

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050225\
 Data File : VN086460.D
 Acq On : 02 May 2025 13:51
 Operator : JC\MD
 Sample : PB167816ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167816ZHE#05

Manual Integrations
 APPROVED

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

Quant Time: May 02 23:15:49 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	149898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	289533	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	272985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	112805	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	110308	50.748	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.500%			
35) Dibromofluoromethane	8.165	113	73655	54.813	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.620%			
50) Toluene-d8	10.565	98	373075	51.948	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.900%			
62) 4-Bromofluorobenzene	12.847	95	126178	48.169	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.340%			
Target Compounds					Qvalue	
16) Acetone	4.424	43	26080	29.673	ug/l	96
20) Methylene Chloride	5.277	84	8769	4.364	ug/l	93
43) Isopropyl Acetate	8.682	43	34211m	4.970	ug/l	

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

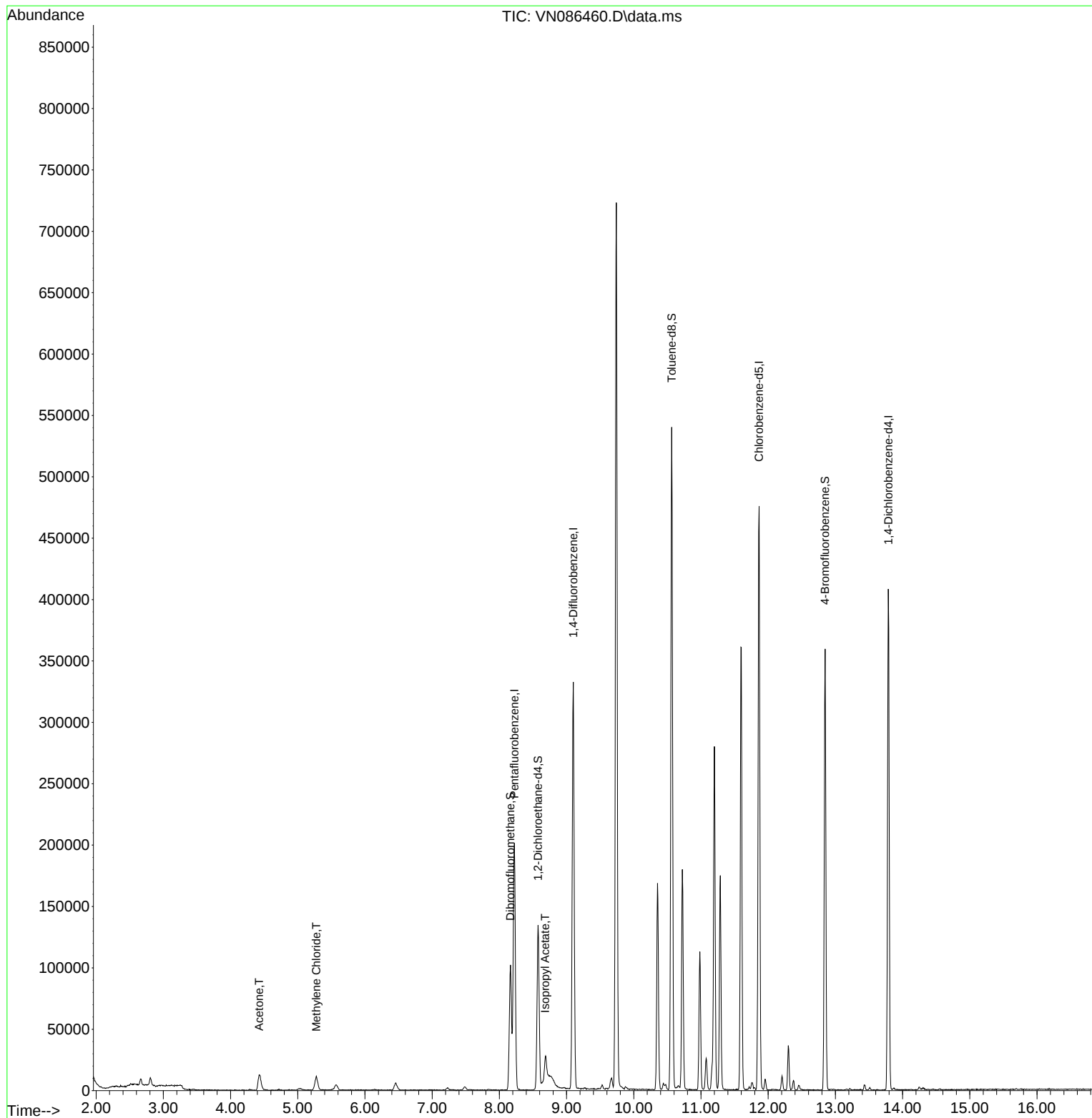
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050225\
Data File : VN086460.D
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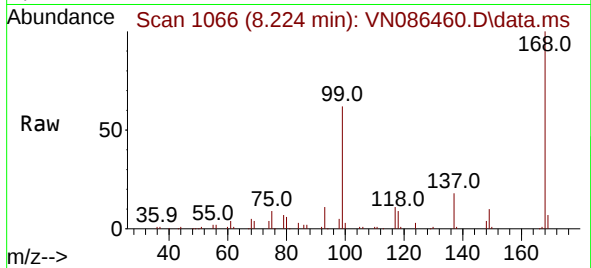
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Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086460.D
Acq: 02 May 2025 13:51

