

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042825\
 Data File : VN086412.D
 Acq On : 28 Apr 2025 15:33
 Operator : JC\MD
 Sample : PB167744ZHE#09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167744ZHE#09

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/29/2025
 Supervised By : Semsettin Yesilyurt 04/29/2025

Quant Time: Apr 29 01:54:40 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	167955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	320799	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	311531	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	136625	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	121066	49.709	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.420%		
35) Dibromofluoromethane	8.165	113	79212	53.203	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.400%		
50) Toluene-d8	10.565	98	413752	51.997	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.000%		
62) 4-Bromofluorobenzene	12.847	95	152316	52.480	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	104.960%		
Target Compounds						
16) Acetone	4.424	43	66025	74.401	ug/l	99
18) Methyl Acetate	5.042	43	3187	1.090	ug/l #	83
20) Methylene Chloride	5.283	84	3232	1.435	ug/l #	76
43) Isopropyl Acetate	8.683	43	30627m	3.653	ug/l	

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

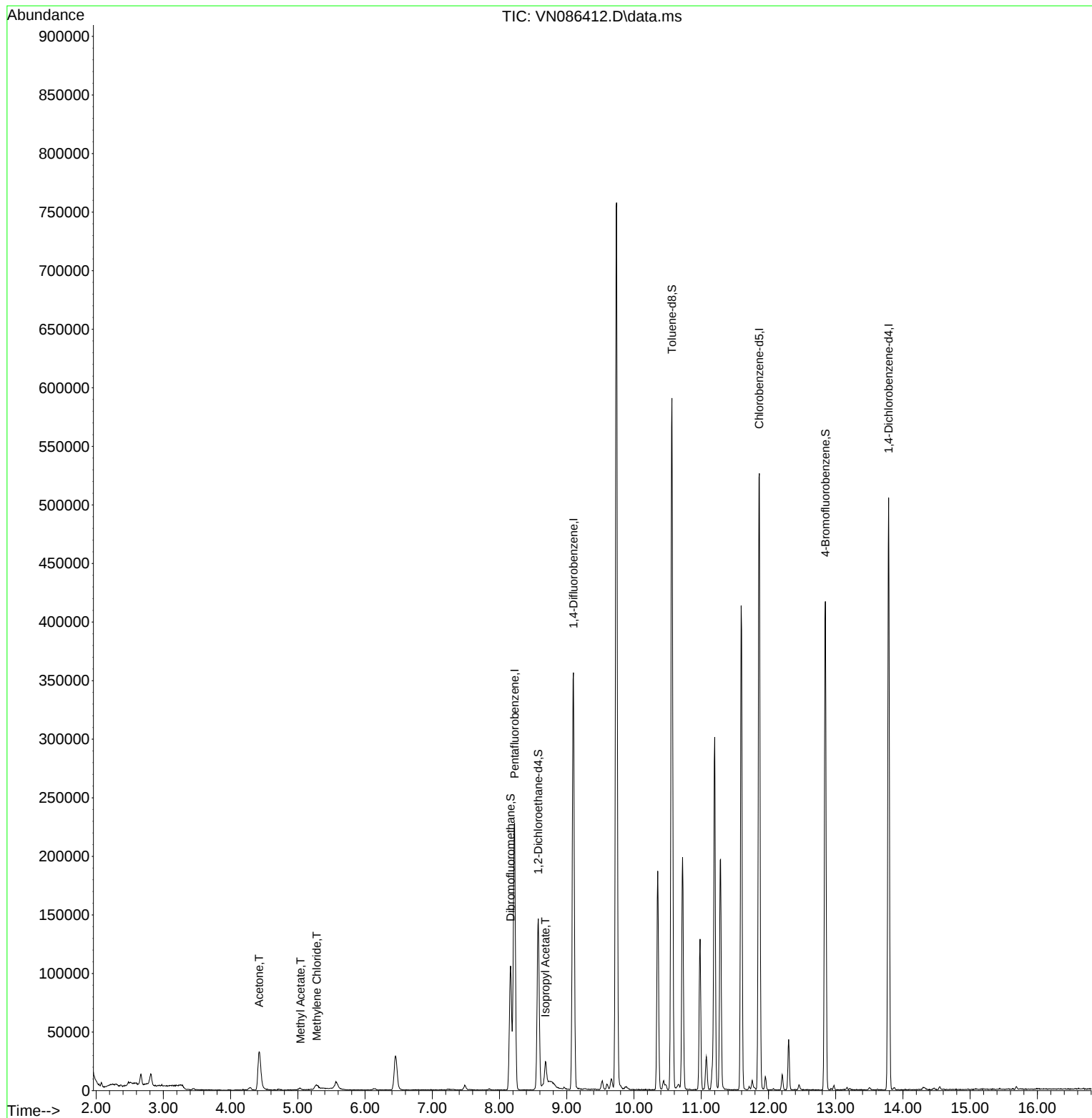
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042825\
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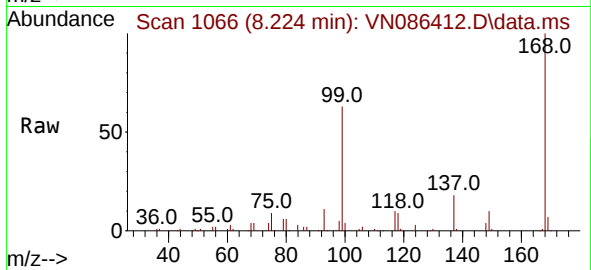
Quant Time: Apr 29 01:54:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086412.D
Acq: 28 Apr 2025 15:33

