

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050225\
 Data File : VN086470.D
 Acq On : 02 May 2025 17:54
 Operator : JC\MD
 Sample : PB167816ZHE#15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167816ZHE#15

Manual Integrations
 APPROVED

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

Quant Time: May 02 23:17:31 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	150620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	289416	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	278066	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	119610	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	108066	49.478	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.960%		
35) Dibromofluoromethane	8.165	113	71102	52.934	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.860%		
50) Toluene-d8	10.565	98	369777	51.510	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.020%		
62) 4-Bromofluorobenzene	12.847	95	130998	50.030	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.060%		
Target Compounds					Qvalue	
16) Acetone	4.436	43	27186	31.002	ug/l	98
20) Methylene Chloride	5.277	84	6128	3.035	ug/l	87
43) Isopropyl Acetate	8.683	43	40624m	6.262	ug/l	

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

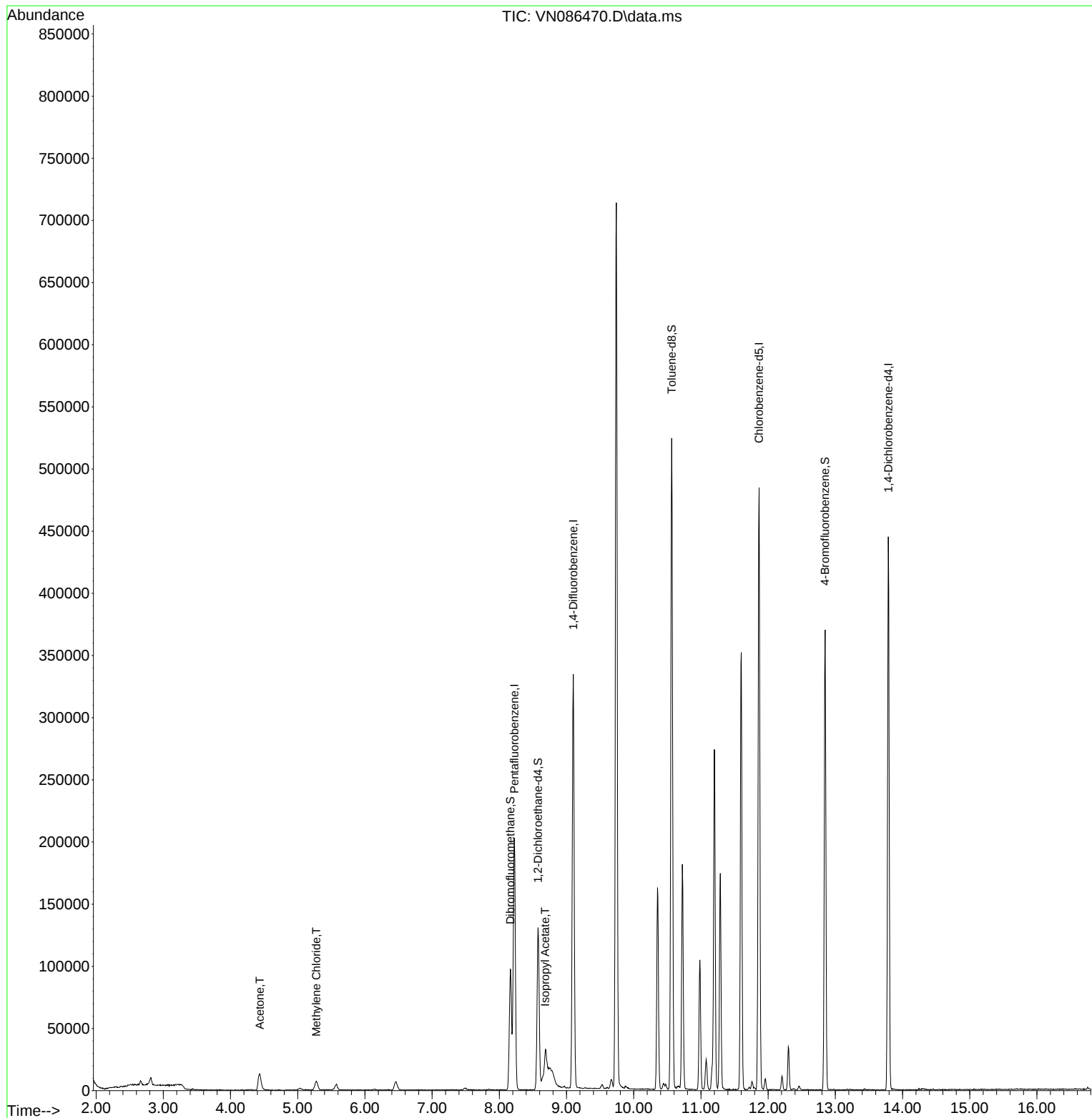
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050225\
Data File : VN086470.D
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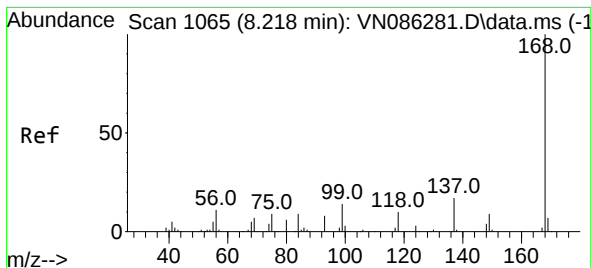
Instrument :
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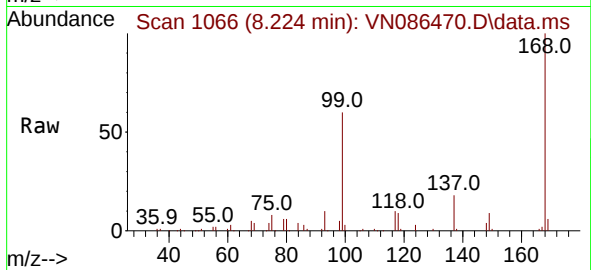
Quant Time: May 02 23:17:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086470.D
Acq: 02 May 2025 17:54