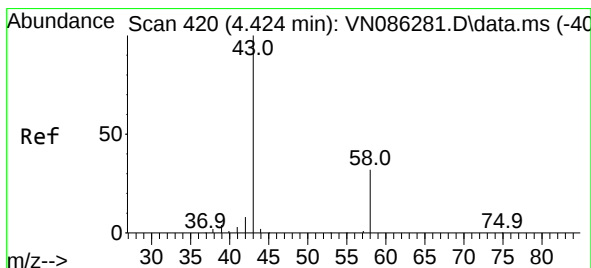
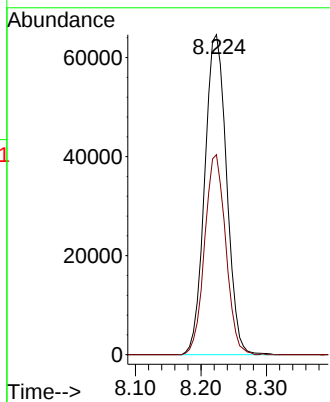
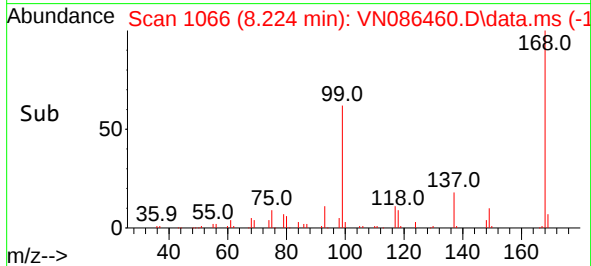
Instrument :
MSVOA_N
ClientSampleId :
PB167816ZHE#05



Tgt Ion:168 Resp: 149898
Ion Ratio Lower Upper
168 100
99 62.5 52.5 78.7

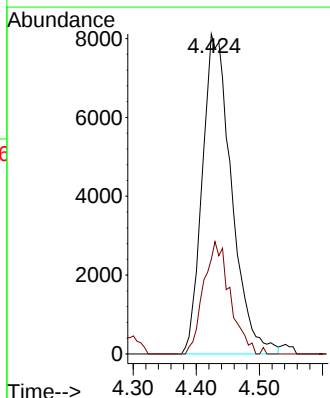
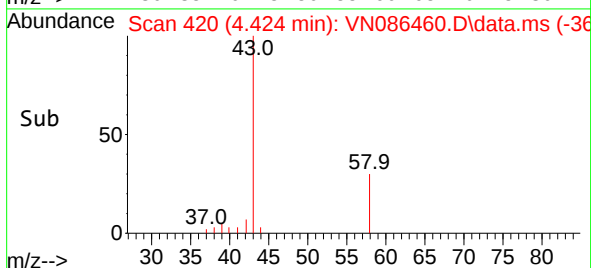
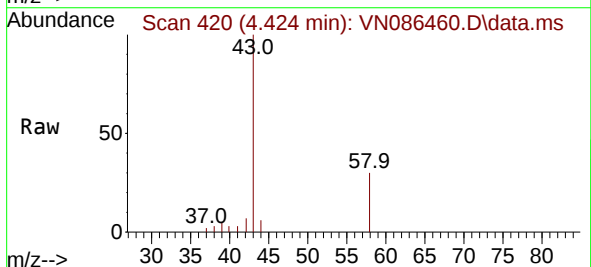
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#16
Acetone
Concen: 29.673 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086460.D
Acq: 02 May 2025 13:51