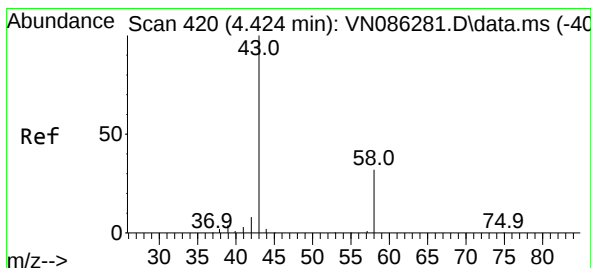
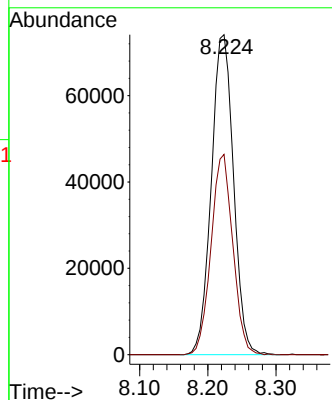
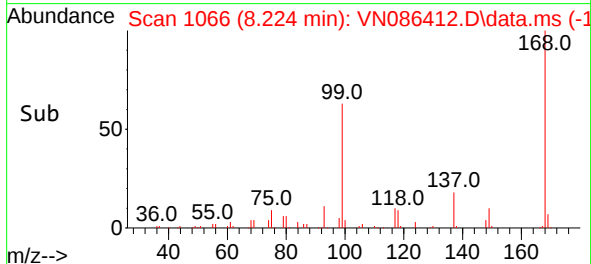
Instrument :
MSVOA_N
ClientSampleId :
PB167744ZHE#09



Tgt Ion:168 Resp: 16795
Ion Ratio Lower Upper
168 100
99 62.6 52.5 78.7

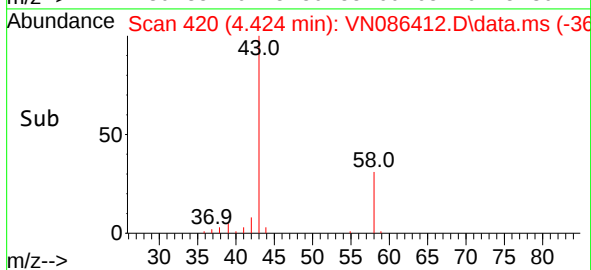
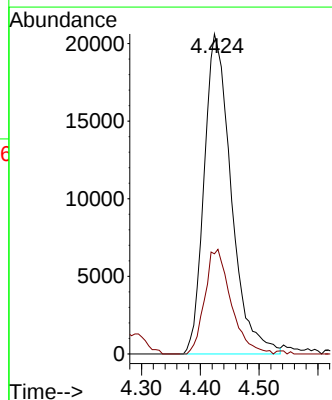
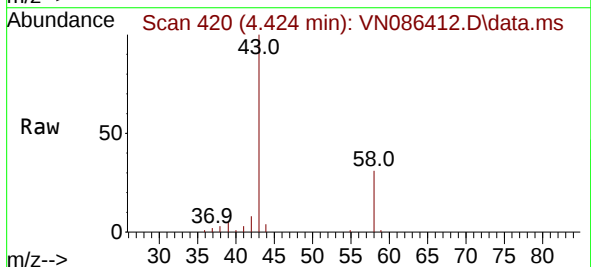
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#16
Acetone
Concen: 74.401 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086412.D
Acq: 28 Apr 2025 15:33