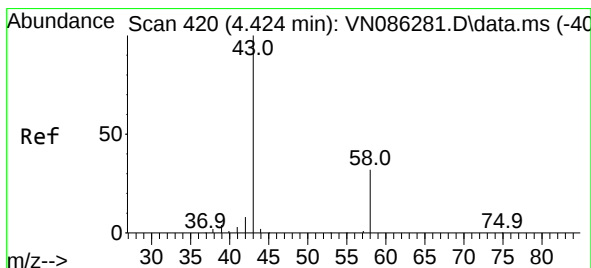
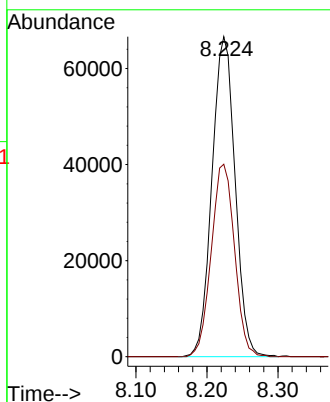
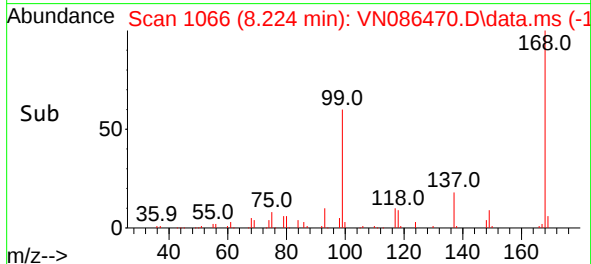
Instrument :
MSVOA_N
ClientSampleId :
PB167816ZHE#15