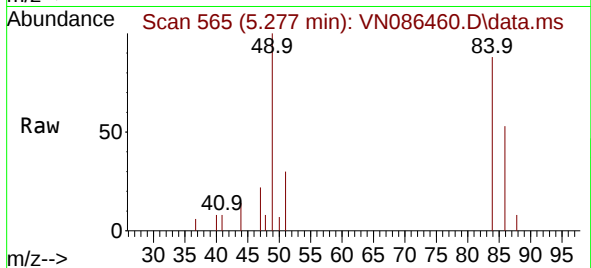
Tgt Ion: 43 Resp: 26080
Ion Ratio Lower Upper
43 100
58 29.6 25.3 37.9





#20
Methylene Chloride
Concen: 4.364 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086460.D
Acq: 02 May 2025 13:51

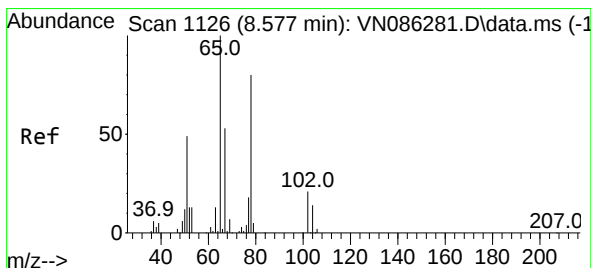
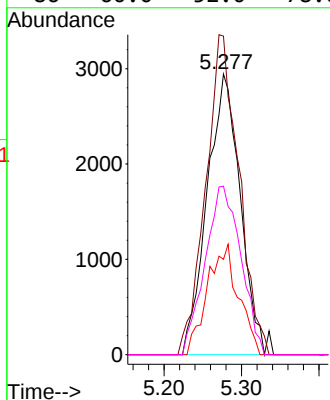
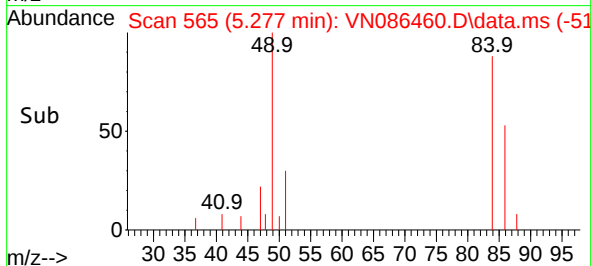
Instrument :
MSVOA_N
ClientSampleId :
PB167816ZHE#05



Tgt Ion: 84 Resp: 8769
Ion Ratio Lower Upper
84 100
49 113.5 98.2 147.2
51 34.0 29.8 44.6
86 60.0 52.0 78.0

