

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050225\
 Data File : VN086458.D
 Acq On : 02 May 2025 13:03
 Operator : JC\MD
 Sample : PB167816ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167816ZHE#03

Manual Integrations
 APPROVED

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

Quant Time: May 02 23:15:29 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	155959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	293597	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	279035	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	113497	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111276	49.204	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.400%		
35) Dibromofluoromethane	8.165	113	75233	55.212	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	110.420%		
50) Toluene-d8	10.565	98	380418	52.237	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.480%		
62) 4-Bromofluorobenzene	12.847	95	129348	48.696	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.400%		
Target Compounds						
16) Acetone	4.430	43	31952	35.978	ug/l	93
20) Methylene Chloride	5.283	84	8948	4.280	ug/l	98
43) Isopropyl Acetate	8.688	43	27136m	3.476	ug/l	

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

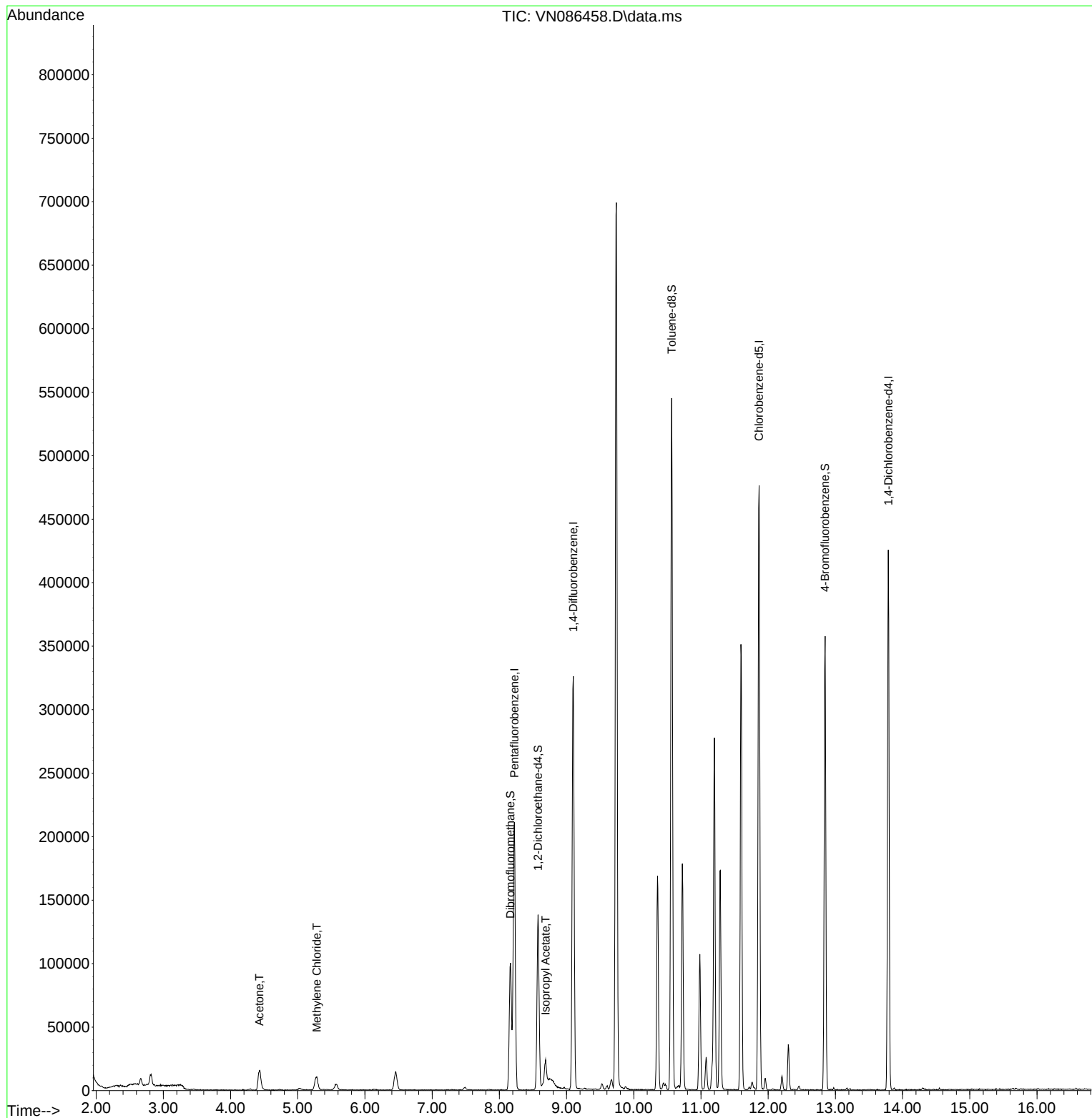
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050225\
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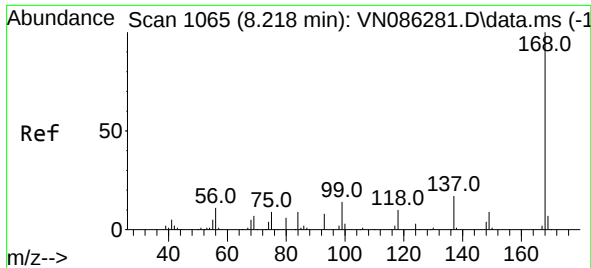
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ClientSampleId :
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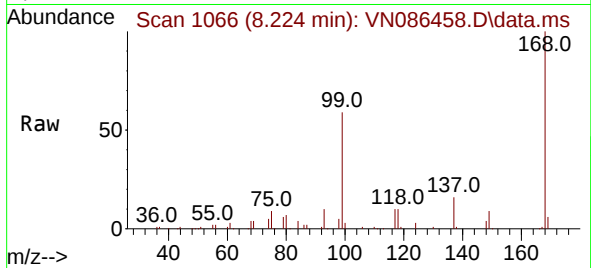
Quant Time: May 02 23:15:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086458.D
Acq: 02 May 2025 13:03