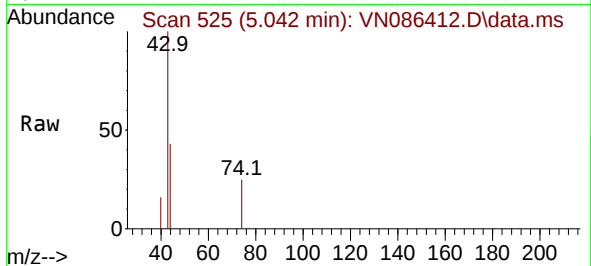
Tgt Ion: 43 Resp: 66025
Ion Ratio Lower Upper
43 100
58 31.3 25.3 37.9





#18
Methyl Acetate
Concen: 1.090 ug/l
RT: 5.042 min Scan# 51
Delta R.T. 0.024 min
Lab File: VN086412.D
Acq: 28 Apr 2025 15:33

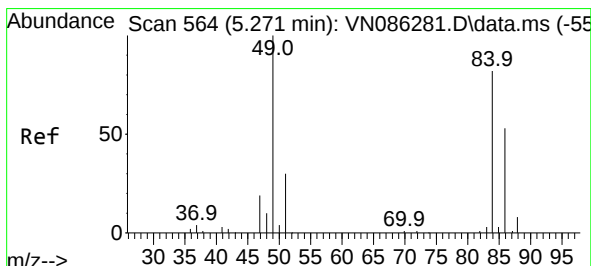
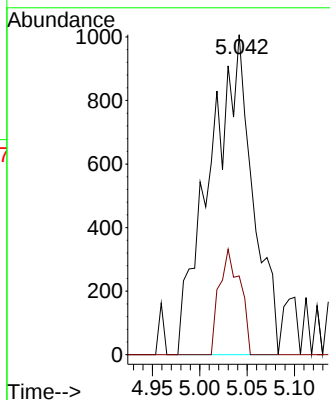
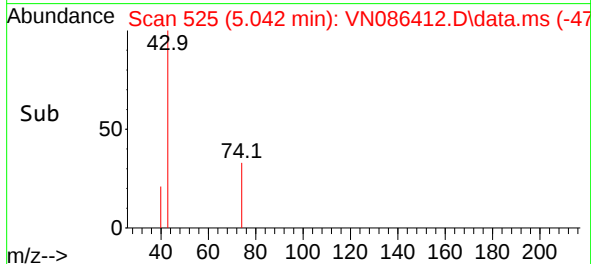
Instrument :
MSVOA_N
ClientSampleId :
PB167744ZHE#09



Tgt Ion: 43 Resp: 318
Ion Ratio Lower Upper
43 100
74 16.0 19.8 29.6

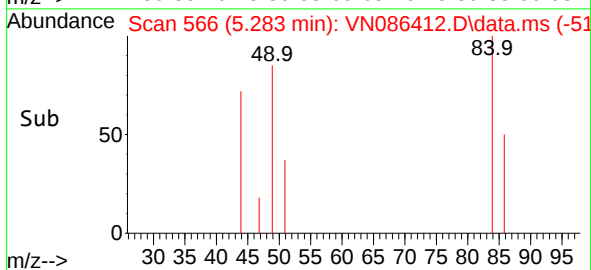
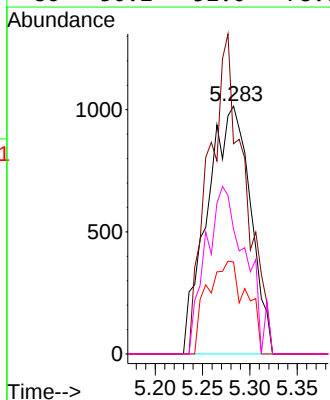
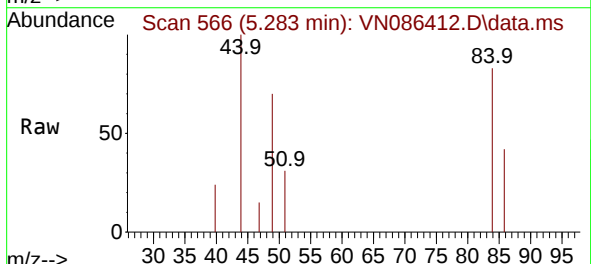
Manual Integrations
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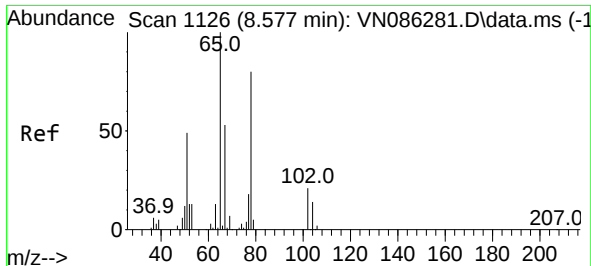
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#20
Methylene Chloride
Concen: 1.435 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN086412.D
Acq: 28 Apr 2025 15:33

