

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050225\
 Data File : VN086472.D
 Acq On : 02 May 2025 18:43
 Operator : JC\MD
 Sample : PB167816ZHE#17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167816ZHE#17

Manual Integrations
 APPROVED

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

Quant Time: May 02 23:17:50 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	144118	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	275910	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	260247	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	109517	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	103563	49.555	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.120%		
35) Dibromofluoromethane	8.165	113	68605	53.575	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	107.160%		
50) Toluene-d8	10.565	98	348719	50.954	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.900%		
62) 4-Bromofluorobenzene	12.847	95	121199	48.553	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.100%		
Target Compounds						
16) Acetone	4.436	43	26236	31.319	ug/l	94
20) Methylene Chloride	5.271	84	5769	2.986	ug/l	91
43) Isopropyl Acetate	8.688	43	36822m	5.860	ug/l	

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

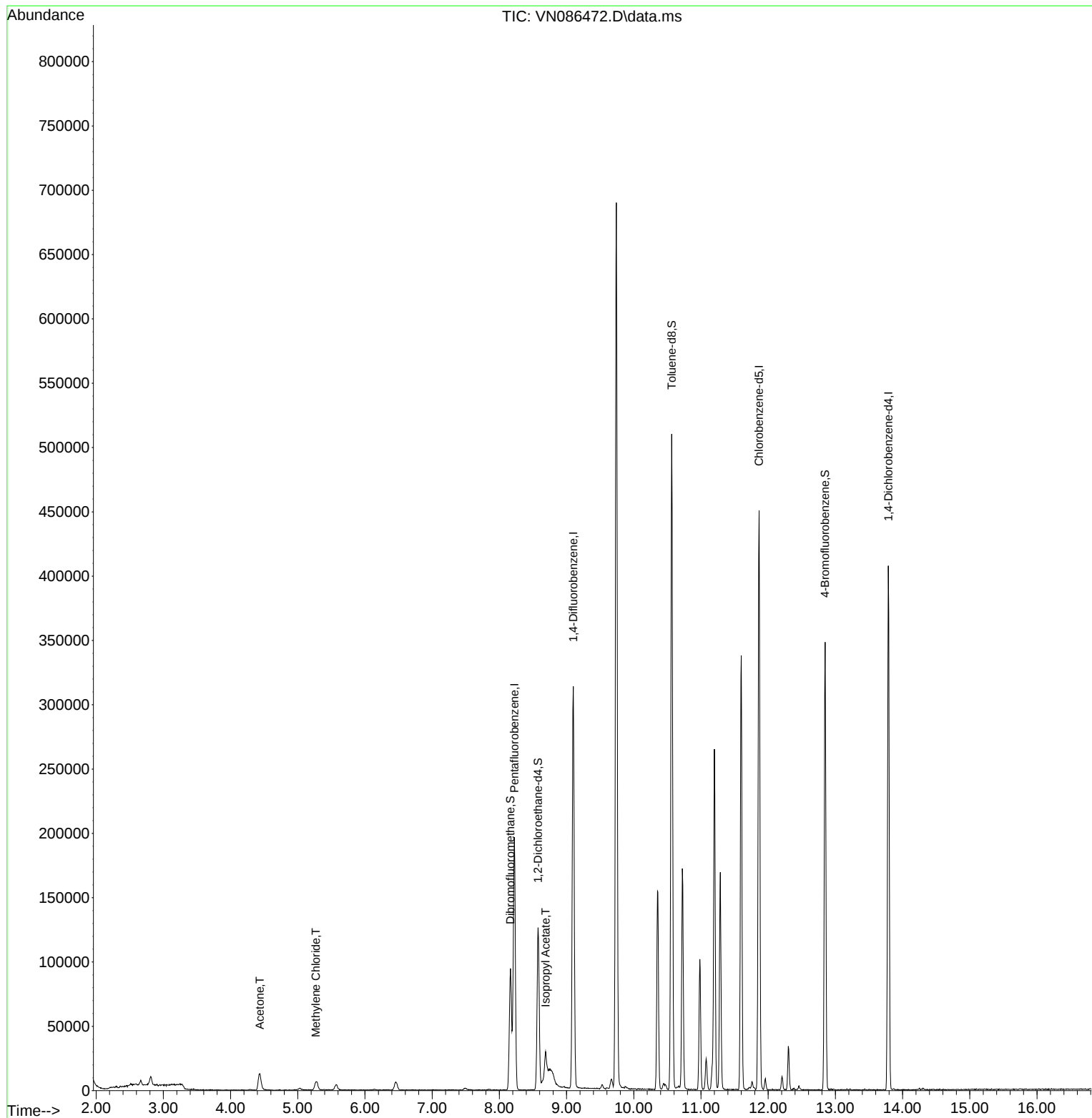
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050225\
Data File : VN086472.D
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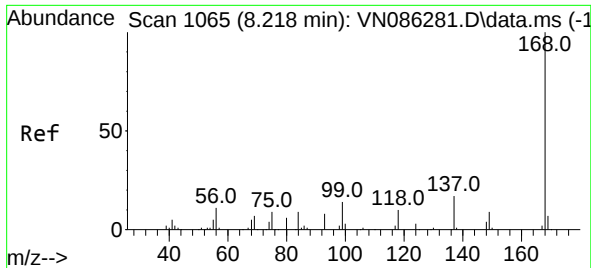
Instrument :
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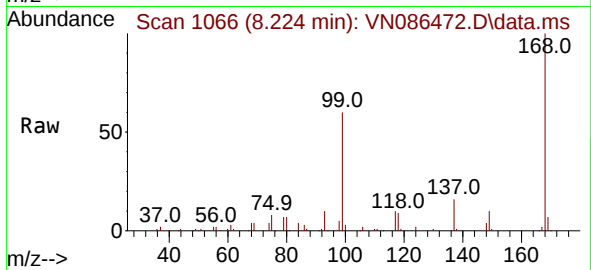
Quant Time: May 02 23:17:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086472.D
Acq: 02 May 2025 18:43

