

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050225\
 Data File : VN086459.D
 Acq On : 02 May 2025 13:27
 Operator : JC\MD
 Sample : PB167816ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167816ZHE#04

Manual Integrations
 APPROVED

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

Quant Time: May 02 23:15:39 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	163168	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	309740	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	309430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	127556	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	115464	48.800	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.600%		
35) Dibromofluoromethane	8.165	113	77821	54.135	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	108.260%		
50) Toluene-d8	10.565	98	403618	52.534	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	105.060%		
62) 4-Bromofluorobenzene	12.847	95	144575	51.592	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	103.180%		
Target Compounds						
16) Acetone	4.430	43	32818	35.214	ug/l	97
20) Methylene Chloride	5.283	84	9365	4.281	ug/l	93
43) Isopropyl Acetate	8.683	43	33376m	4.366	ug/l	

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

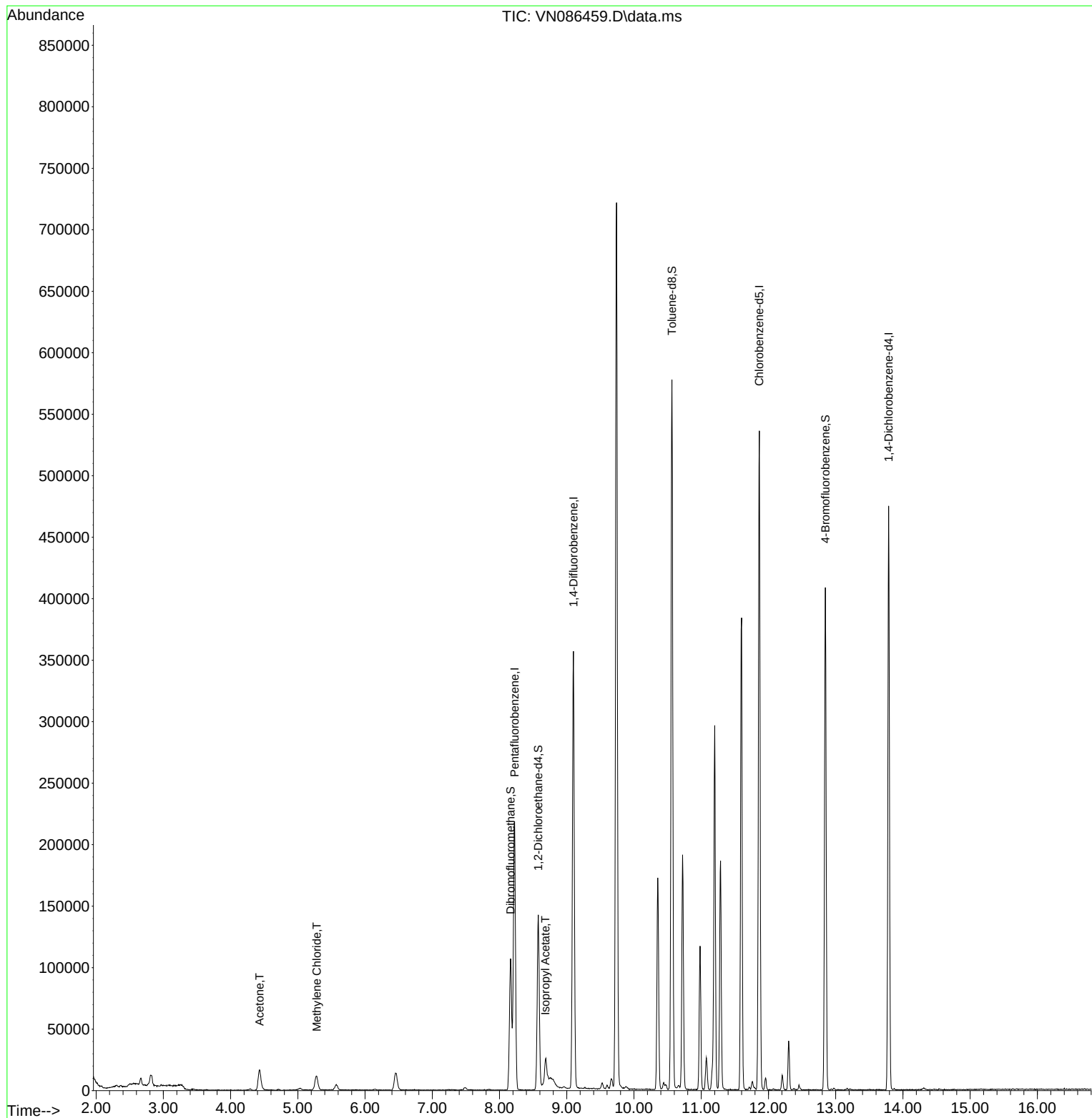
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050225\
Data File : VN086459.D
Acq On : 02 May 2025 13:27
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Misc : 5.0mL/MSVOA_N/WATER
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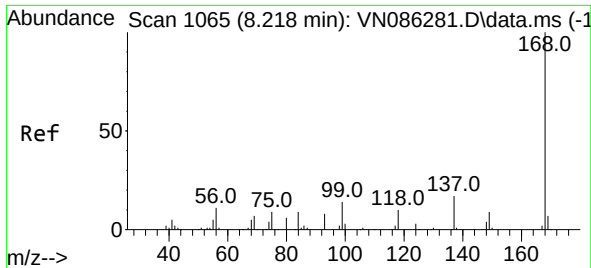
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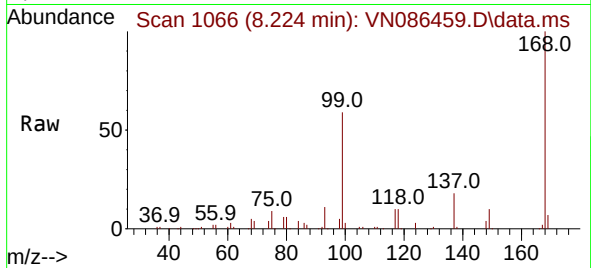
Quant Time: May 02 23:15:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086459.D
Acq: 02 May 2025 13:27