Tgt Ion:168 Resp: 150620
Ion Ratio Lower Upper
168 100
99 60.2 52.5 78.7

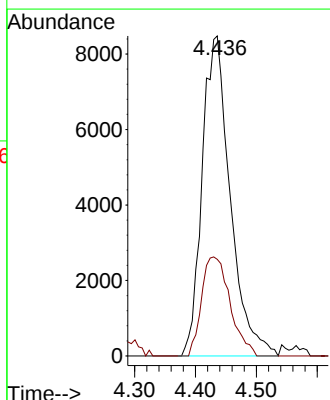
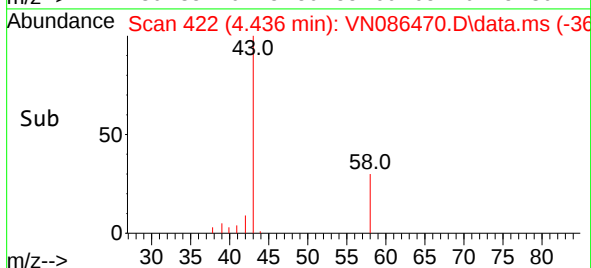
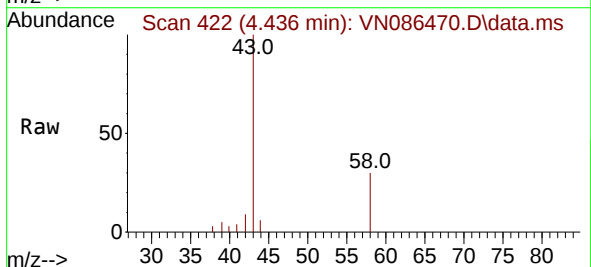
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#16
Acetone
Concen: 31.002 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN086470.D
Acq: 02 May 2025 17:54

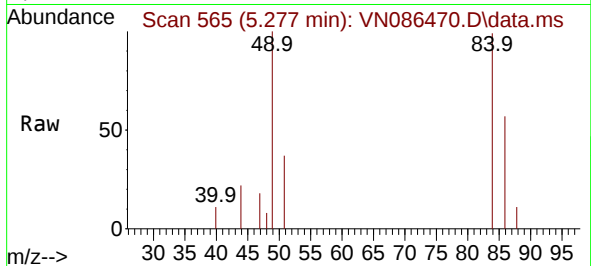
Tgt Ion: 43 Resp: 27186
Ion Ratio Lower Upper
43 100
58 30.2 25.3 37.9





#20
Methylene Chloride
Concen: 3.035 ug/l
RT: 5.277 min Scan# 512
Delta R.T. 0.006 min
Lab File: VN086470.D
Acq: 02 May 2025 17:54

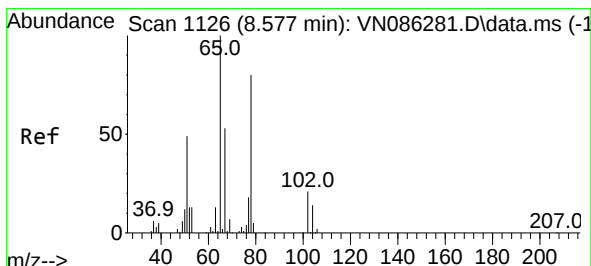
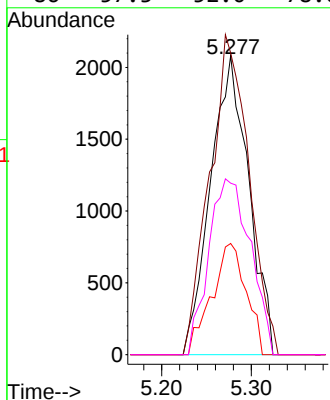
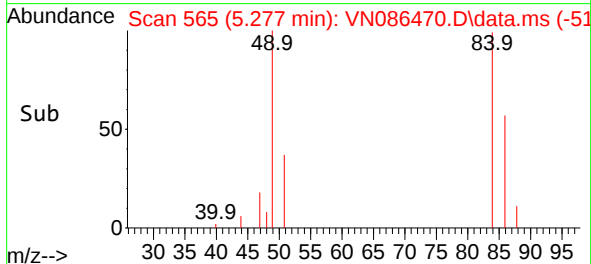
Instrument :
MSVOA_N
ClientSampleId :
PB167816ZHE#15



Tgt Ion: 84 Resp: 6128
Ion Ratio Lower Upper
84 100
49 100.9 98.2 147.2
51 37.2 29.8 44.6
86 57.3 52.0 78.0