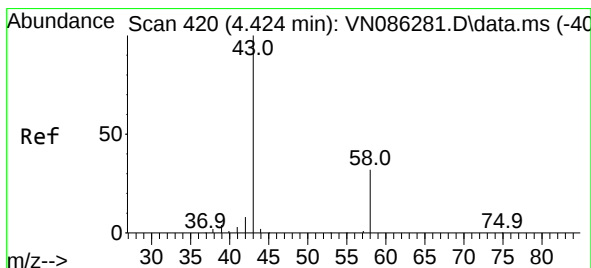
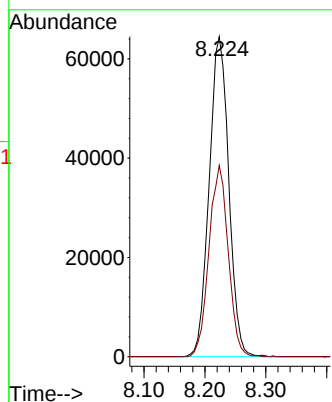
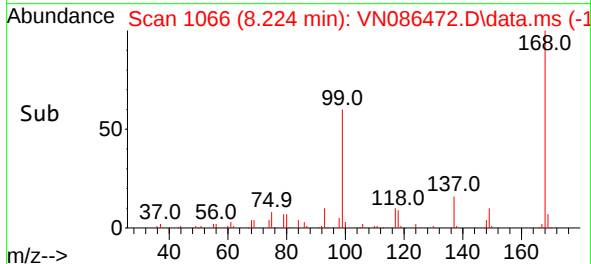
Instrument :
MSVOA_N
ClientSampleId :
PB167816ZHE#17



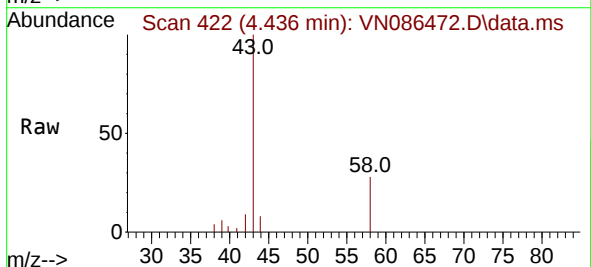
Tgt Ion:168 Resp: 144118
Ion Ratio Lower Upper
168 100
99 59.7 52.5 78.7