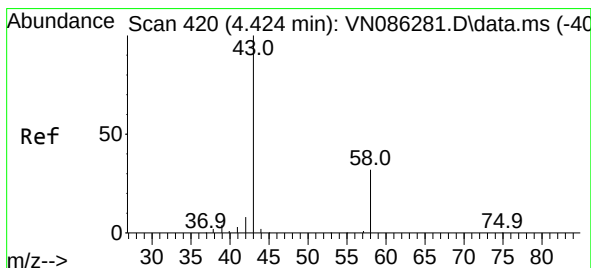
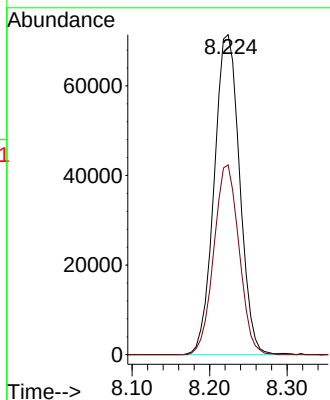
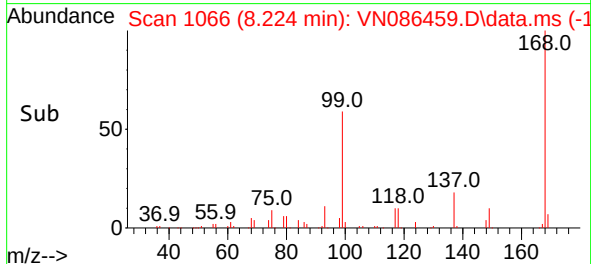
Instrument :
MSVOA_N
ClientSampleId :
PB167816ZHE#04



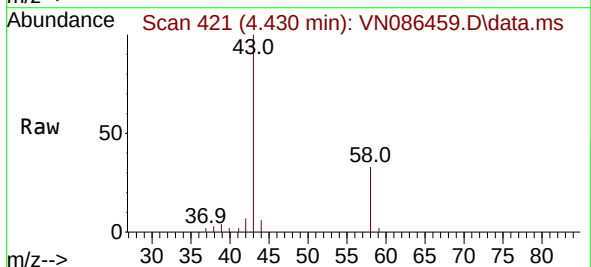
Tgt Ion:168 Resp: 163168
Ion Ratio Lower Upper
168 100
99 59.3 52.5 78.7