Tgt Ion: 84 Resp: 3232
Ion Ratio Lower Upper
84 100
49 84.8 98.2 147.2#
51 37.1 29.8 44.6
86 50.2 52.0 78.0#





#33

1,2-Dichloroethane-d4

Concen: 49.709 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086412.D

Acq: 28 Apr 2025 15:33

Instrument :

MSVOA_N

ClientSampleId :

PB167744ZHE#09

Tgt Ion: 65 Resp: 121060

Ion Ratio Lower Upper

65 100

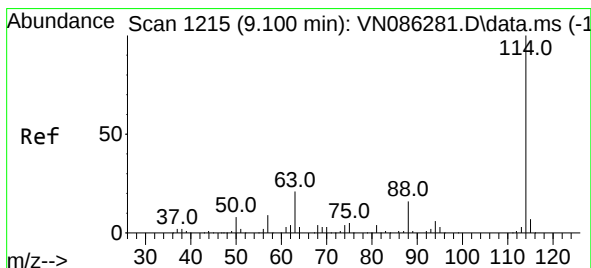
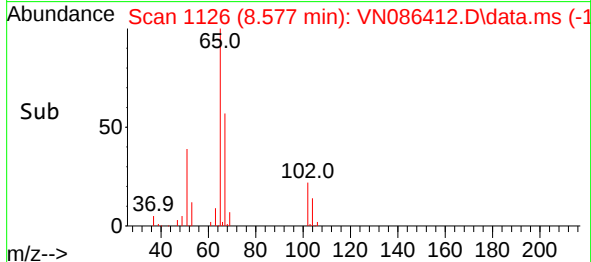
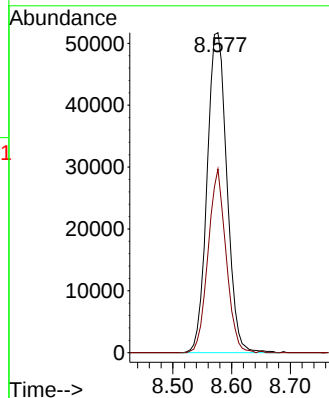
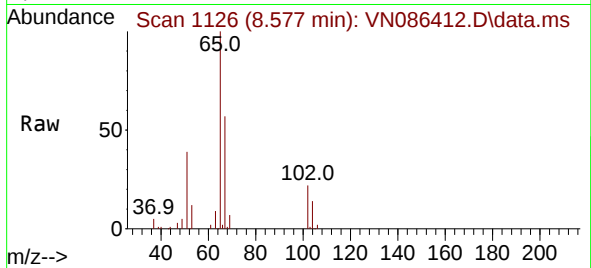
67 52.1 0.0 106.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN086412.D

Acq: 28 Apr 2025 15:33

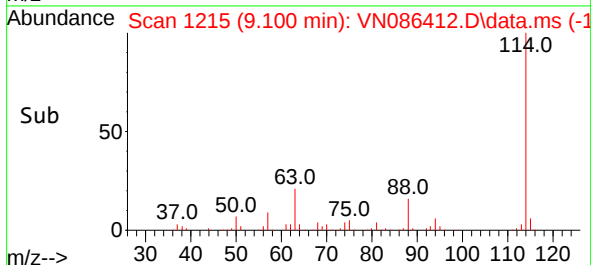
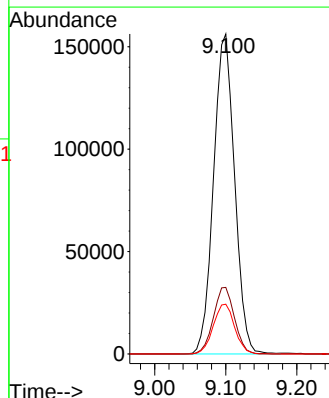
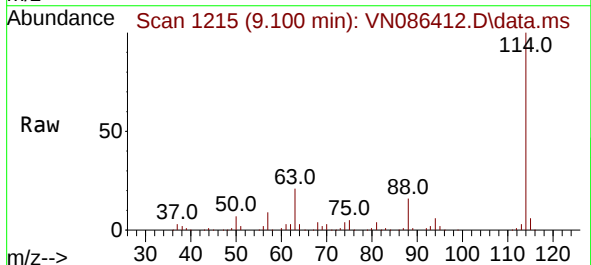
Tgt Ion:114 Resp: 320799

