

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050225\
 Data File : VN086463.D
 Acq On : 02 May 2025 15:04
 Operator : JC\MD
 Sample : PB167816ZHE#08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167816ZHE#08

Manual Integrations
 APPROVED

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

Quant Time: May 02 23:16:20 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	153552	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	289346	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	278845	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	114666	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	110165	49.476	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.960%			
35) Dibromofluoromethane	8.165	113	72336	53.866	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.740%			
50) Toluene-d8	10.565	98	376240	52.423	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.840%			
62) 4-Bromofluorobenzene	12.847	95	131215	50.125	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.240%			
Target Compounds						
16) Acetone	4.430	43	26484	29.365	ug/l	97
20) Methylene Chloride	5.277	84	8903	4.325	ug/l	87
43) Isopropyl Acetate	8.688	43	38114m	5.759	ug/l	

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

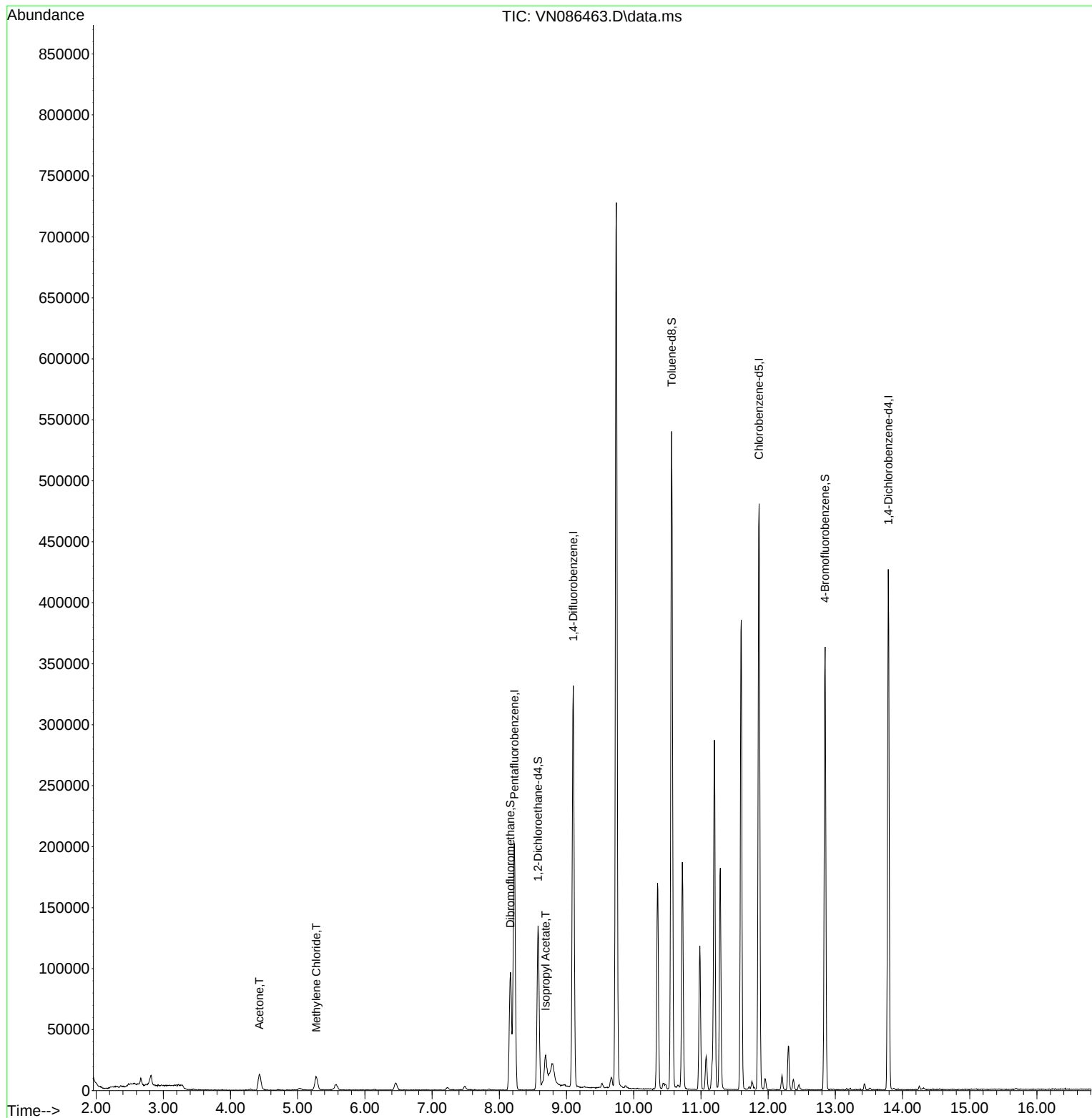
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Data File : VN086463.D
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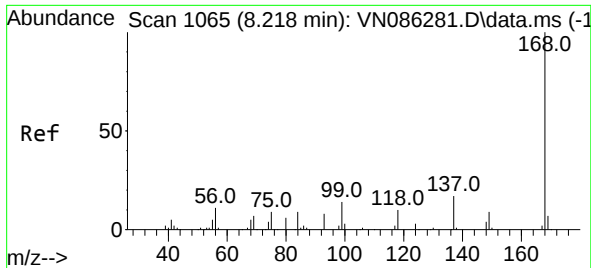
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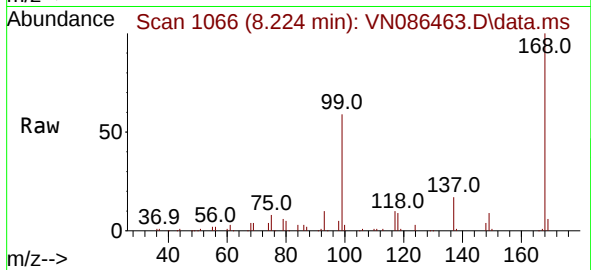
Quant Time: May 02 23:16:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086463.D
Acq: 02 May 2025 15:04