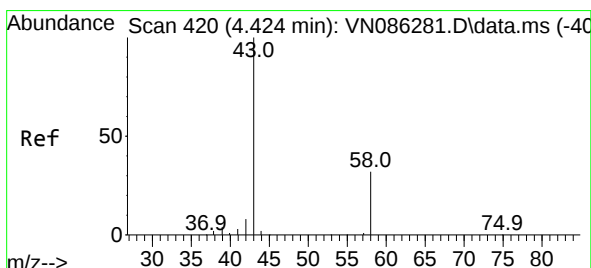
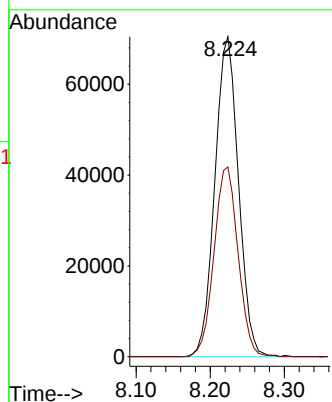
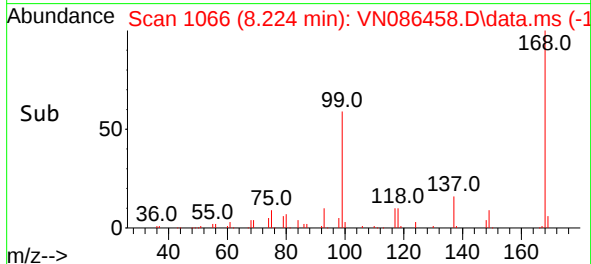
Instrument :
MSVOA_N
ClientSampleId :
PB167816ZHE#03



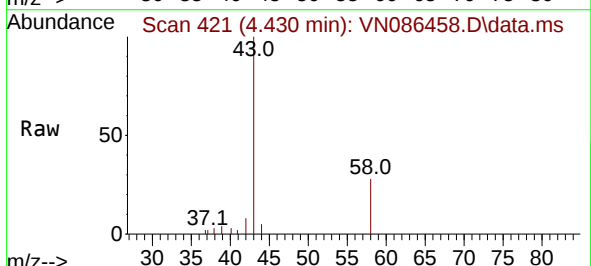
Tgt Ion:168 Resp: 15595
Ion Ratio Lower Upper
168 100
99 59.3 52.5 78.7