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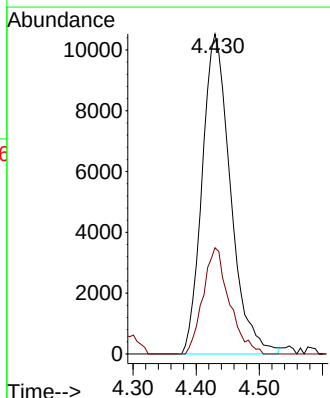
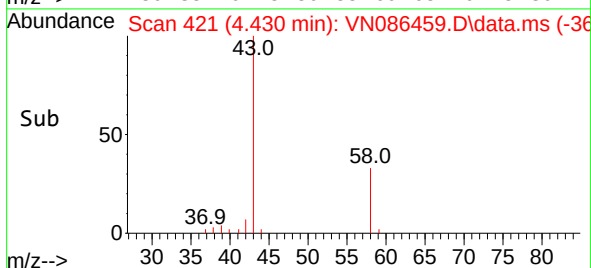
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

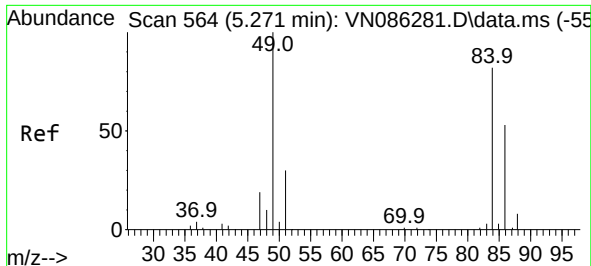


#16
Acetone
Concen: 35.214 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086459.D
Acq: 02 May 2025 13:27



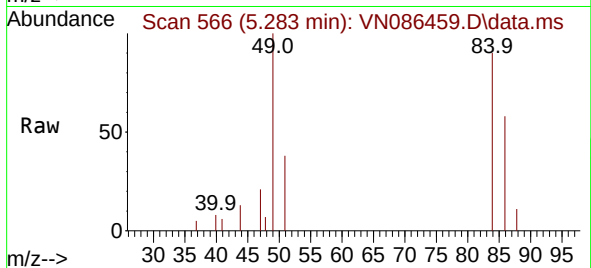
Tgt Ion: 43 Resp: 32818
Ion Ratio Lower Upper
43 100
58 33.2 25.3 37.9





#20
Methylene Chloride
Concen: 4.281 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN086459.D
Acq: 02 May 2025 13:27

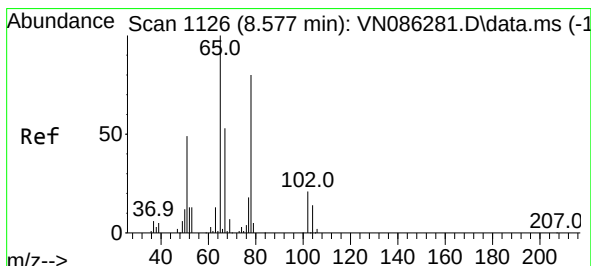
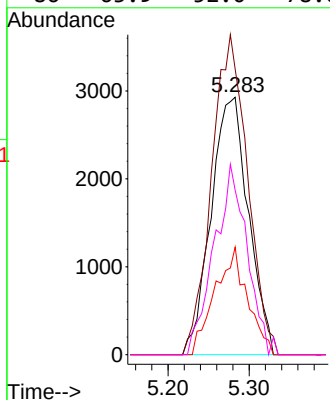
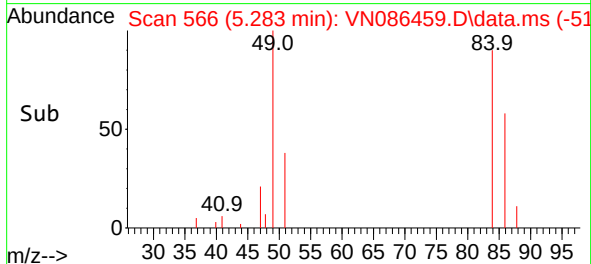
Instrument :
MSVOA_N
ClientSampleId :
PB167816ZHE#04



Tgt Ion: 84 Resp: 936
Ion Ratio Lower Upper
84 100
49 111.0 98.2 147.2
51 41.8 29.8 44.6
86 63.9 52.0 78.0