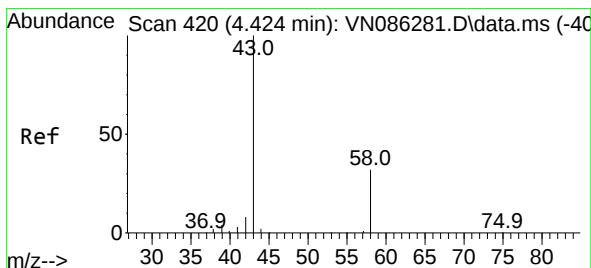
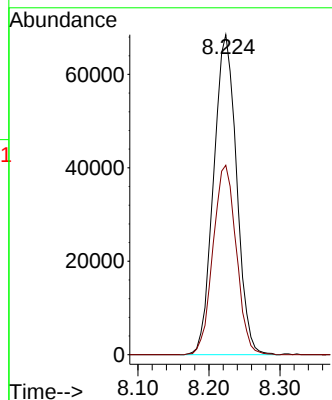
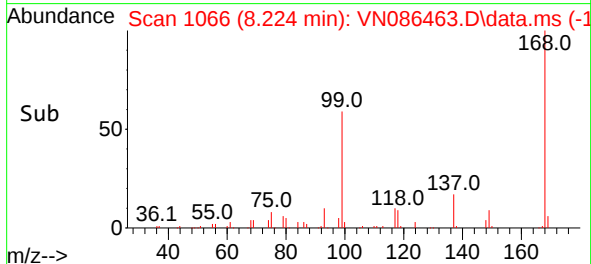
Instrument :
MSVOA_N
ClientSampleId :
PB167816ZHE#08



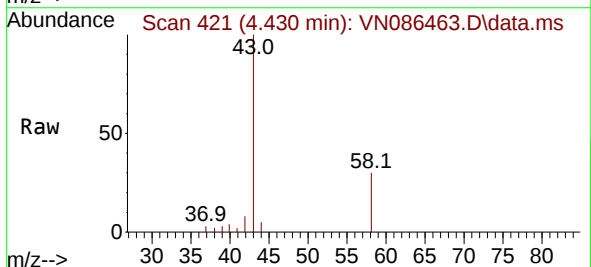
Tgt Ion:168 Resp: 153552
Ion Ratio Lower Upper
168 100
99 59.2 52.5 78.7