Manual Integrations
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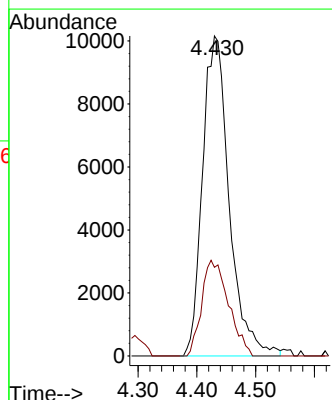
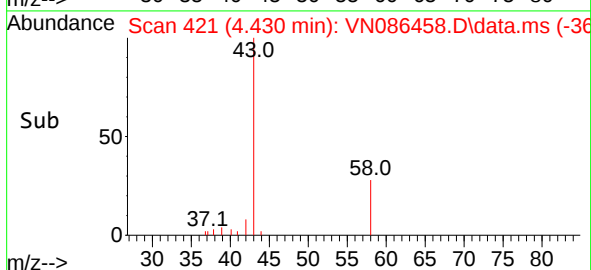
Reviewed By :John Carlone 05/05/2025
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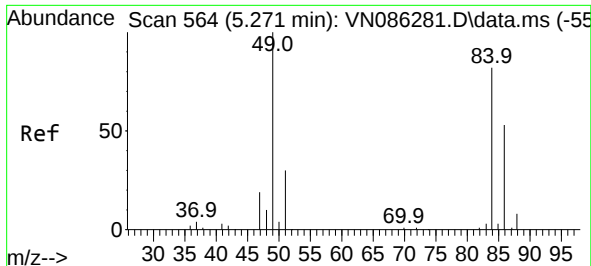


#16
Acetone
Concen: 35.978 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086458.D
Acq: 02 May 2025 13:03



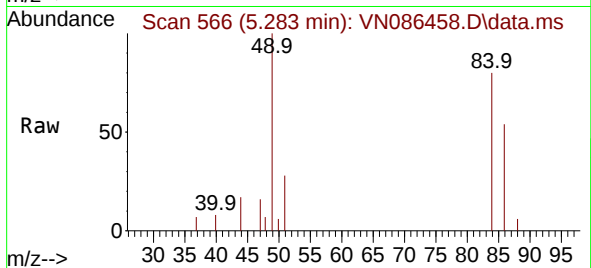
Tgt Ion: 43 Resp: 31952
Ion Ratio Lower Upper
43 100
58 27.7 25.3 37.9





#20
Methylene Chloride
Concen: 4.280 ug/l
RT: 5.283 min Scan# 50
Delta R.T. 0.012 min
Lab File: VN086458.D
Acq: 02 May 2025 13:03

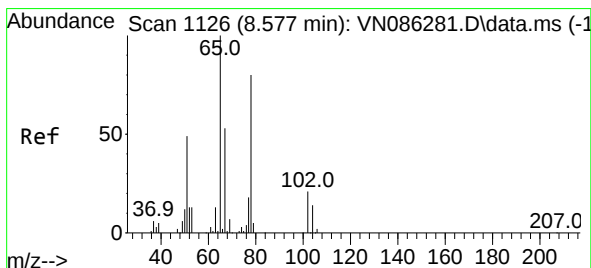
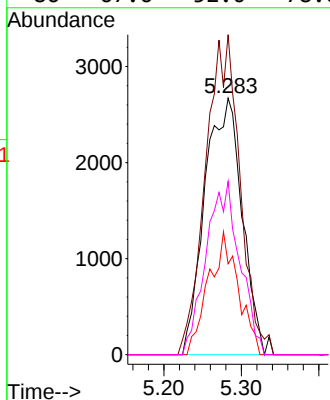
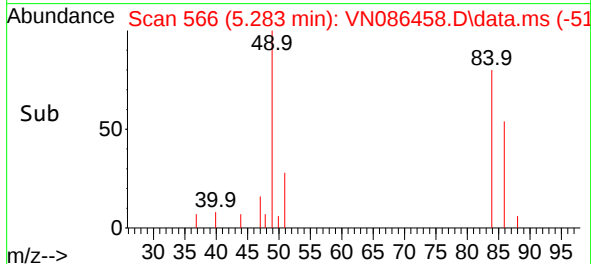
Instrument :
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ClientSampleId :
PB167816ZHE#03



Tgt Ion: 84 Resp: 8948
Ion Ratio Lower Upper
84 100
49 124.8 98.2 147.2
51 35.5 29.8 44.6
86 67.6 52.0 78.0