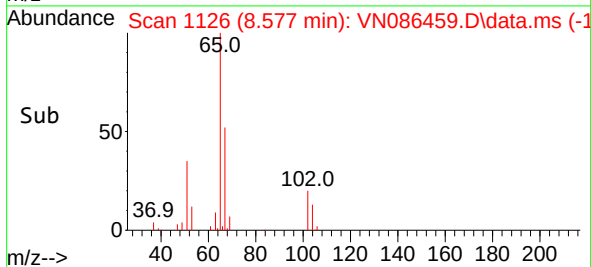
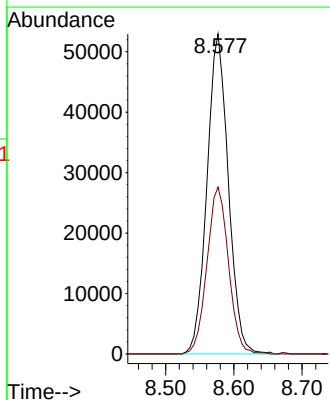
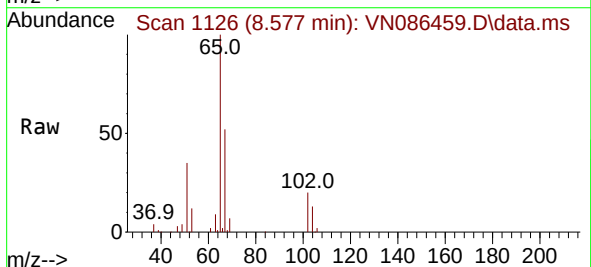
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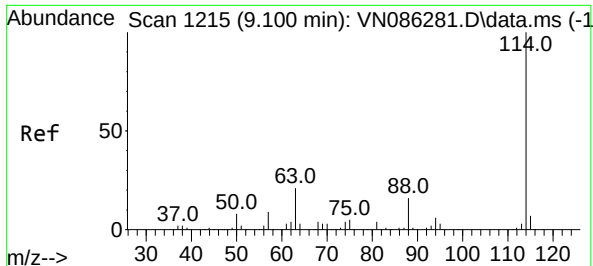
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#33
1,2-Dichloroethane-d4
Concen: 48.800 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086459.D
Acq: 02 May 2025 13:27

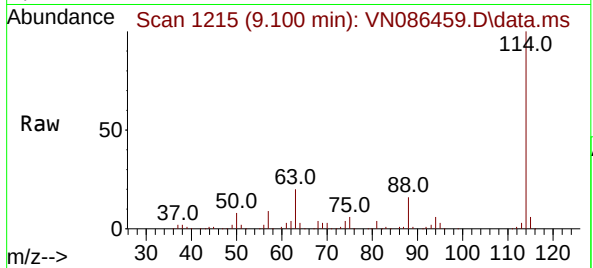
Tgt Ion: 65 Resp: 115464
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN086459.D
Acq: 02 May 2025 13:27

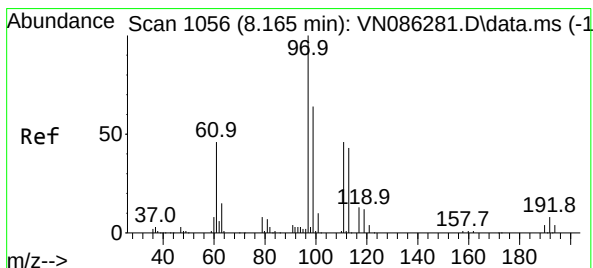
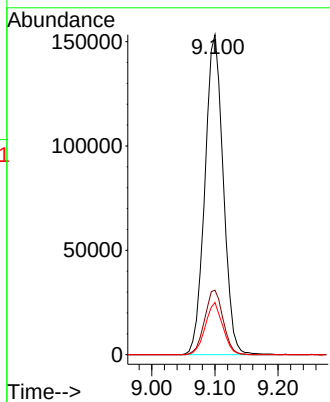
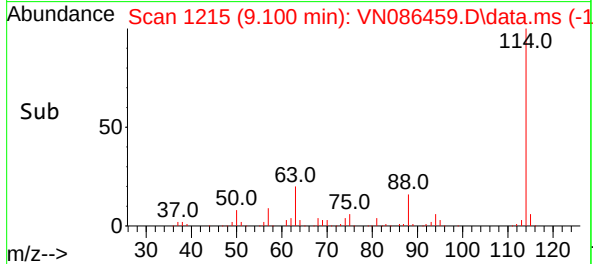
Instrument :
MSVOA_N
ClientSampleId :
PB167816ZHE#04