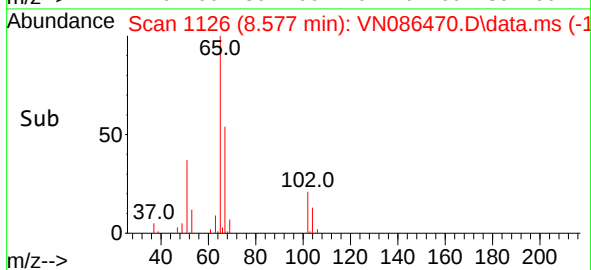
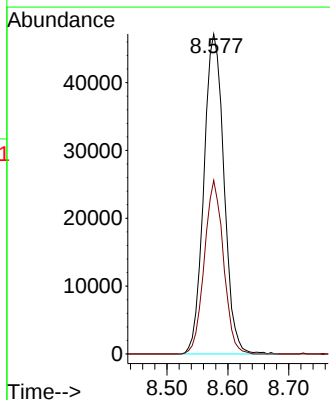
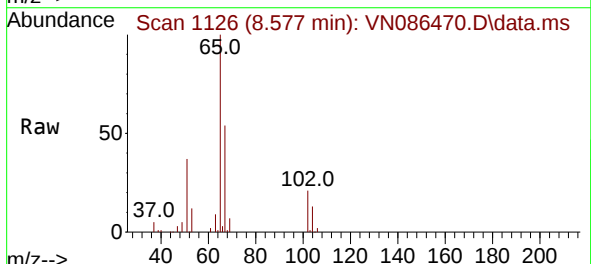
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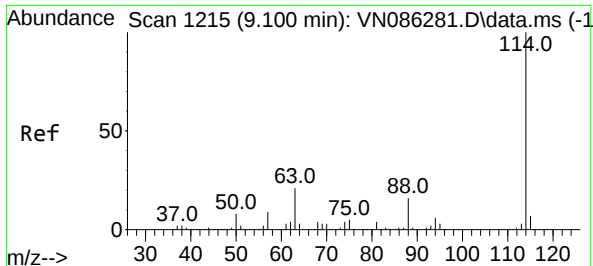
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#33
1,2-Dichloroethane-d4
Concen: 49.478 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086470.D
Acq: 02 May 2025 17:54

Tgt Ion: 65 Resp: 108066
Ion Ratio Lower Upper
65 100
67 51.7 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: VN086470.D

Acq: 02 May 2025 17:54

Instrument :

MSVOA_N

ClientSampleId :

PB167816ZHE#15

Tgt Ion:114 Resp: 289410

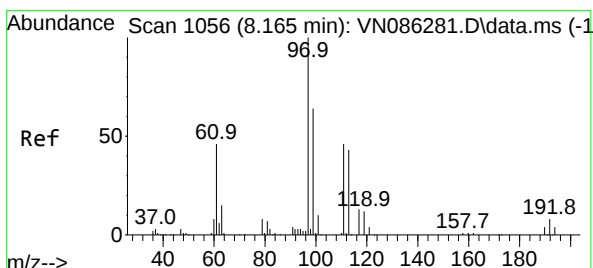
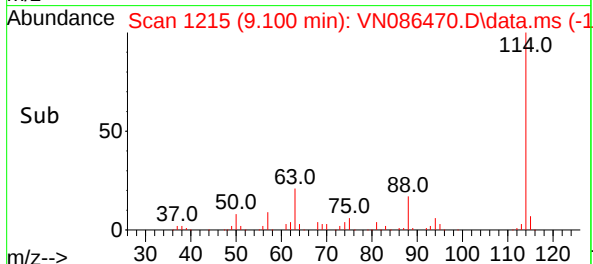
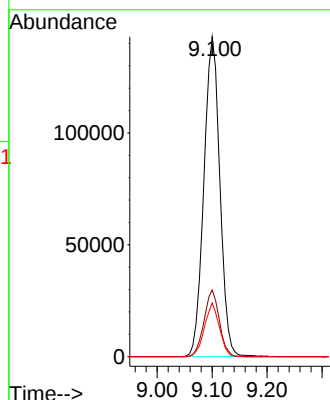
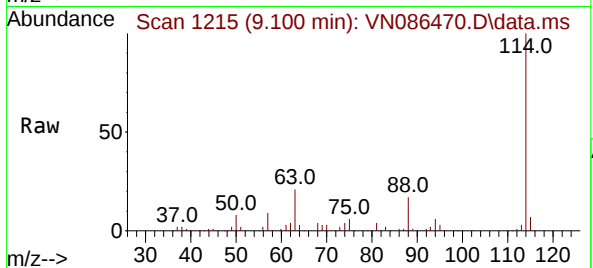
Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	42.6
88	16.8	0.0	31.8