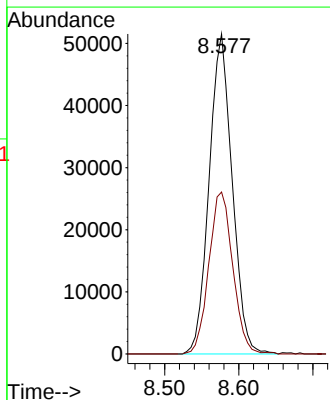
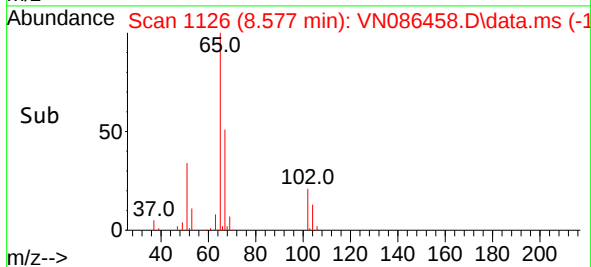
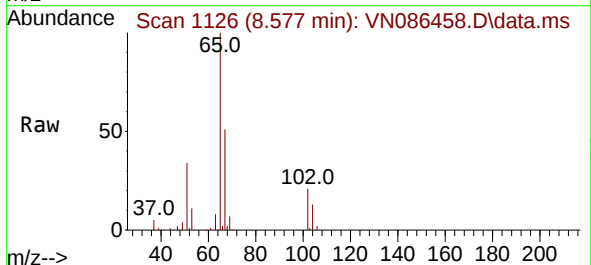
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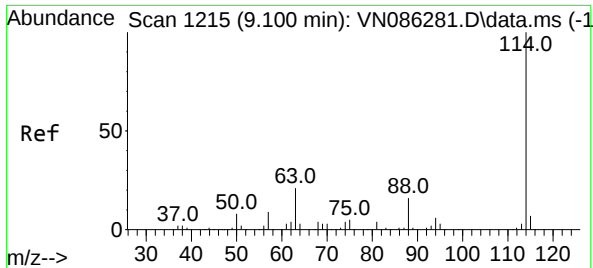
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#33
1,2-Dichloroethane-d4
Concen: 49.204 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086458.D
Acq: 02 May 2025 13:03

Tgt Ion: 65 Resp: 111276
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.0





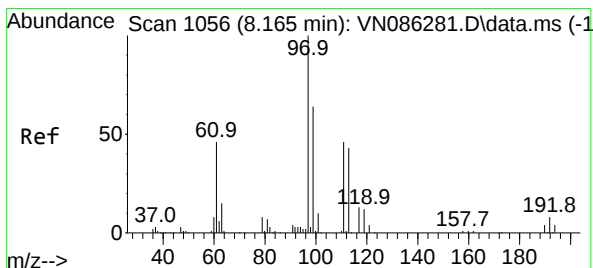
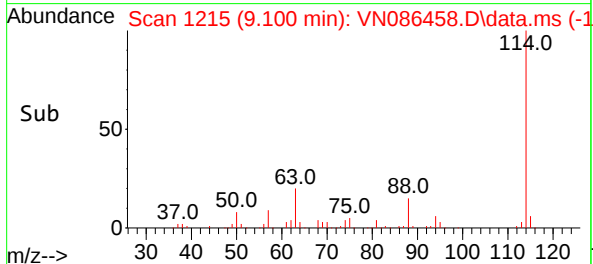
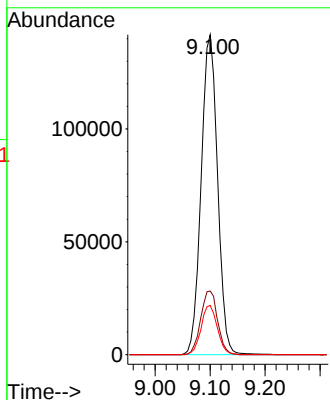
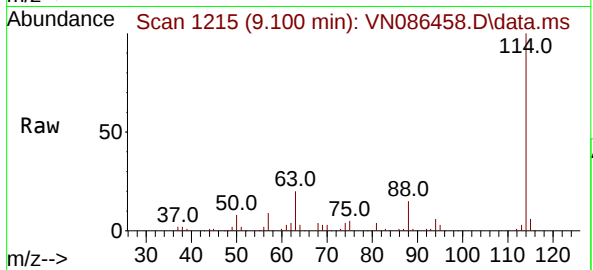
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN086458.D
Acq: 02 May 2025 13:03