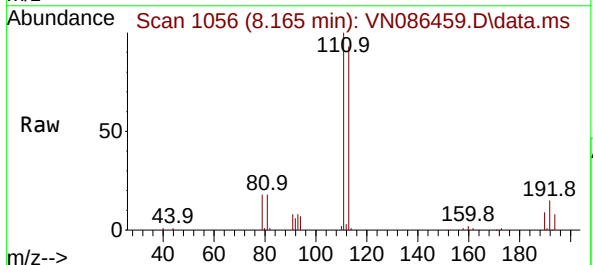
Tgt Ion:114 Resp: 309740
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.6
88 16.3 0.0 31.8

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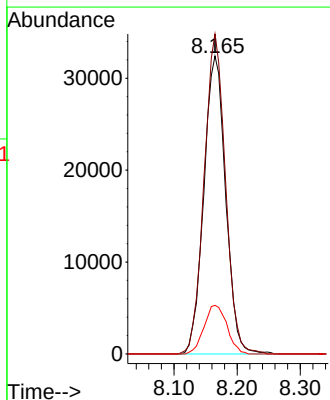
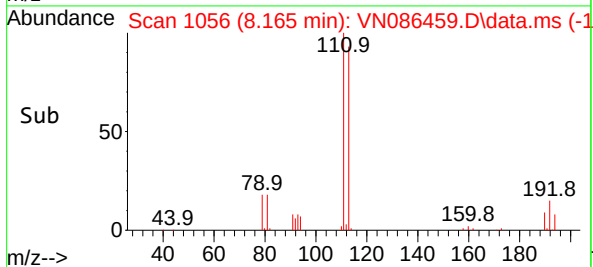
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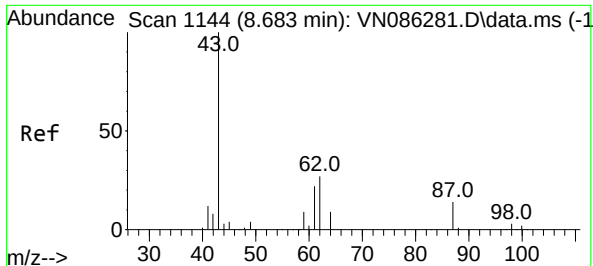


#35
Dibromofluoromethane
Concen: 54.135 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086459.D
Acq: 02 May 2025 13:27



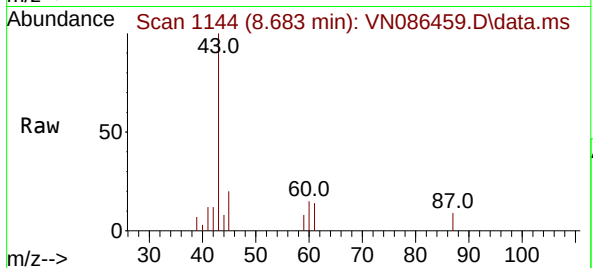
Tgt Ion:113 Resp: 77821
Ion Ratio Lower Upper
113 100
111 104.8 83.4 125.0
192 17.2 13.7 20.5





#43
Isopropyl Acetate
Concen: 4.366 ug/l m
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086459.D
Acq: 02 May 2025 13:27

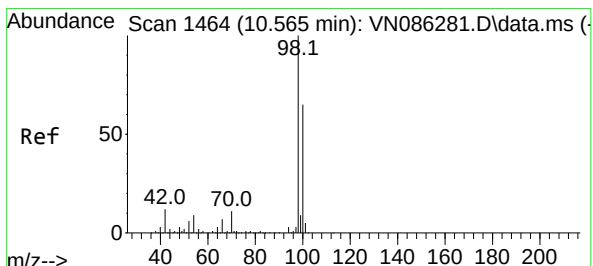
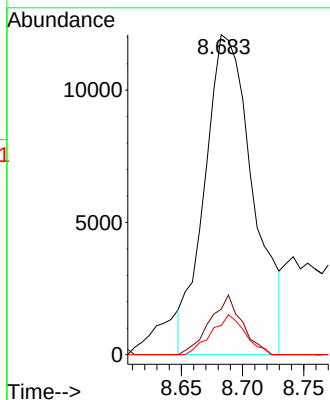
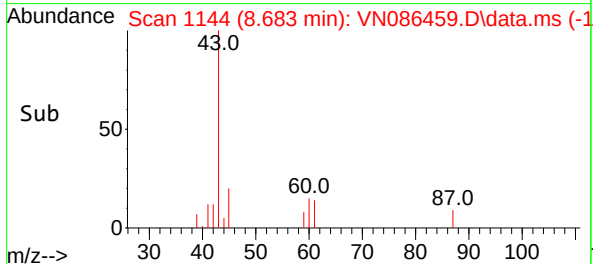
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PB167816ZHE#04