Manual Integrations
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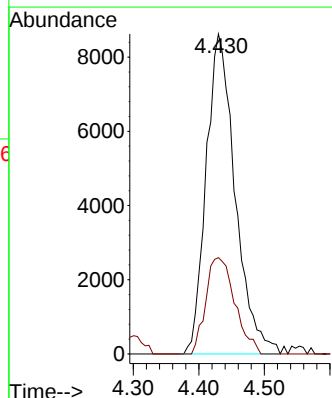
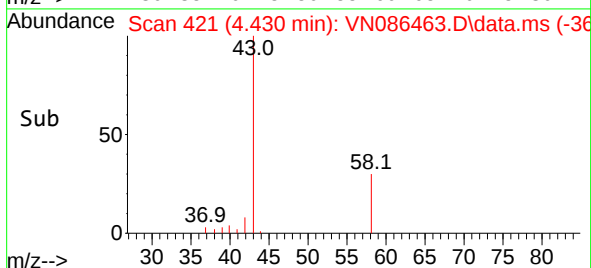
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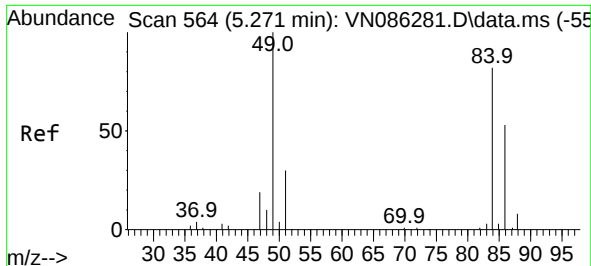


#16
Acetone
Concen: 29.365 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086463.D
Acq: 02 May 2025 15:04



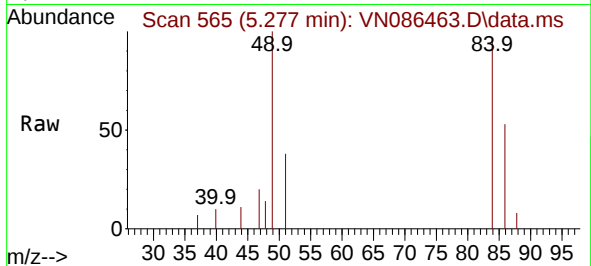
Tgt Ion: 43 Resp: 26484
Ion Ratio Lower Upper
43 100
58 30.1 25.3 37.9





#20
Methylene Chloride
Concen: 4.325 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086463.D
Acq: 02 May 2025 15:04

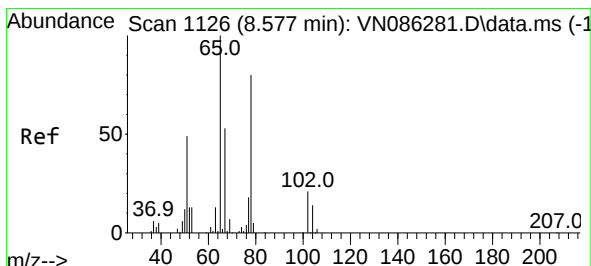
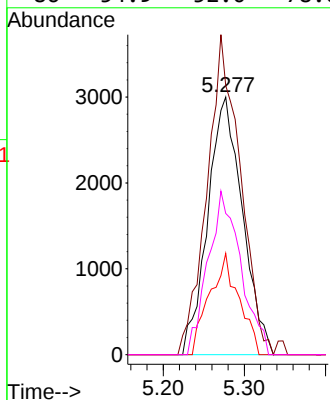
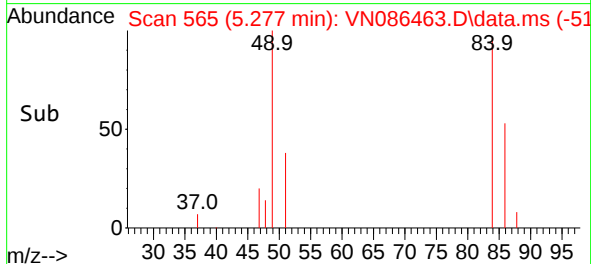
Instrument :
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ClientSampleId :
PB167816ZHE#08



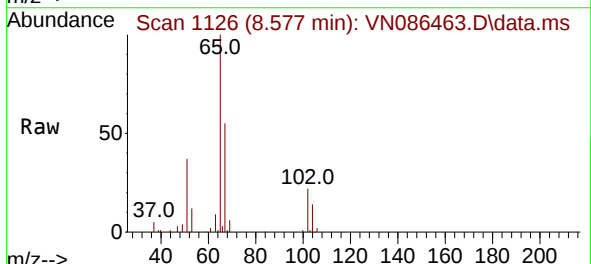
Tgt Ion: 84 Resp: 890
Ion Ratio Lower Upper
84 100
49 104.5 98.2 147.2
51 39.3 29.8 44.6
86 54.9 52.0 78.0

