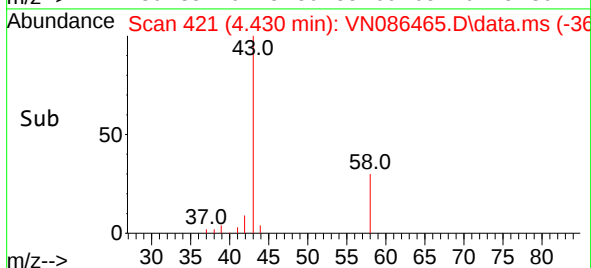
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

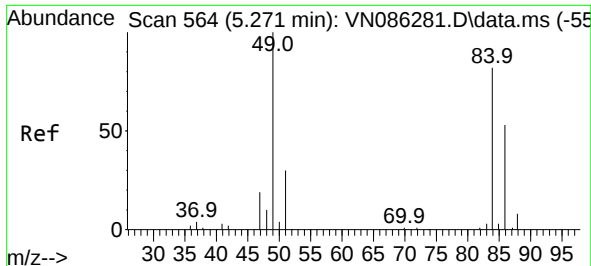


#16
Acetone
Concen: 37.831 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086465.D
Acq: 02 May 2025 15:52



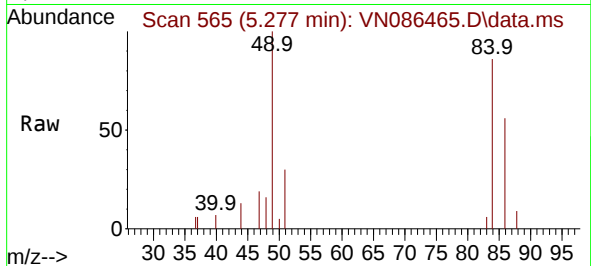
Tgt Ion: 43 Resp: 33752
Ion Ratio Lower Upper
43 100
58 29.7 25.3 37.9





#20
Methylene Chloride
Concen: 4.251 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086465.D
Acq: 02 May 2025 15:52

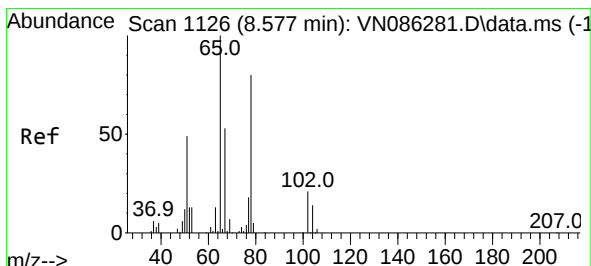
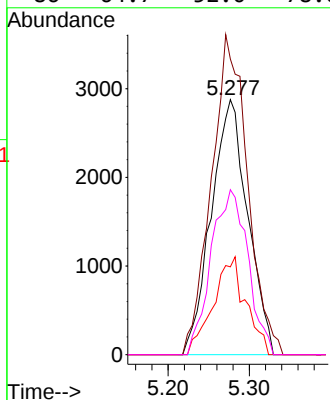
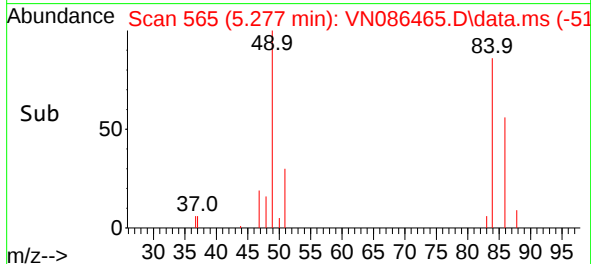
Instrument :
MSVOA_N
ClientSampleId :
PB167816ZHE#10



Tgt Ion: 84 Resp: 8990
Ion Ratio Lower Upper
84 100
49 115.9 98.2 147.2
51 34.5 29.8 44.6
86 64.7 52.0 78.0