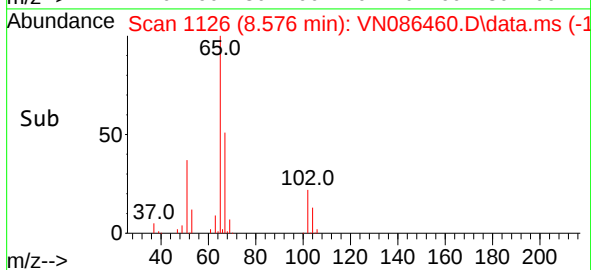
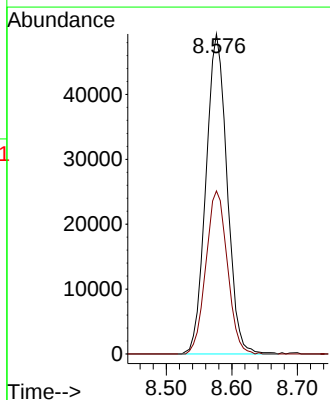
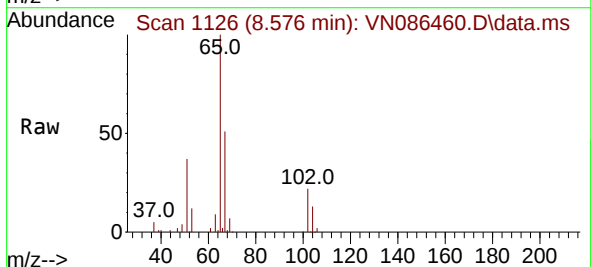
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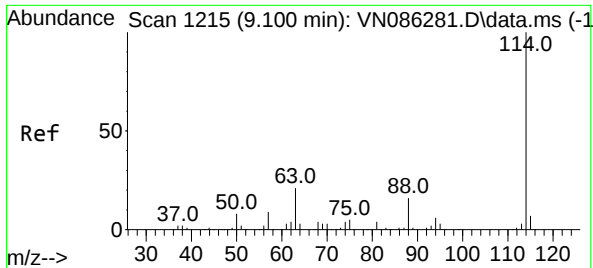
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#33
1,2-Dichloroethane-d4
Concen: 50.748 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086460.D
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Tgt Ion: 65 Resp: 110308
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.0





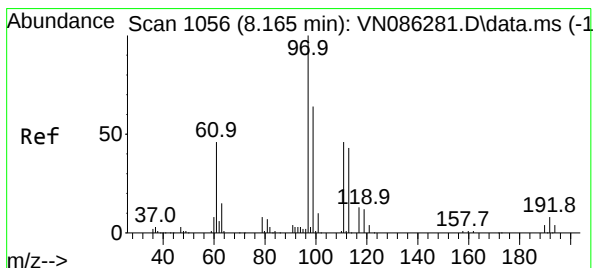
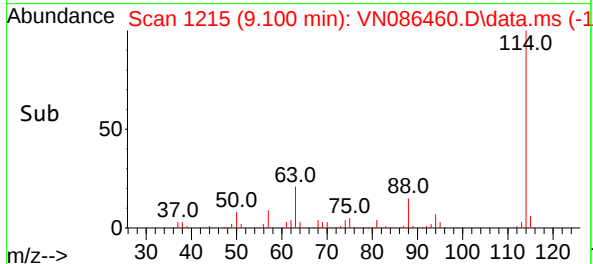
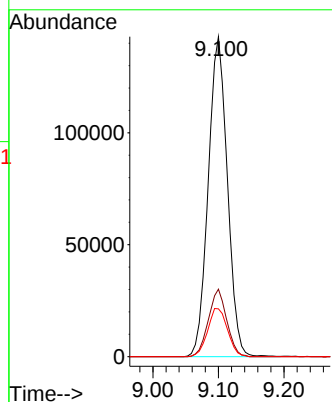
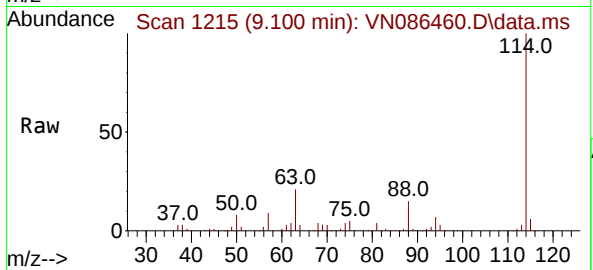
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. -0.000 min
Lab File: VN086460.D
Acq: 02 May 2025 13:51

Instrument :
MSVOA_N
ClientSampleId :
PB167816ZHE#05

Tgt Ion:114 Resp: 28953
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.6
88 15.0 0.0 31.8