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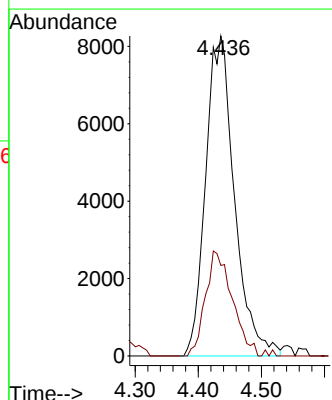
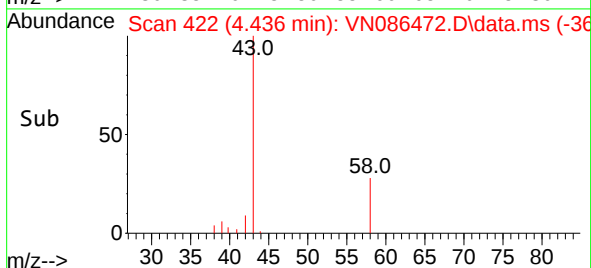
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#16
Acetone
Concen: 31.319 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN086472.D
Acq: 02 May 2025 18:43



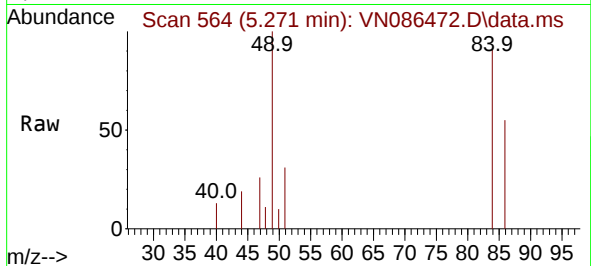
Tgt Ion: 43 Resp: 26236
Ion Ratio Lower Upper
43 100
58 28.3 25.3 37.9





#20
Methylene Chloride
Concen: 2.986 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086472.D
Acq: 02 May 2025 18:43

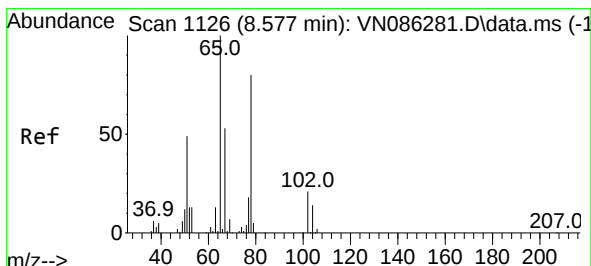
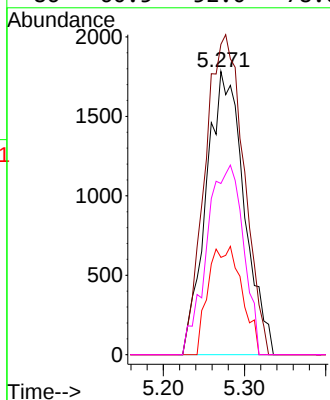
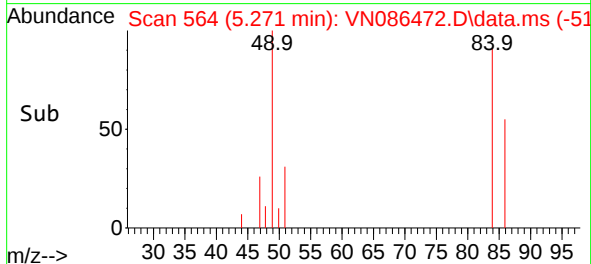
Instrument :
MSVOA_N
ClientSampleId :
PB167816ZHE#17



Tgt Ion: 84 Resp: 5769
Ion Ratio Lower Upper
84 100
49 109.7 98.2 147.2
51 34.4 29.8 44.6
86 60.5 52.0 78.0