Manual Integrations
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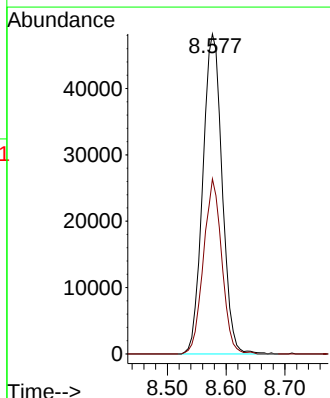
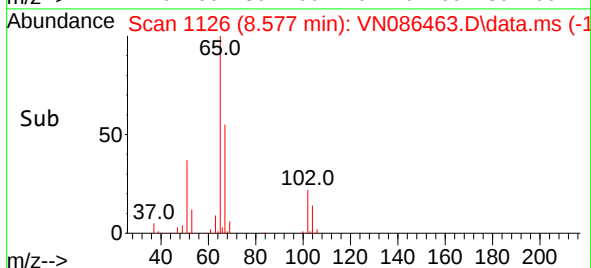
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Supervised By :Semsettin Yesilyurt 05/05/2025

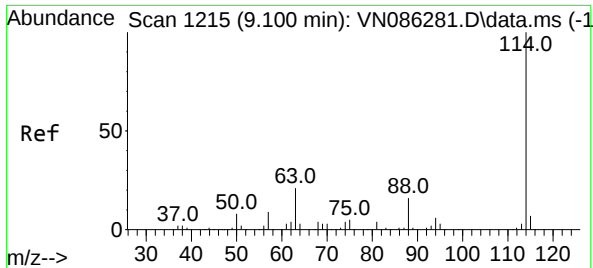


#33
1,2-Dichloroethane-d4
Concen: 49.476 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086463.D
Acq: 02 May 2025 15:04



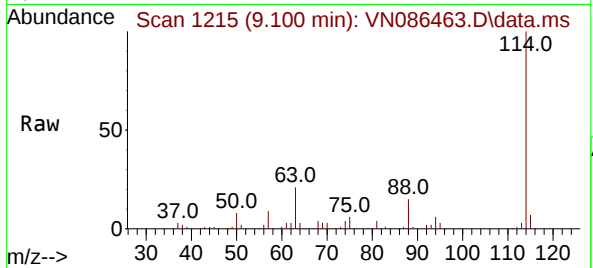
Tgt Ion: 65 Resp: 110165
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN086463.D
Acq: 02 May 2025 15:04

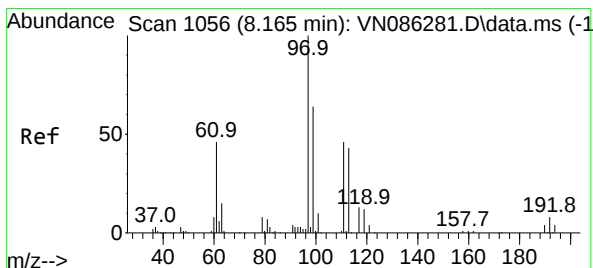
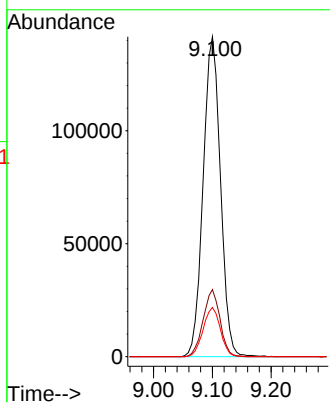
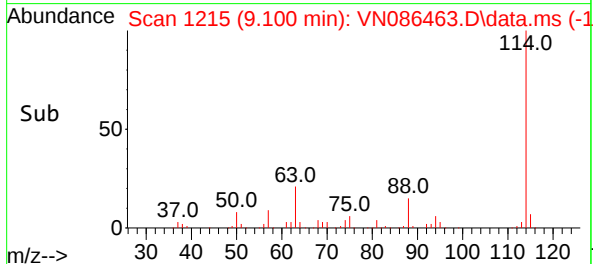
Instrument :
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ClientSampleId :
PB167816ZHE#08