Instrument :
MSVOA_N
ClientSampleId :
PB167816ZHE#03

Tgt Ion:114 Resp: 29359
Ion Ratio Lower Upper
114 100
63 19.9 0.0 42.6
88 15.4 0.0 31.8

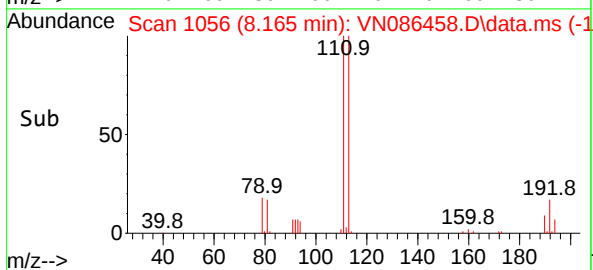
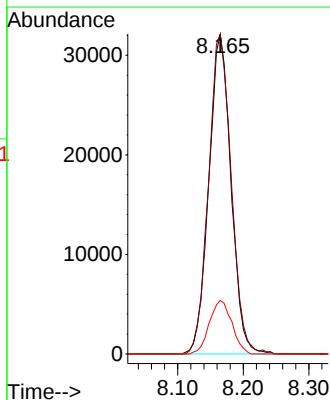
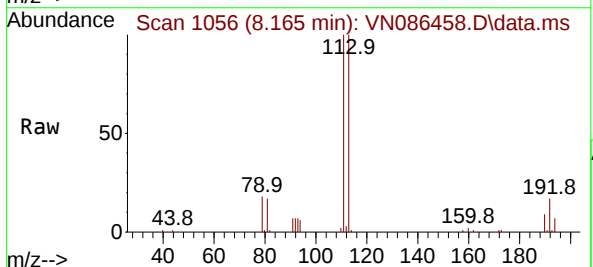
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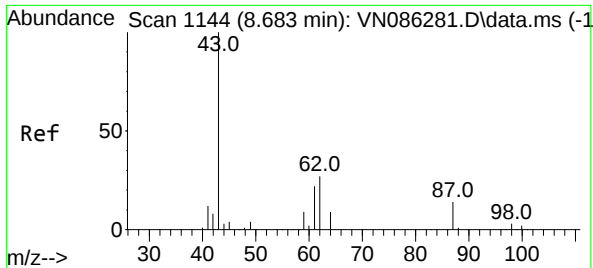
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#35
Dibromofluoromethane
Concen: 55.212 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086458.D
Acq: 02 May 2025 13:03

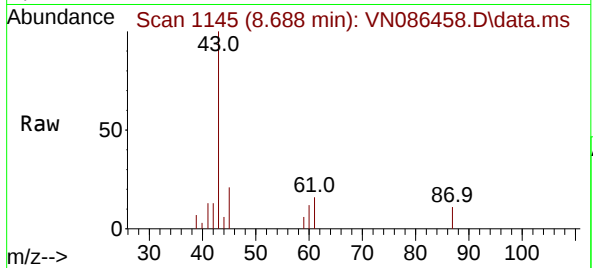
Tgt Ion:113 Resp: 75233
Ion Ratio Lower Upper
113 100
111 102.2 83.4 125.0
192 17.0 13.7 20.5





#43
Isopropyl Acetate
Concen: 3.476 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN086458.D
Acq: 02 May 2025 13:03

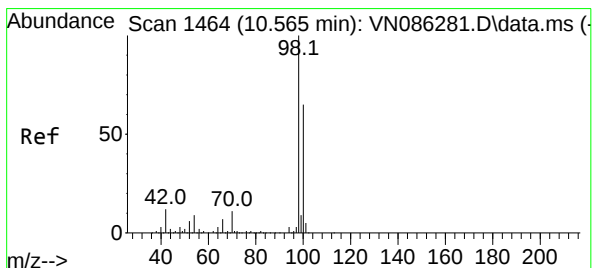
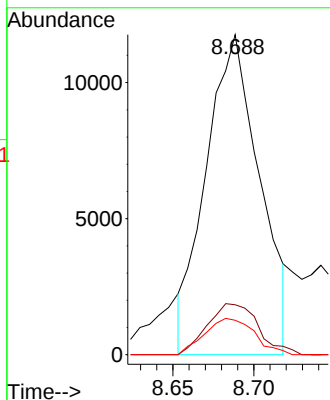
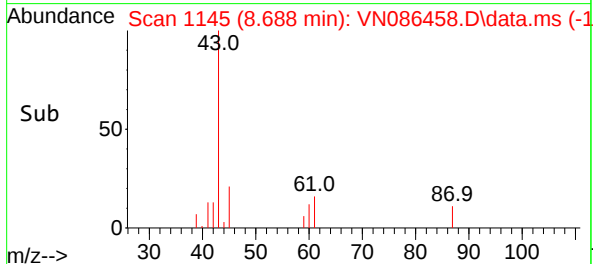
Instrument :
MSVOA_N
ClientSampleId :
PB167816ZHE#03