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#35

Dibromofluoromethane

Concen: 52.934 ug/l

RT: 8.165 min Scan# 1056

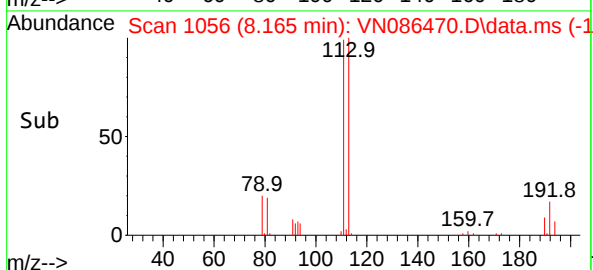
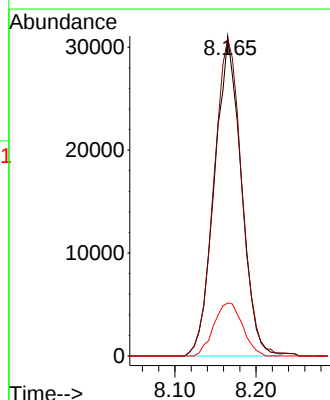
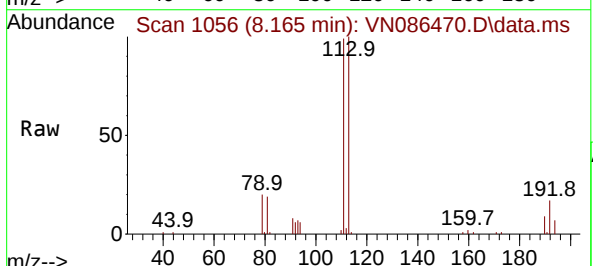
Delta R.T. 0.000 min

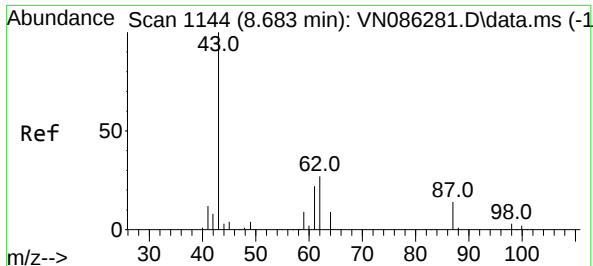
Lab File: VN086470.D

Acq: 02 May 2025 17:54

Tgt Ion:113 Resp: 71102

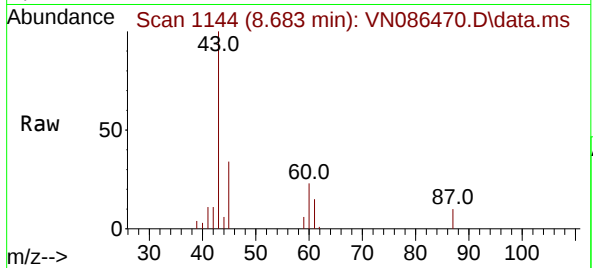
Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.4	125.0
192	17.8	13.7	20.5





#43
Isopropyl Acetate
Concen: 6.262 ug/l m
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086470.D
Acq: 02 May 2025 17:54

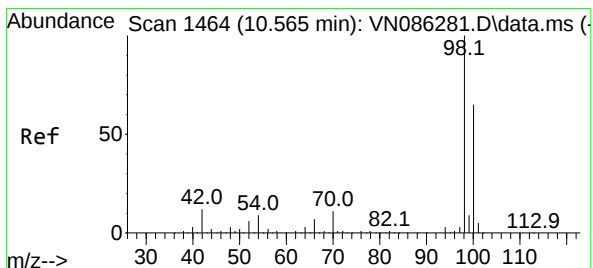
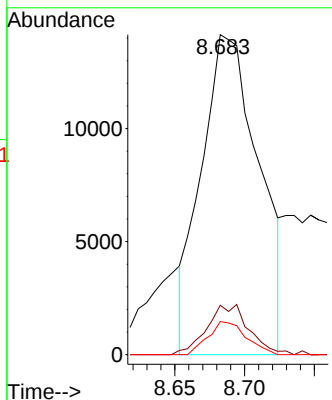
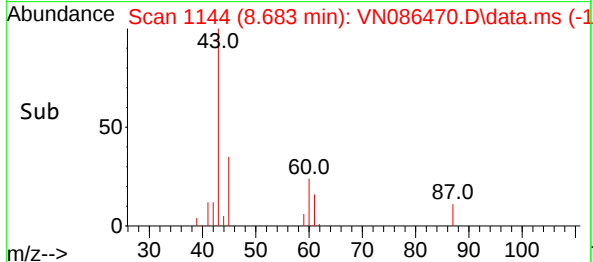
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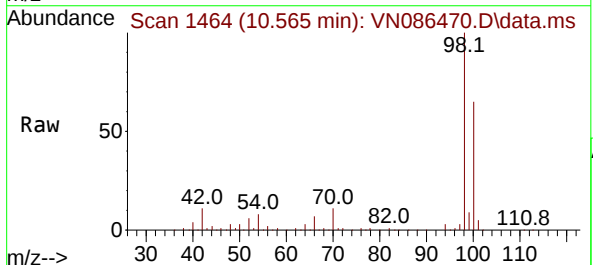
Tgt Ion: 43 Resp: 40624
Ion Ratio Lower Upper
43 100
61 11.6 20.5 30.7
87 6.8 10.5 15.7