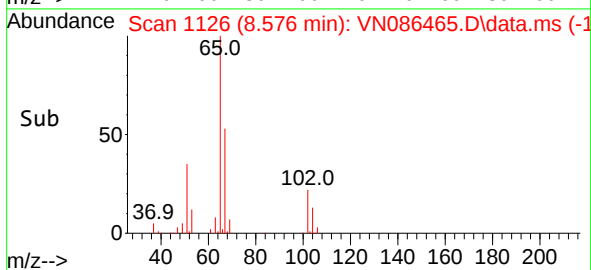
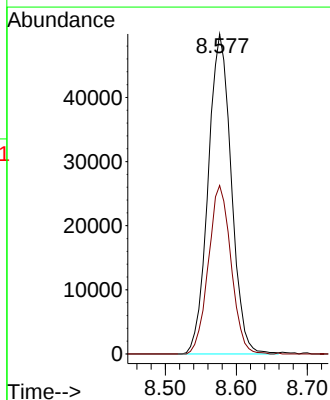
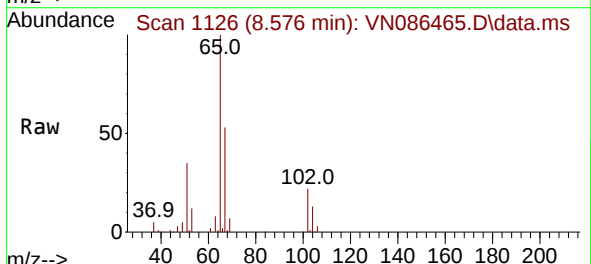
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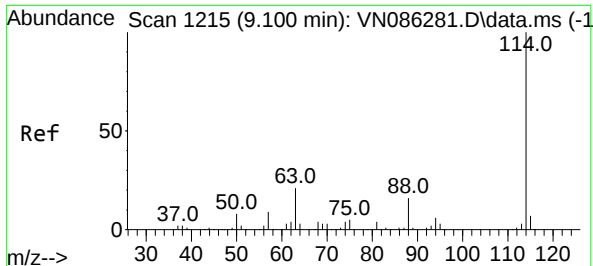
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#33
1,2-Dichloroethane-d4
Concen: 49.237 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086465.D
Acq: 02 May 2025 15:52

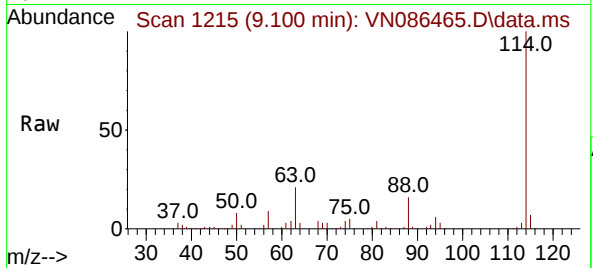
Tgt Ion: 65 Resp: 112633
Ion Ratio Lower Upper
65 100
67 51.5 0.0 106.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. -0.000 min
Lab File: VN086465.D
Acq: 02 May 2025 15:52

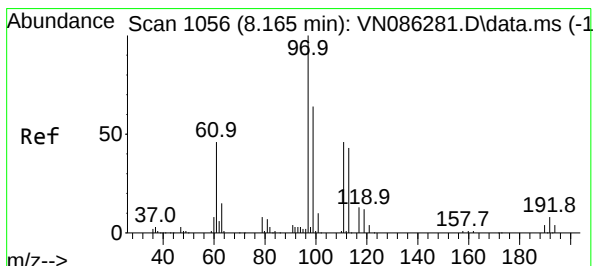
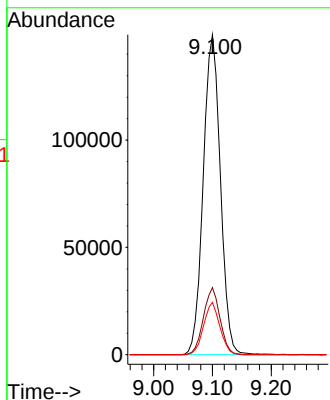
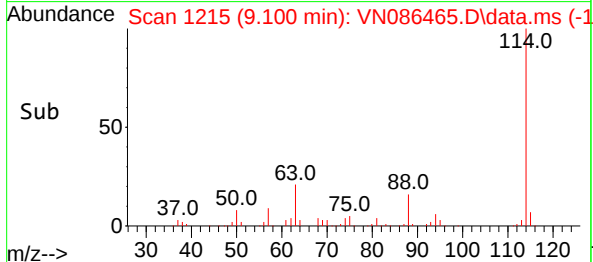
Instrument :
MSVOA_N
ClientSampleId :
PB167816ZHE#10