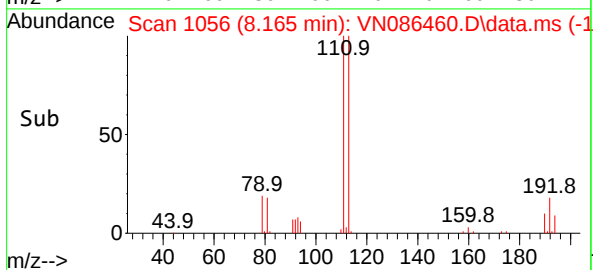
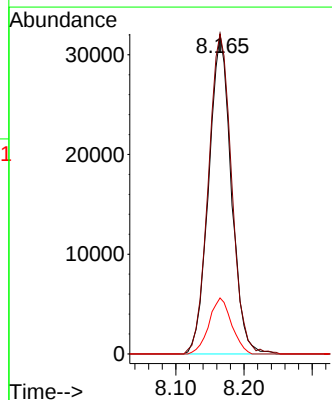
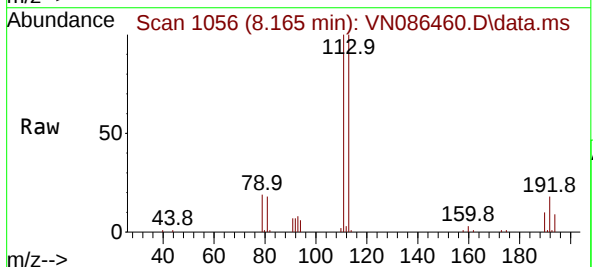
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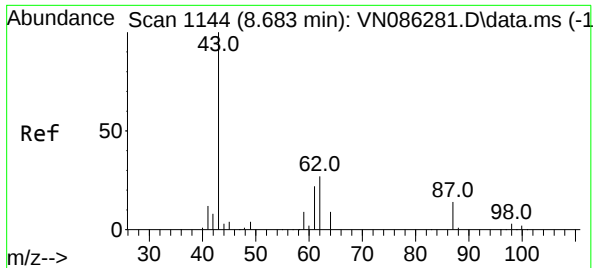
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#35
Dibromofluoromethane
Concen: 54.813 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086460.D
Acq: 02 May 2025 13:51

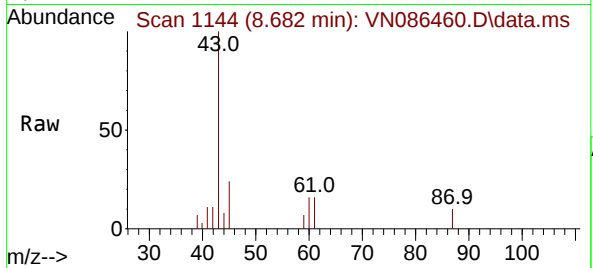
Tgt Ion:113 Resp: 73655
Ion Ratio Lower Upper
113 100
111 103.5 83.4 125.0
192 17.5 13.7 20.5





#43
Isopropyl Acetate
Concen: 4.970 ug/l m
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN086460.D
Acq: 02 May 2025 13:51

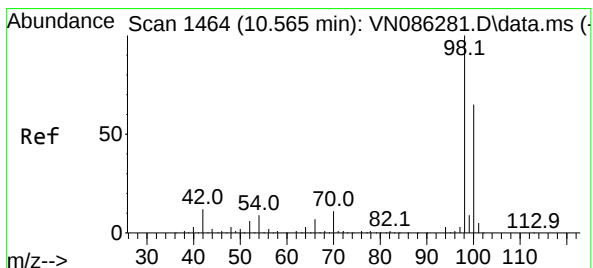
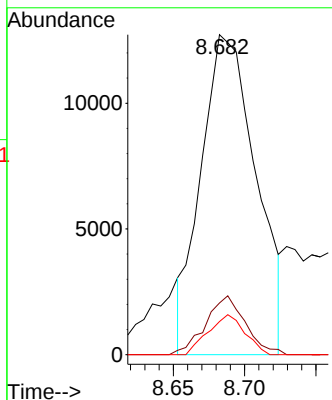
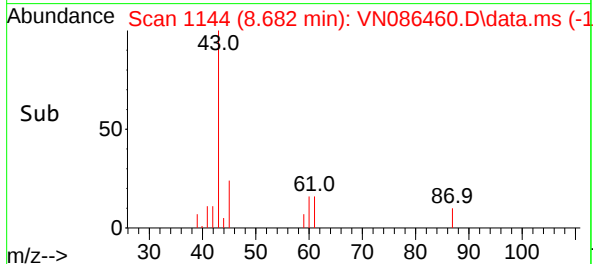
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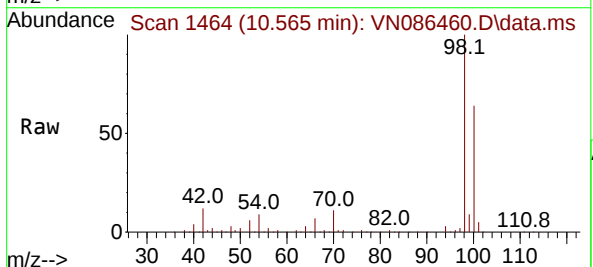
Tgt Ion: 43 Resp: 3421
Ion Ratio Lower Upper
43 100
61 13.3 20.5 30.7
87 8.3 10.5 15.7