Tgt Ion: 43 Resp: 33370
Ion Ratio Lower Upper
43 100
61 12.4 20.5 30.7
87 8.6 10.5 15.7

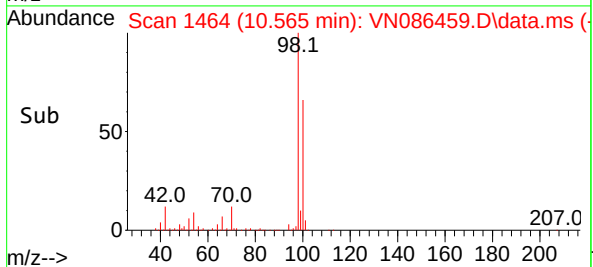
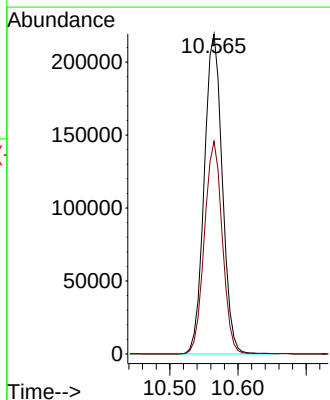
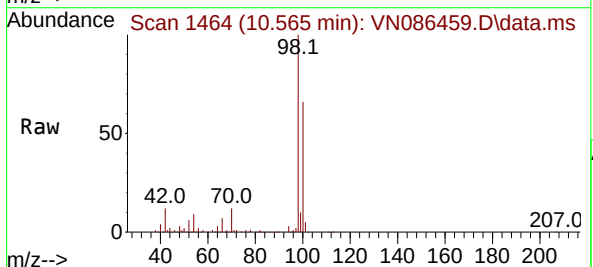
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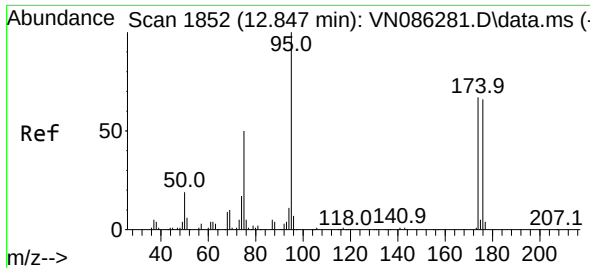
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#50
Toluene-d8
Concen: 52.534 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086459.D
Acq: 02 May 2025 13:27

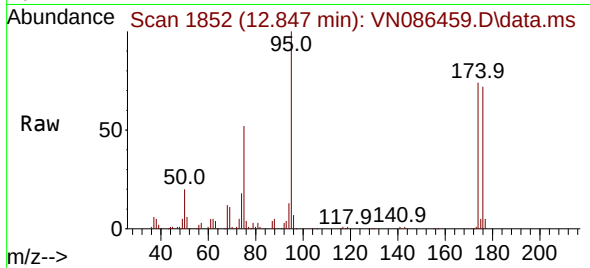
Tgt Ion: 98 Resp: 403618
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7





#62
4-Bromofluorobenzene
Concen: 51.592 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086459.D
Acq: 02 May 2025 13:27