Tgt Ion:114 Resp: 301834
Ion Ratio Lower Upper
114 100
63 20.9 0.0 42.6
88 16.4 0.0 31.8

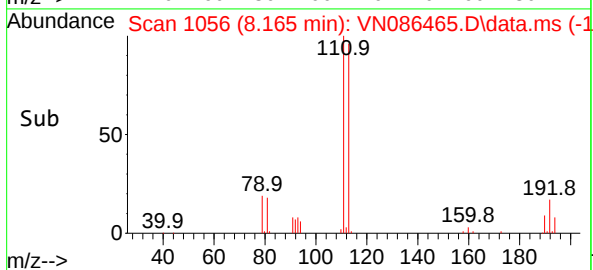
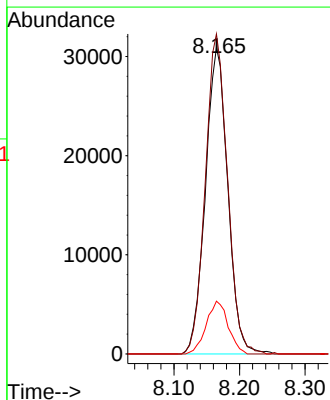
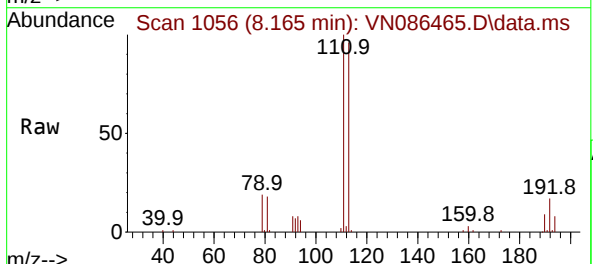
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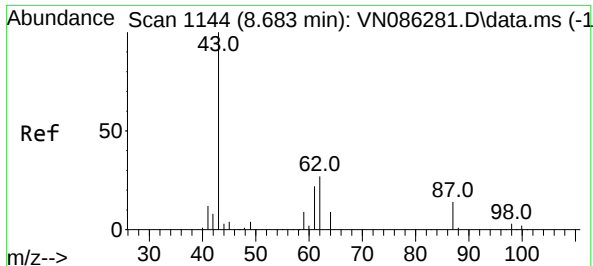
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#35
Dibromofluoromethane
Concen: 52.348 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086465.D
Acq: 02 May 2025 15:52

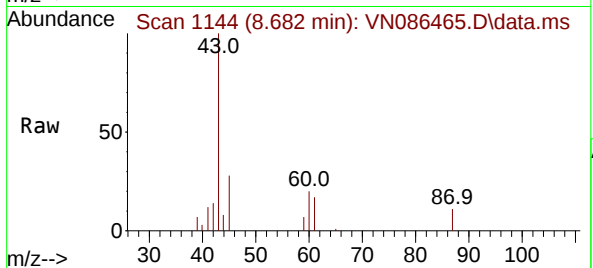
Tgt Ion:113 Resp: 73332
Ion Ratio Lower Upper
113 100
111 103.1 83.4 125.0
192 16.9 13.7 20.5





#43
Isopropyl Acetate
Concen: 5.677 ug/l m
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN086465.D
Acq: 02 May 2025 15:52

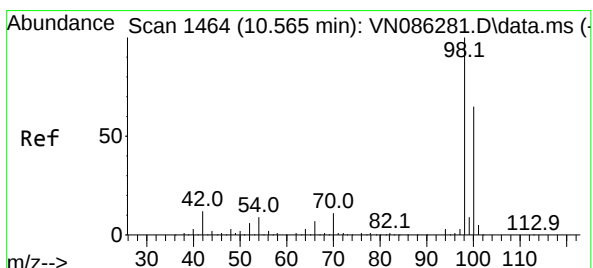
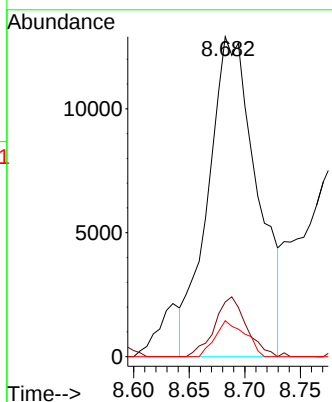
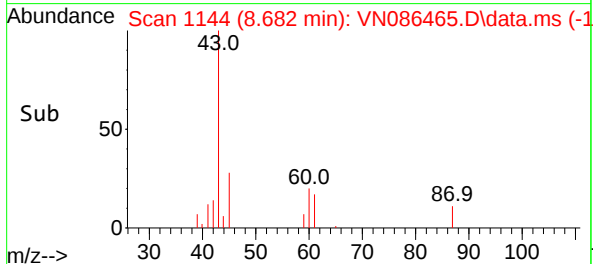
Instrument :
MSVOA_N
ClientSampleId :
PB167816ZHE#10