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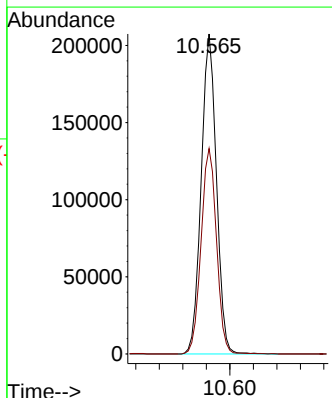
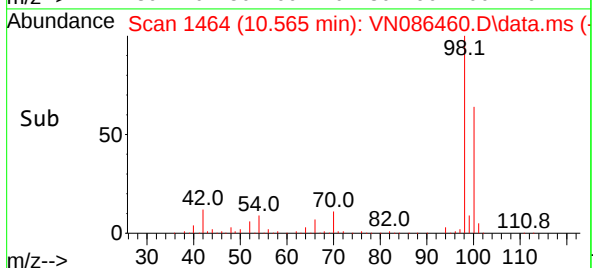
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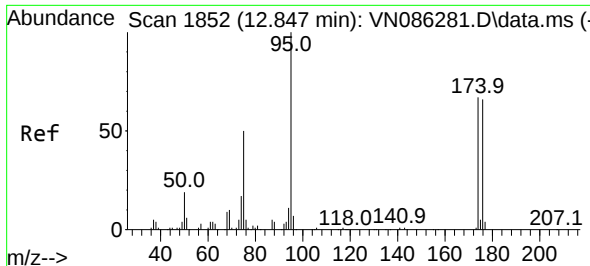


#50
Toluene-d8
Concen: 51.948 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086460.D
Acq: 02 May 2025 13:51



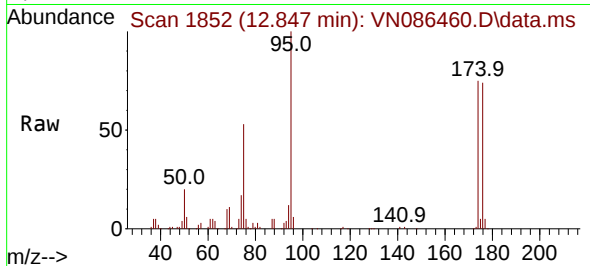
Tgt Ion: 98 Resp: 373075
Ion Ratio Lower Upper
98 100
100 65.0 52.5 78.7





#62
4-Bromofluorobenzene
Concen: 48.169 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086460.D
Acq: 02 May 2025 13:51