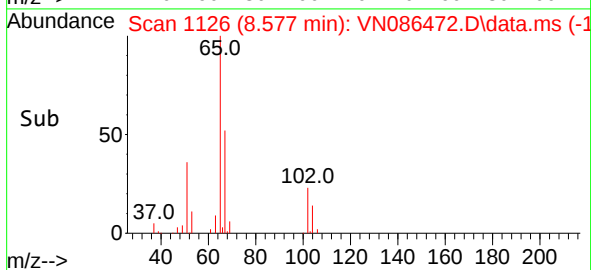
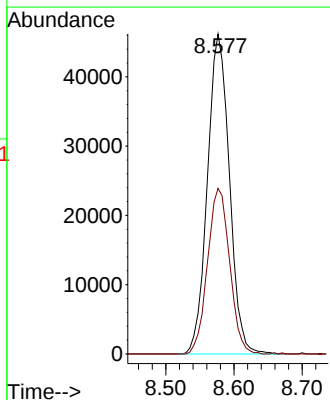
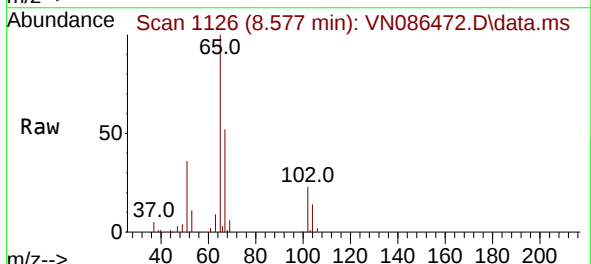
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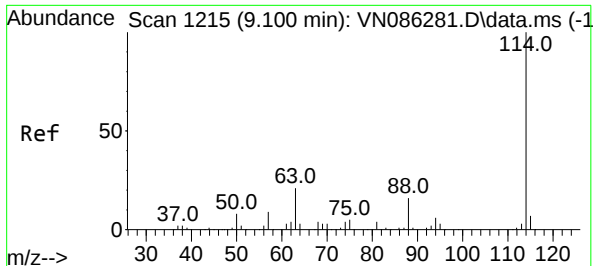
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#33
1,2-Dichloroethane-d4
Concen: 49.555 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086472.D
Acq: 02 May 2025 18:43

Tgt Ion: 65 Resp: 103563
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# 1

Delta R.T. -0.000 min

Lab File: VN086472.D

Acq: 02 May 2025 18:43

Instrument :

MSVOA_N

ClientSampleId :

PB167816ZHE#17

Tgt Ion:114 Resp: 275910

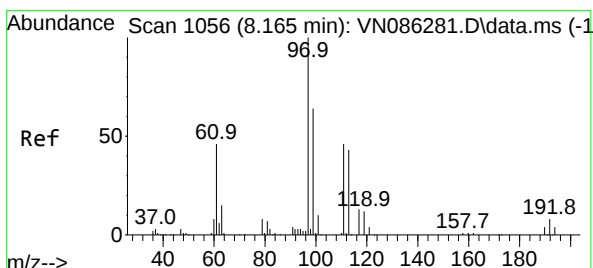
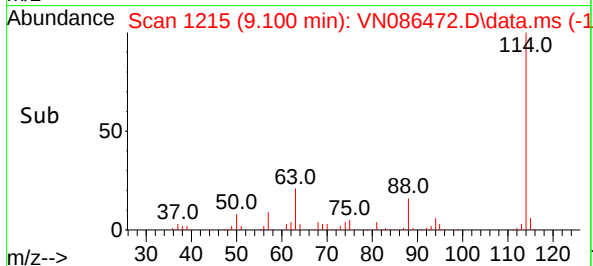
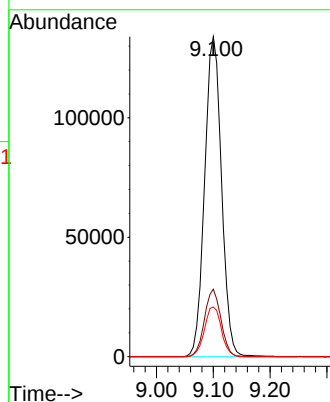
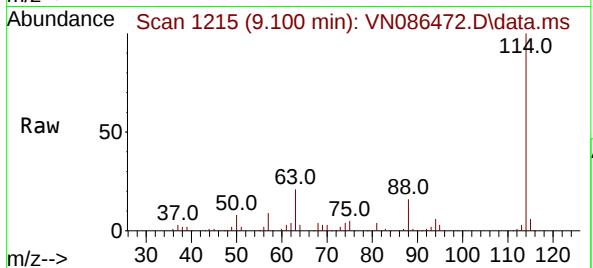
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	42.6
88	15.6	0.0	31.8

Manual Integrations

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Supervised By :Semsettin Yesilyurt 05/05/2025