Tgt Ion: 43 Resp: 27130
Ion Ratio Lower Upper
43 100
61 15.1 20.5 30.7
87 10.5 10.5 15.7

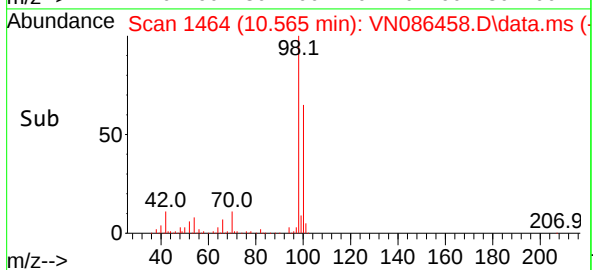
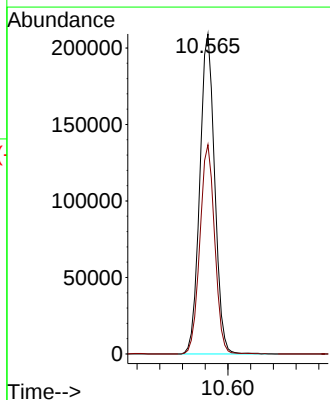
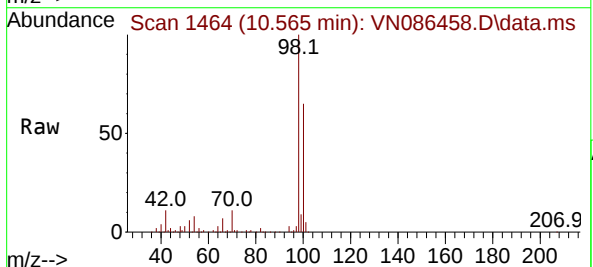
Manual Integrations
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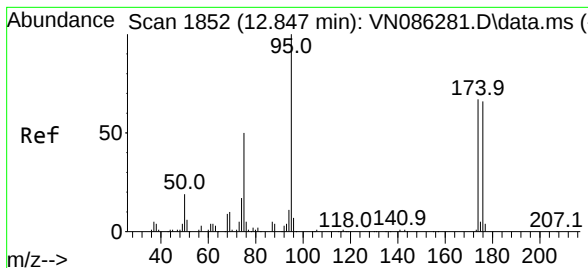
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#50
Toluene-d8
Concen: 52.237 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086458.D
Acq: 02 May 2025 13:03

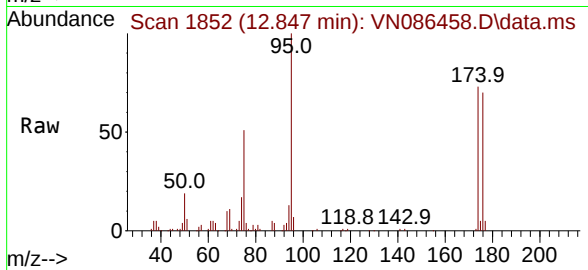
Tgt Ion: 98 Resp: 380418
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7





#62
4-Bromofluorobenzene
Concen: 48.696 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086458.D
Acq: 02 May 2025 13:03