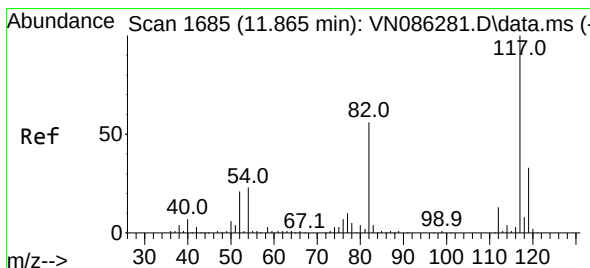
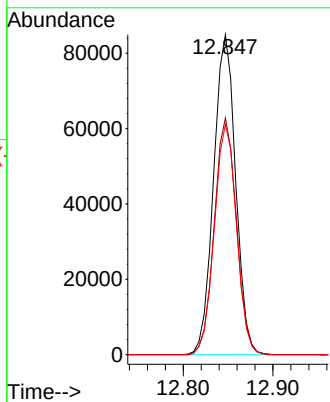
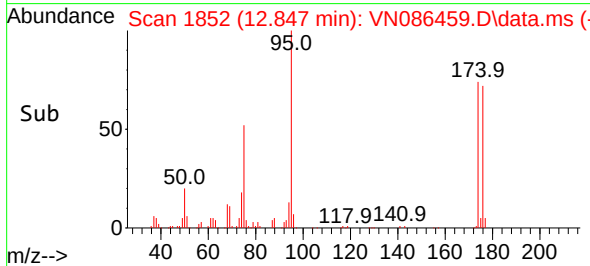
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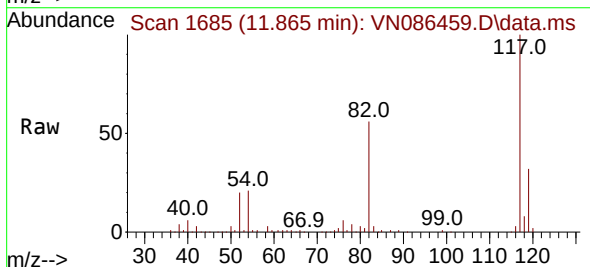
Tgt Ion: 95 Resp: 144579
Ion Ratio Lower Upper
95 100
174 74.5 0.0 133.4
176 72.4 0.0 129.2

Manual Integrations
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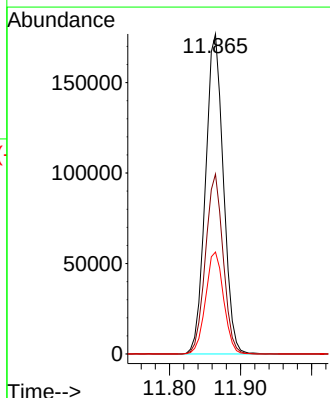
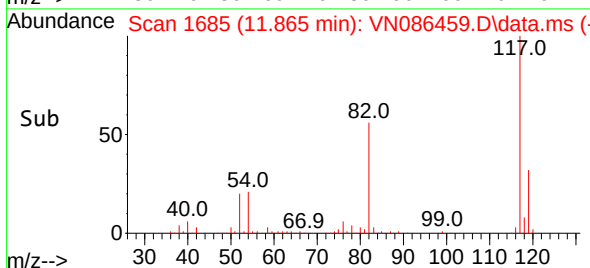
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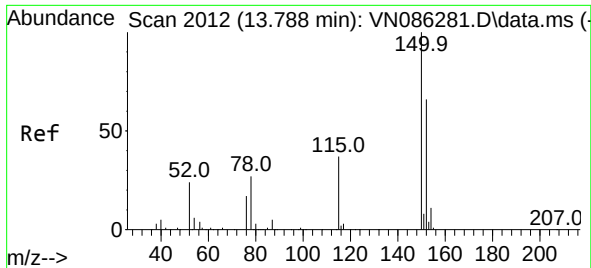


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086459.D
Acq: 02 May 2025 13:27



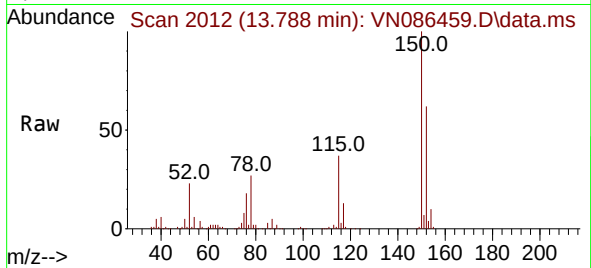
Tgt Ion:117 Resp: 309430
Ion Ratio Lower Upper
117 100
82 56.2 44.7 67.1
119 31.8 26.4 39.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN086459.D
Acq: 02 May 2025 13:27

Instrument :
MSVOA_N
ClientSampleId :
PB167816ZHE#04



Tgt Ion:152 Resp: 127550
Ion Ratio Lower Upper
152 100
115 60.2 31.9 95.9
150 159.4 0.0 352.0

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