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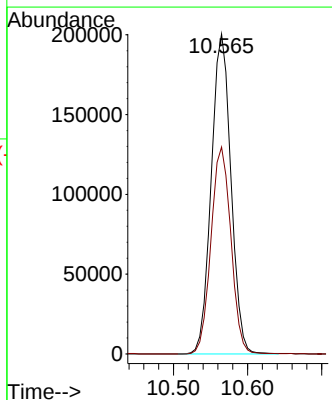
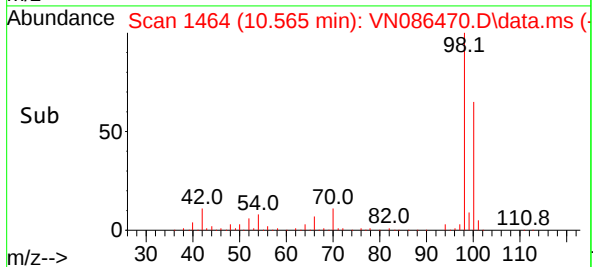
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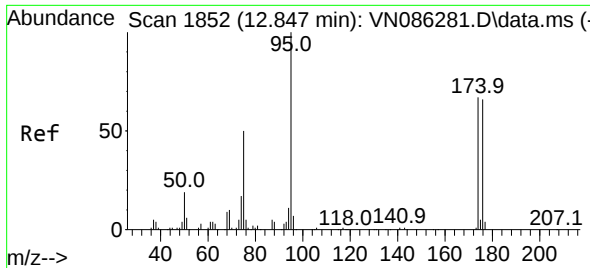


#50
Toluene-d8
Concen: 51.510 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086470.D
Acq: 02 May 2025 17:54



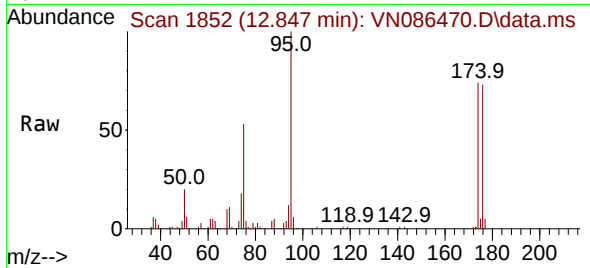
Tgt Ion: 98 Resp: 369777
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7





#62
4-Bromofluorobenzene
Concen: 50.030 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086470.D
Acq: 02 May 2025 17:54