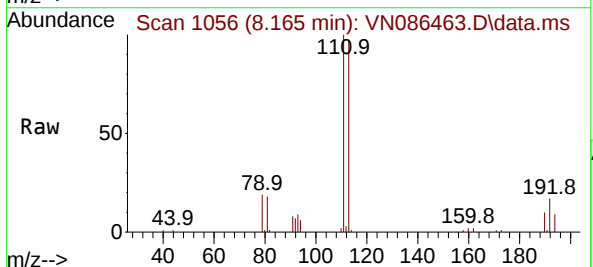
Tgt Ion:114 Resp: 289340
Ion Ratio Lower Upper
114 100
63 20.9 0.0 42.6
88 15.4 0.0 31.8

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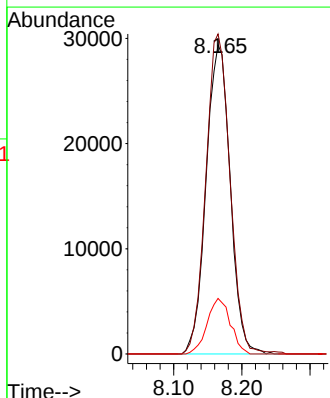
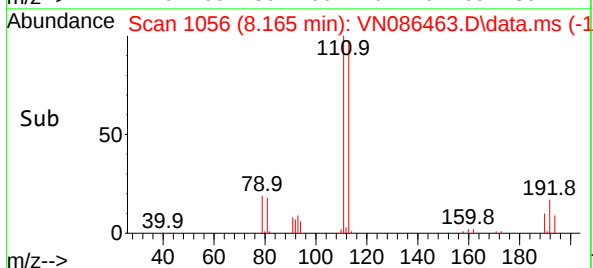
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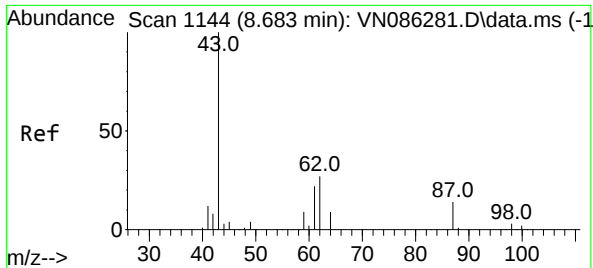


#35
Dibromofluoromethane
Concen: 53.866 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086463.D
Acq: 02 May 2025 15:04



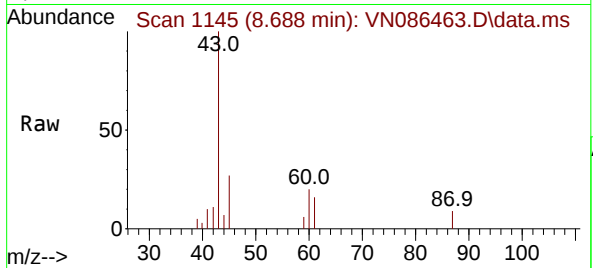
Tgt Ion:113 Resp: 72336
Ion Ratio Lower Upper
113 100
111 103.8 83.4 125.0
192 17.3 13.7 20.5





#43
Isopropyl Acetate
Concen: 5.759 ug/l m
RT: 8.688 min Scan# 1144
Delta R.T. 0.005 min
Lab File: VN086463.D
Acq: 02 May 2025 15:04

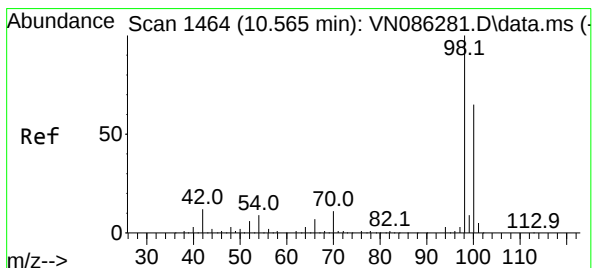
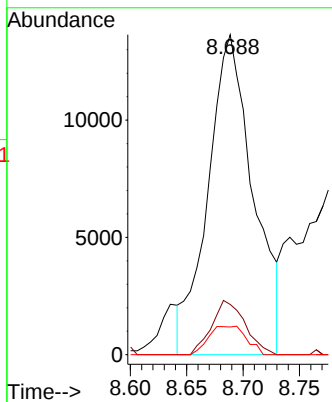
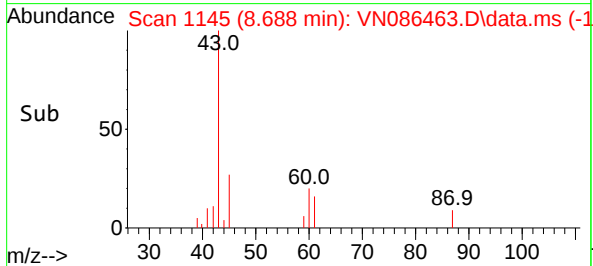
Instrument :
MSVOA_N
ClientSampleId :
PB167816ZHE#08