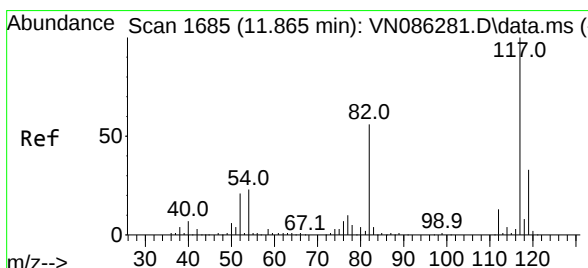
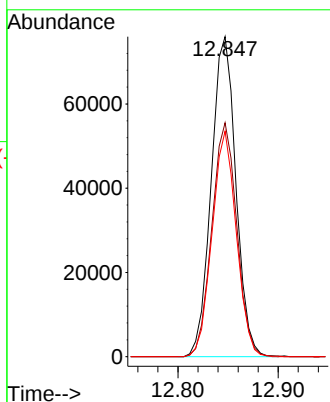
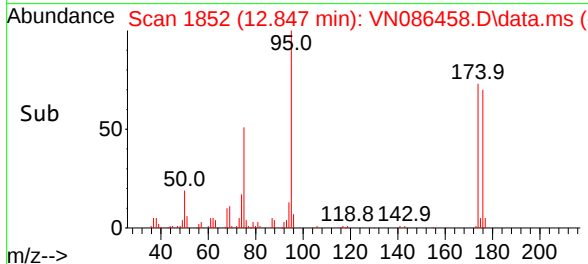
Instrument :
MSVOA_N
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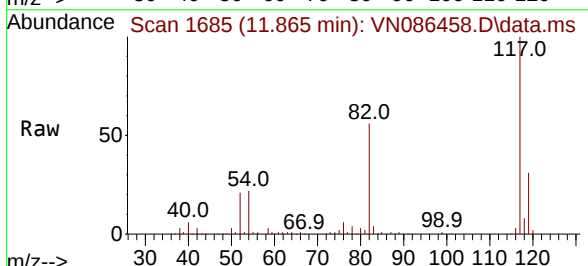
Tgt Ion: 95 Resp: 129348
Ion Ratio Lower Upper
95 100
174 74.0 0.0 133.4
176 69.3 0.0 129.2

Manual Integrations
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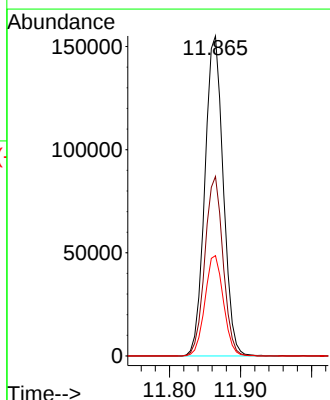
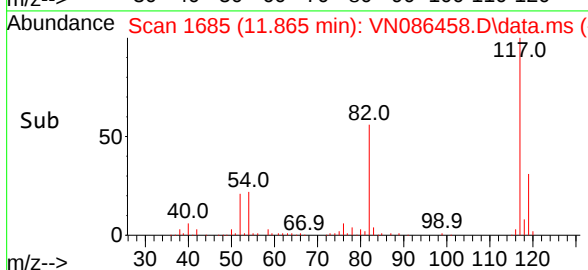
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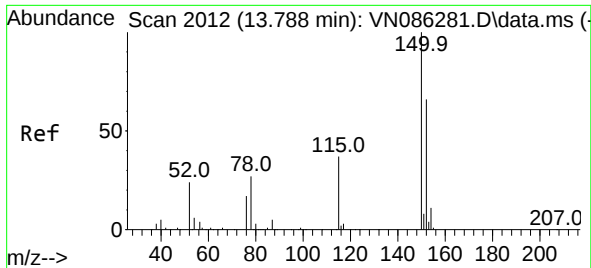


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086458.D
Acq: 02 May 2025 13:03



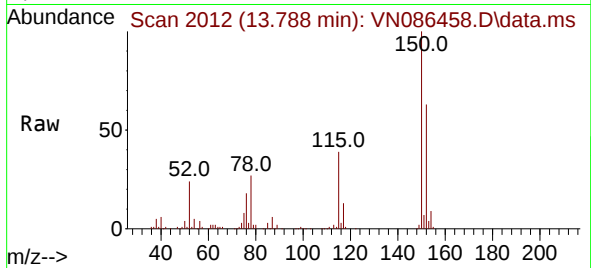
Tgt Ion:117 Resp: 279035
Ion Ratio Lower Upper
117 100
82 56.1 44.7 67.1
119 31.3 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN086458.D
 Acq: 02 May 2025 13:03

Instrument :
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Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.6	31.9	95.9
150	157.6	0.0	352.0

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