#35

Dibromofluoromethane

Concen: 53.575 ug/l

RT: 8.165 min Scan# 1056

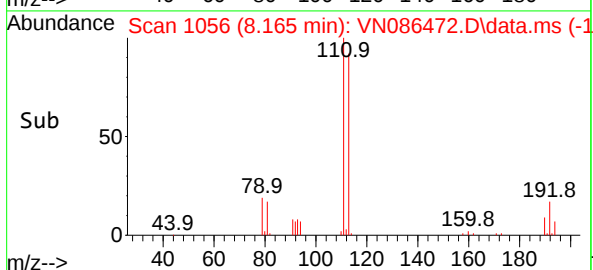
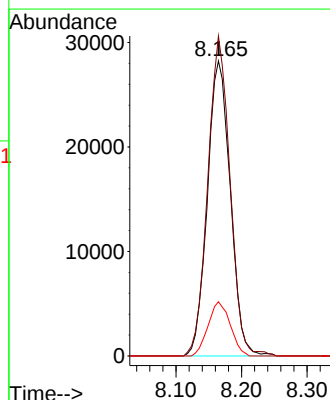
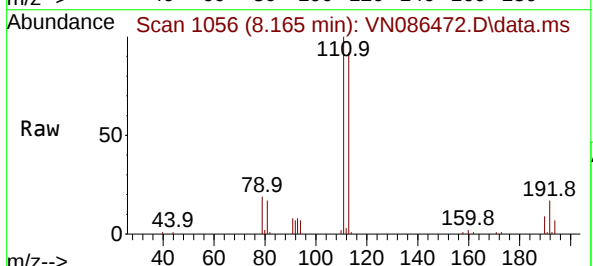
Delta R.T. -0.000 min

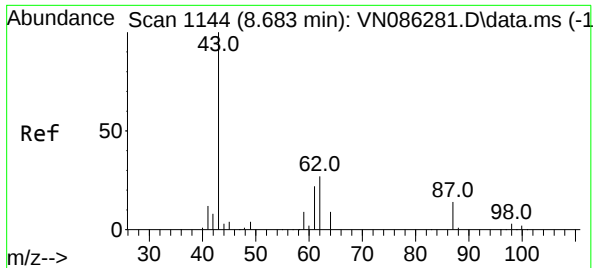
Lab File: VN086472.D

Acq: 02 May 2025 18:43

Tgt Ion:113 Resp: 68605

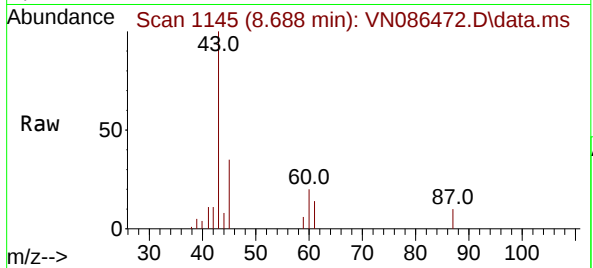
Ion	Ratio	Lower	Upper
113	100		
111	105.3	83.4	125.0
192	17.7	13.7	20.5





#43
Isopropyl Acetate
Concen: 5.860 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN086472.D
Acq: 02 May 2025 18:43

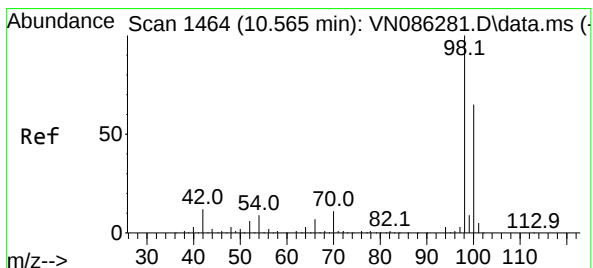
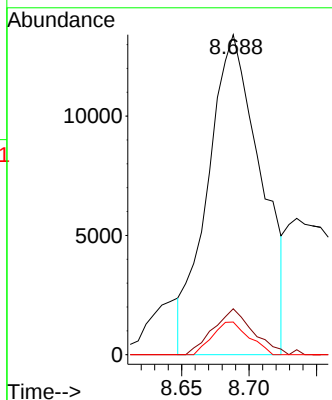
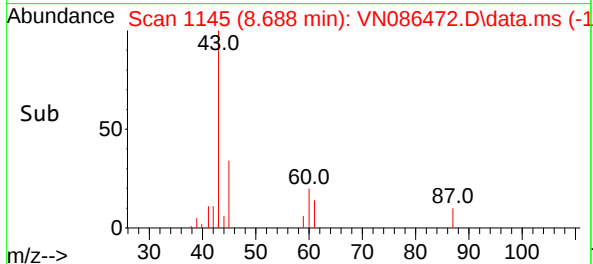
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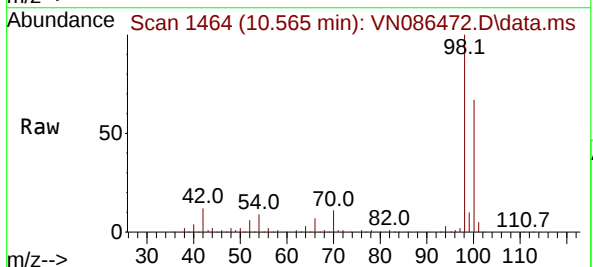
Tgt Ion: 43 Resp: 3682
Ion Ratio Lower Upper
43 100
61 10.9 20.5 30.7
87 7.0 10.5 15.7