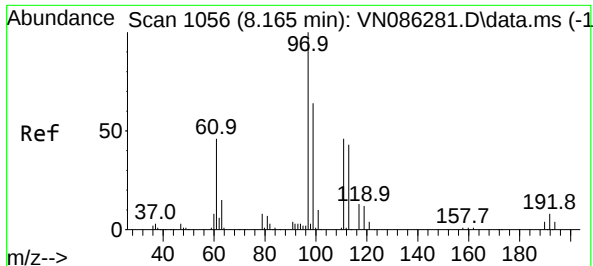
Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.6

88 15.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 53.203 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN086412.D

Acq: 28 Apr 2025 15:33

Instrument :

MSVOA_N

ClientSampleId :

PB167744ZHE#09

Tgt Ion: 113 Resp: 7921

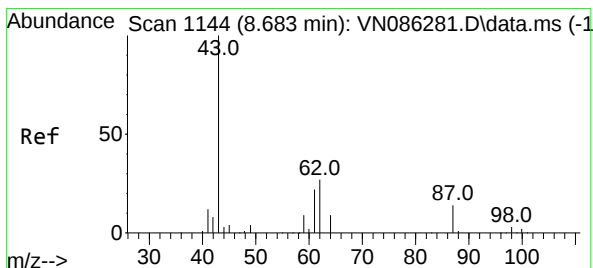
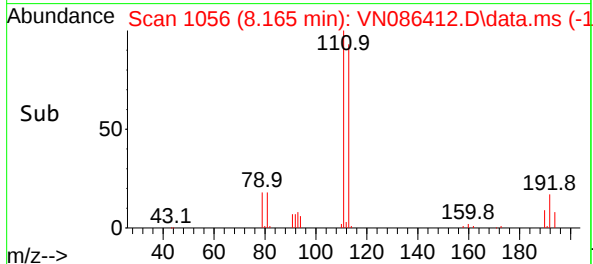
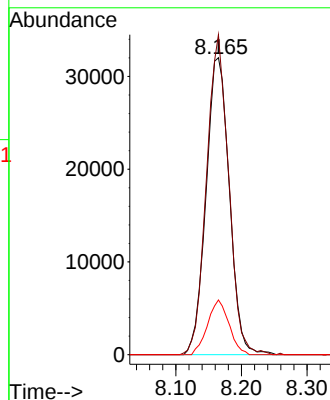
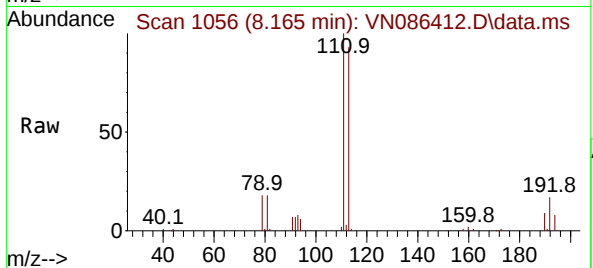
Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.4	125.0
192	16.9	13.7	20.5

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Supervised By :Semsettin Yesilyurt 04/29/2025



#43

Isopropyl Acetate

Concen: 3.653 ug/l m

RT: 8.683 min Scan# 1144

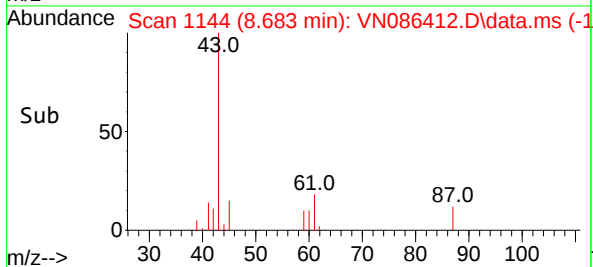
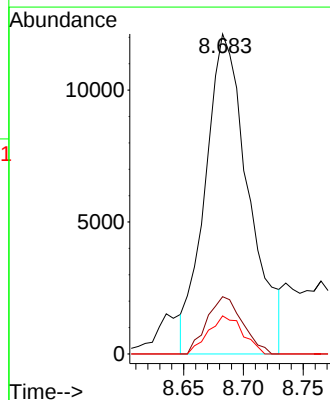
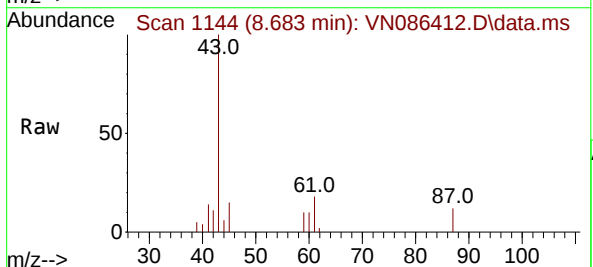
Delta R.T. -0.000 min