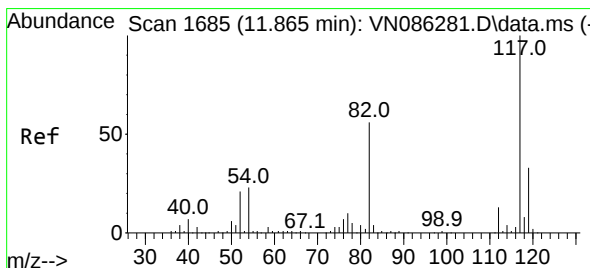
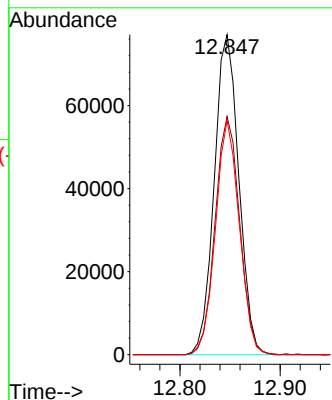
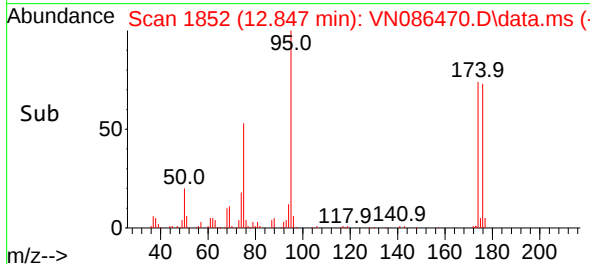
Instrument :
MSVOA_N
ClientSampleId :
PB167816ZHE#15



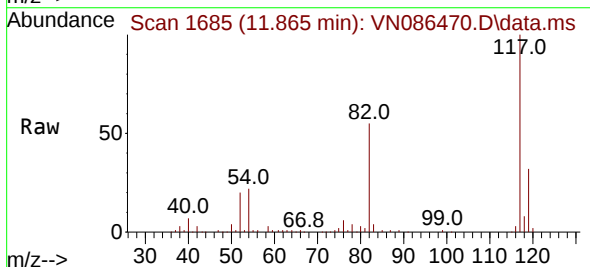
Tgt Ion: 95 Resp: 130998
Ion Ratio Lower Upper
95 100
174 74.5 0.0 133.4
176 71.0 0.0 129.2

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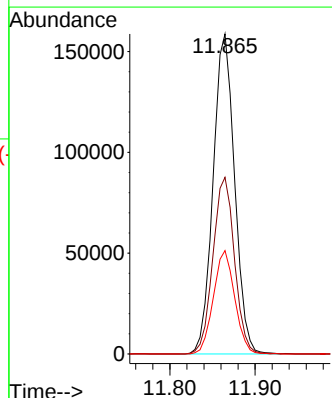
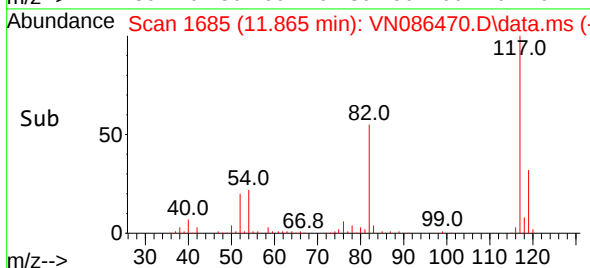
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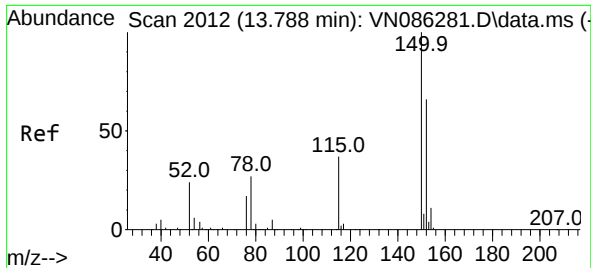


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086470.D
Acq: 02 May 2025 17:54



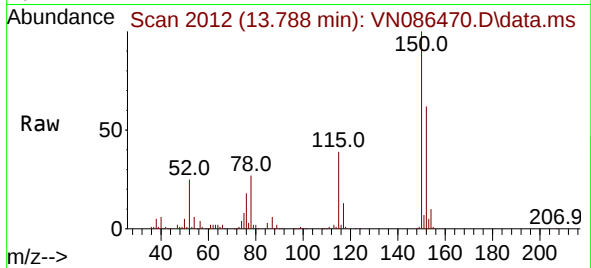
Tgt Ion:117 Resp: 278066
Ion Ratio Lower Upper
117 100
82 55.2 44.7 67.1
119 32.3 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN086470.D
 Acq: 02 May 2025 17:54

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167816ZHE#15



Tgt Ion:152 Resp: 119610
 Ion Ratio Lower Upper
 152 100
 115 61.2 31.9 95.9
 150 157.5 0.0 352.0

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