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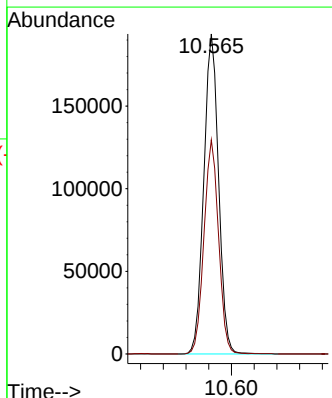
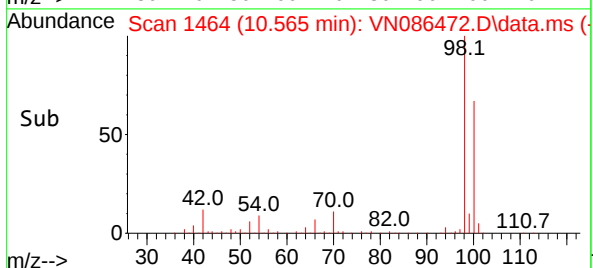
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

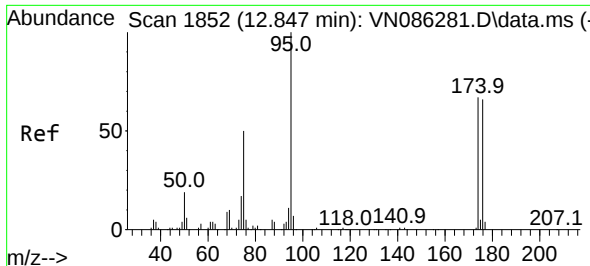


#50
Toluene-d8
Concen: 50.954 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086472.D
Acq: 02 May 2025 18:43



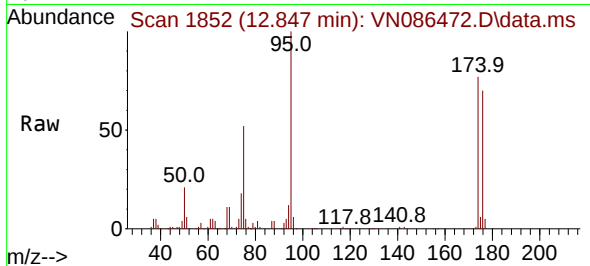
Tgt Ion: 98 Resp: 348719
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7





#62
4-Bromofluorobenzene
Concen: 48.553 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086472.D
Acq: 02 May 2025 18:43