Tgt Ion: 43 Resp: 38114
Ion Ratio Lower Upper
43 100
61 12.5 20.5 30.7
87 7.4 10.5 15.7

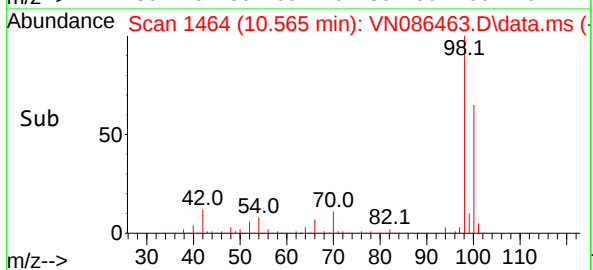
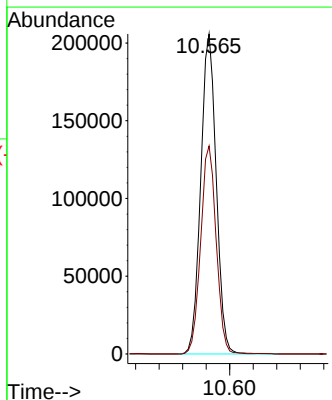
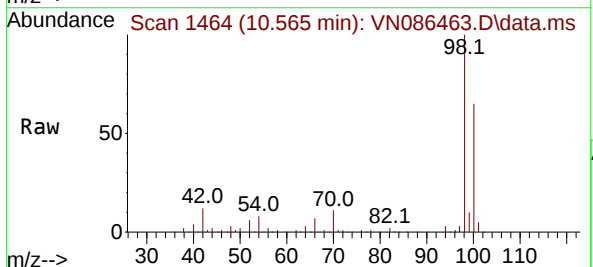
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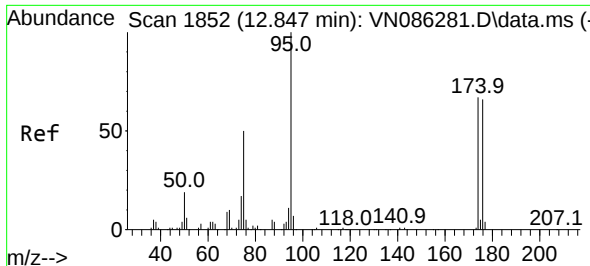
Reviewed By :John Carlone 05/05/2025
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#50
Toluene-d8
Concen: 52.423 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086463.D
Acq: 02 May 2025 15:04

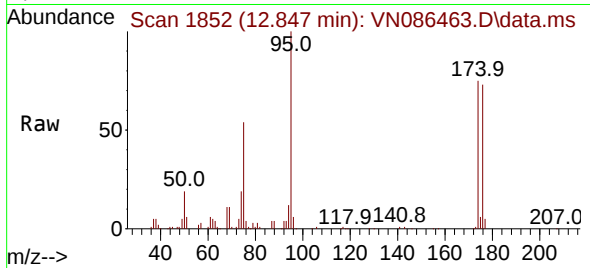
Tgt Ion: 98 Resp: 376240
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7





#62
4-Bromofluorobenzene
Concen: 50.125 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086463.D
Acq: 02 May 2025 15:04