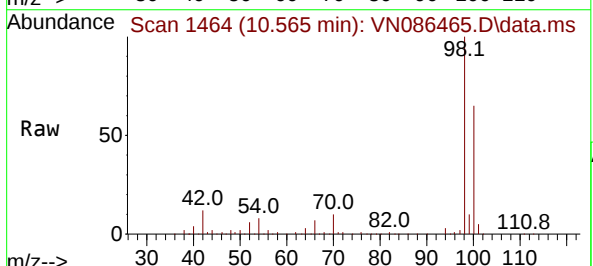
Tgt Ion: 43 Resp: 39330
Ion Ratio Lower Upper
43 100
61 12.3 20.5 30.7
87 6.9 10.5 15.7

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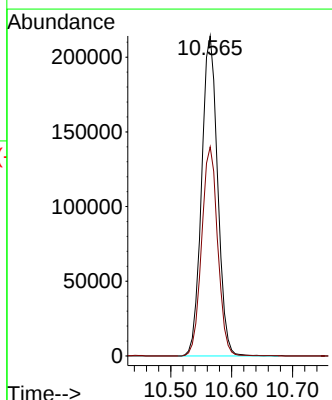
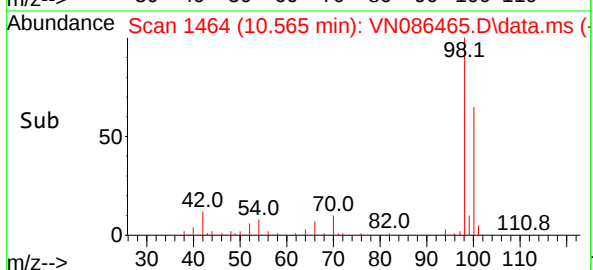
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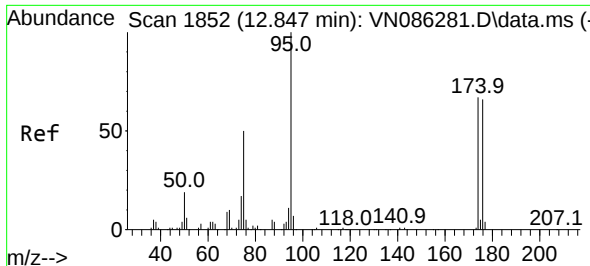


#50
Toluene-d8
Concen: 52.388 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086465.D
Acq: 02 May 2025 15:52



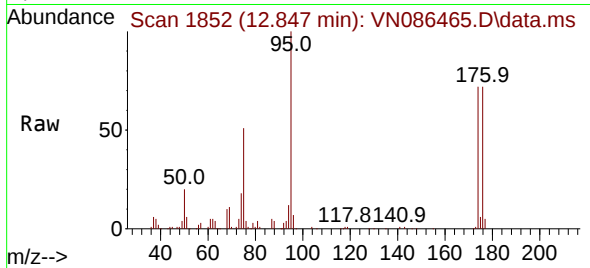
Tgt Ion: 98 Resp: 392221
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7





#62
4-Bromofluorobenzene
Concen: 51.117 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086465.D
Acq: 02 May 2025 15:52