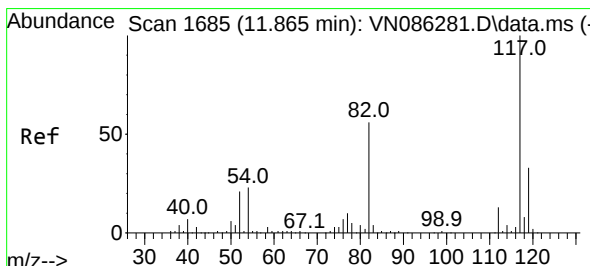
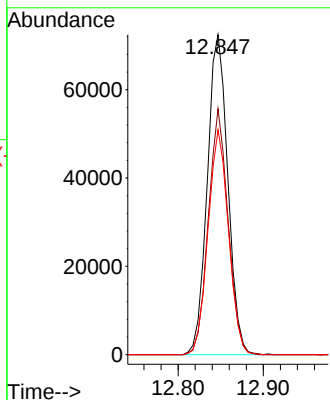
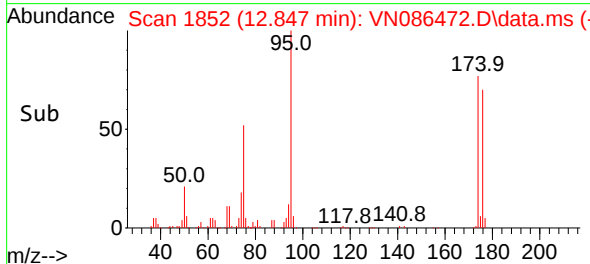
Instrument :
MSVOA_N
ClientSampleId :
PB167816ZHE#17



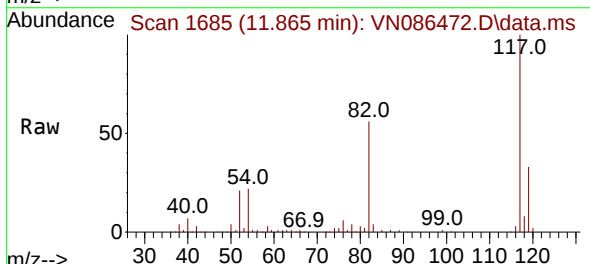
Tgt Ion: 95 Resp: 121199
Ion Ratio Lower Upper
95 100
174 74.1 0.0 133.4
176 69.9 0.0 129.2

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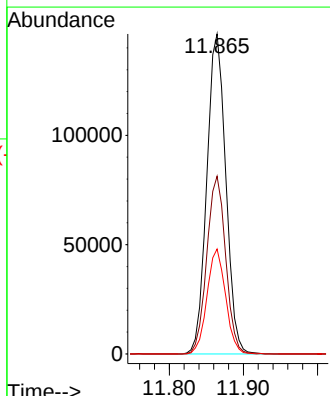
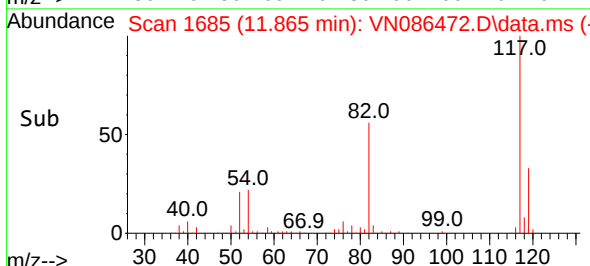
Reviewed By :John Carlone 05/05/2025
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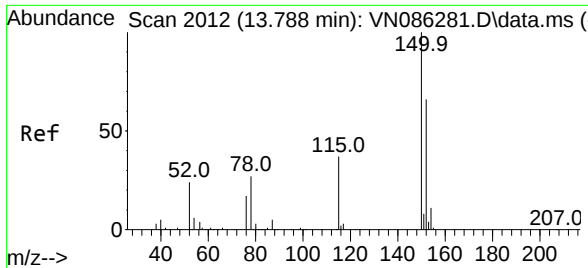


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086472.D
Acq: 02 May 2025 18:43



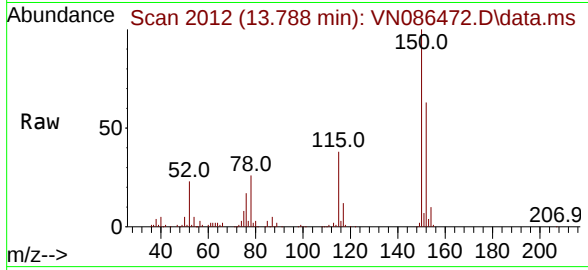
Tgt Ion:117 Resp: 260247
Ion Ratio Lower Upper
117 100
82 55.6 44.7 67.1
119 32.8 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086472.D
 Acq: 02 May 2025 18:43

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167816ZHE#17



Tgt Ion:152 Resp: 10951
 Ion Ratio Lower Upper
 152 100
 115 61.3 31.9 95.9
 150 159.5 0.0 352.0

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