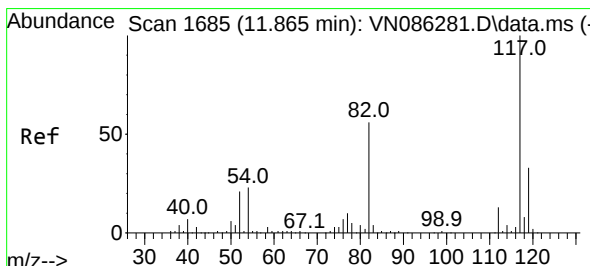
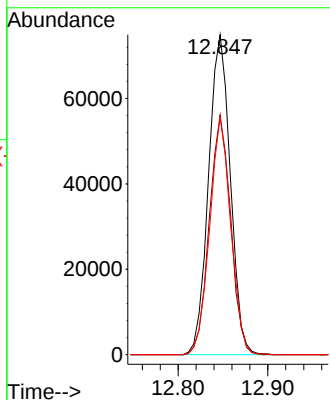
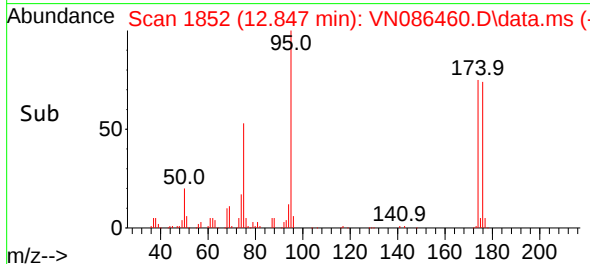
Instrument :
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PB167816ZHE#05



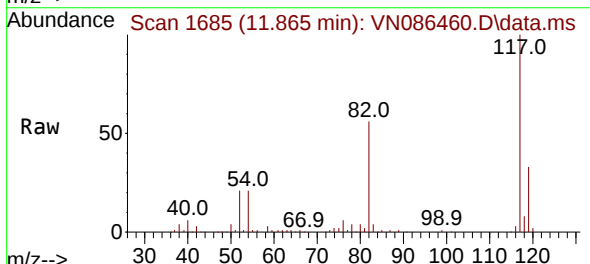
Tgt Ion: 95 Resp: 126178
Ion Ratio Lower Upper
95 100
174 73.7 0.0 133.4
176 71.8 0.0 129.2

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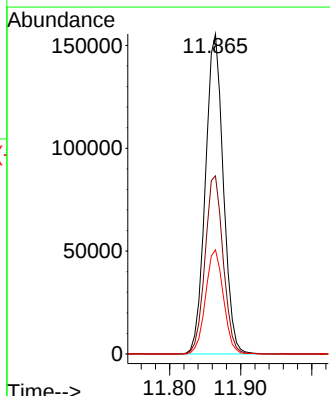
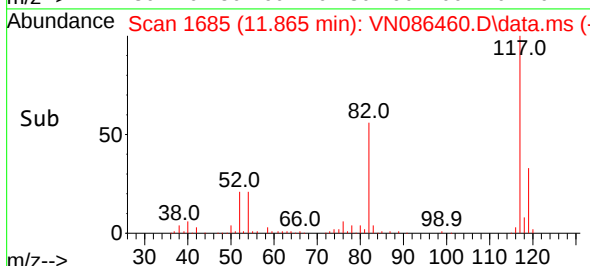
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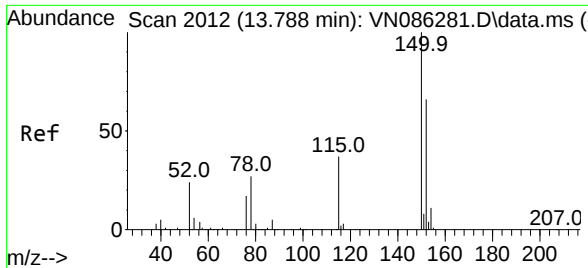


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086460.D
Acq: 02 May 2025 13:51



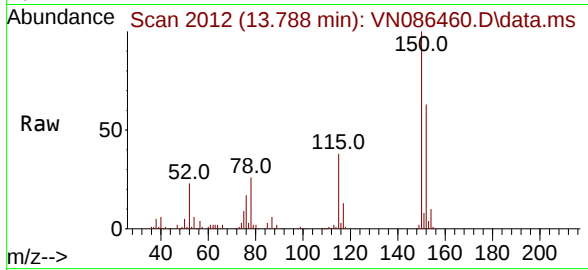
Tgt Ion:117 Resp: 272985
Ion Ratio Lower Upper
117 100
82 55.7 44.7 67.1
119 32.6 26.4 39.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN086460.D
Acq: 02 May 2025 13:51

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:152 Resp: 11280
Ion Ratio Lower Upper
152 100
115 59.9 31.9 95.9
150 157.9 0.0 352.0

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