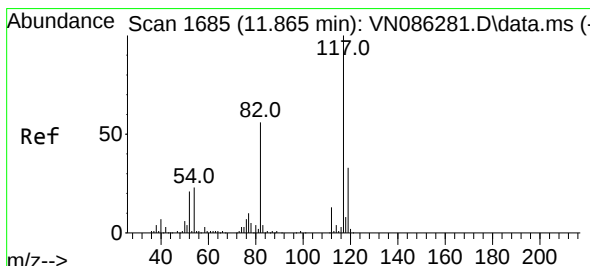
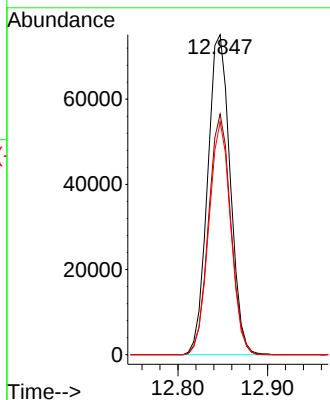
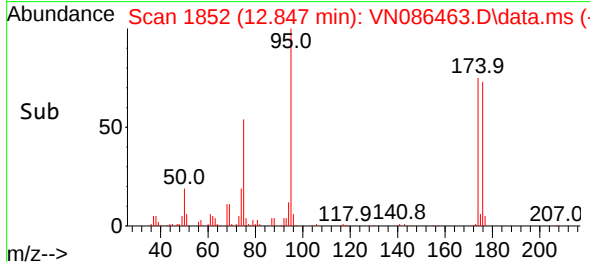
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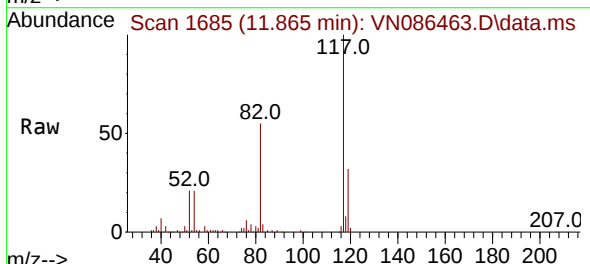
Tgt Ion: 95 Resp: 131215
Ion Ratio Lower Upper
95 100
174 74.0 0.0 133.4
176 70.6 0.0 129.2

Manual Integrations
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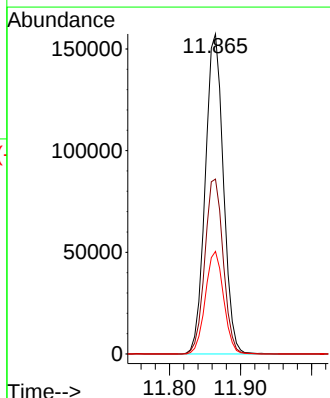
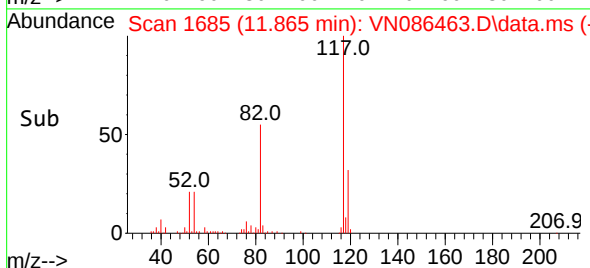
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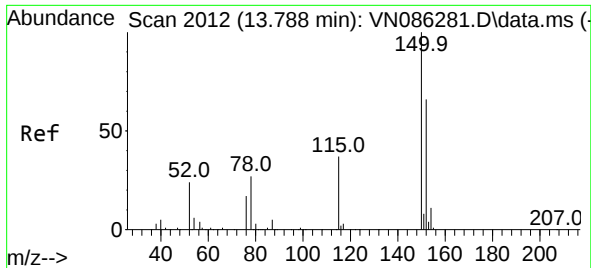


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086463.D
Acq: 02 May 2025 15:04



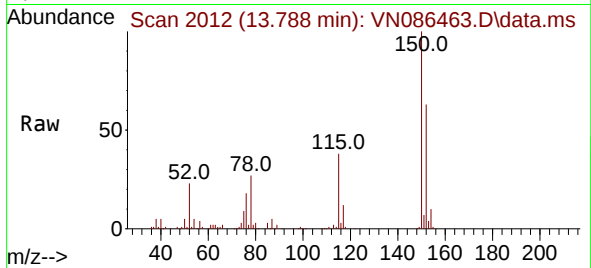
Tgt Ion:117 Resp: 278845
Ion Ratio Lower Upper
117 100
82 54.7 44.7 67.1
119 32.1 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN086463.D
 Acq: 02 May 2025 15:04

Instrument :
 MSVOA_N
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Tgt Ion:152 Resp: 11466
 Ion Ratio Lower Upper
 152 100
 115 60.4 31.9 95.9
 150 158.9 0.0 352.0

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