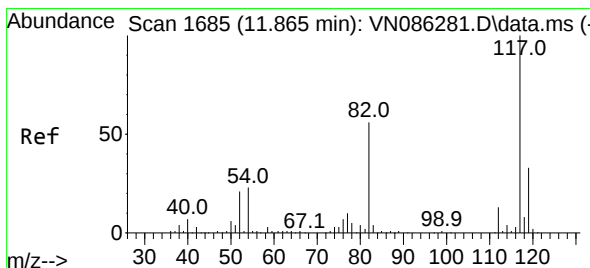
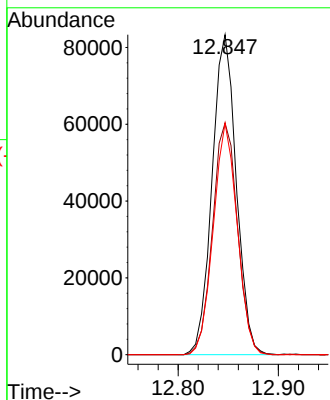
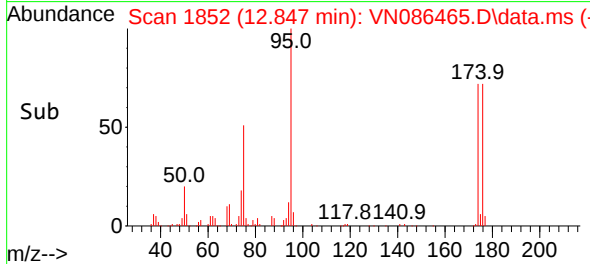
Instrument :
MSVOA_N
ClientSampleId :
PB167816ZHE#10



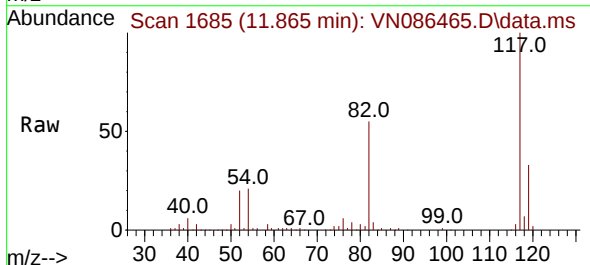
Tgt Ion: 95 Resp: 139589
Ion Ratio Lower Upper
95 100
174 74.6 0.0 133.4
176 71.4 0.0 129.2

Manual Integrations
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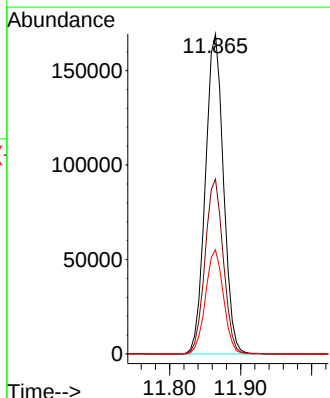
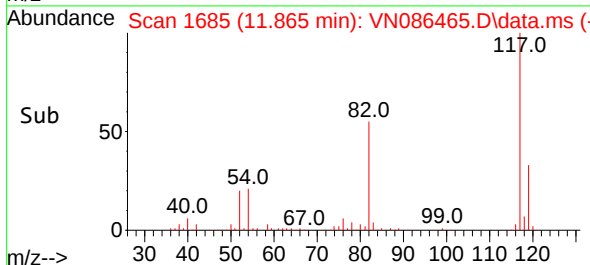
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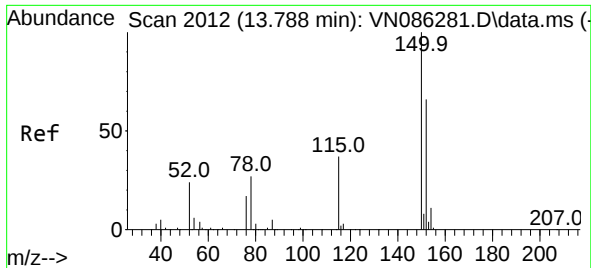


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086465.D
Acq: 02 May 2025 15:52



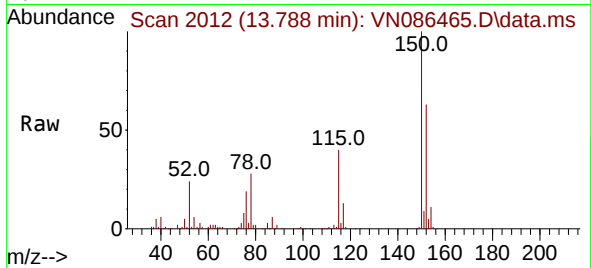
Tgt Ion:117 Resp: 299982
Ion Ratio Lower Upper
117 100
82 54.7 44.7 67.1
119 32.5 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086465.D
 Acq: 02 May 2025 15:52

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167816ZHE#10



Tgt Ion:152 Resp: 121708
 Ion Ratio Lower Upper
 152 100
 115 61.7 31.9 95.9
 150 159.0 0.0 352.0

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