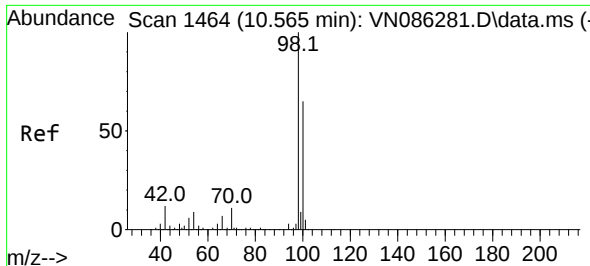
Lab File: VN086412.D

Acq: 28 Apr 2025 15:33

Tgt Ion: 43 Resp: 30627

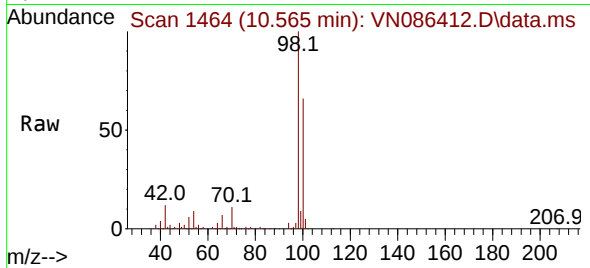
Ion	Ratio	Lower	Upper
43	100		
61	14.7	20.5	30.7#
87	9.4	10.5	15.7#





#50
Toluene-d8
Concen: 51.997 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086412.D
Acq: 28 Apr 2025 15:33

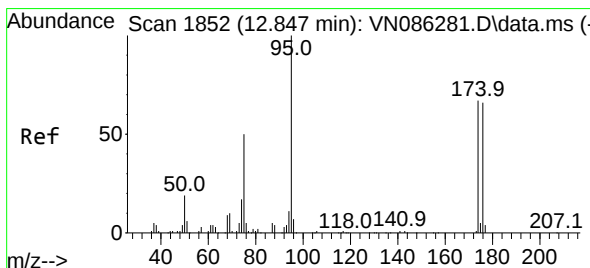
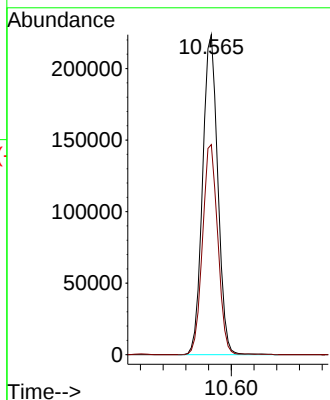
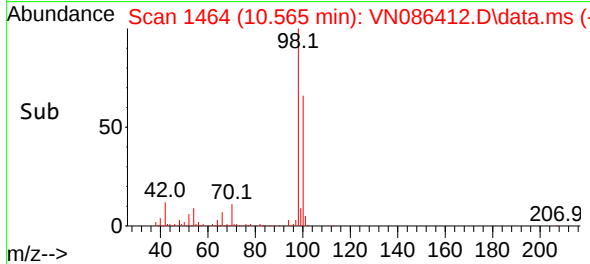
Instrument :
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ClientSampleId :
PB167744ZHE#09



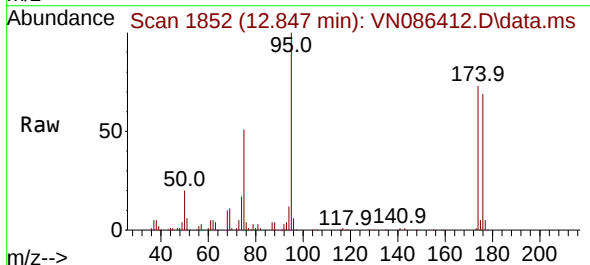
Tgt Ion: 98 Resp: 413752
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7

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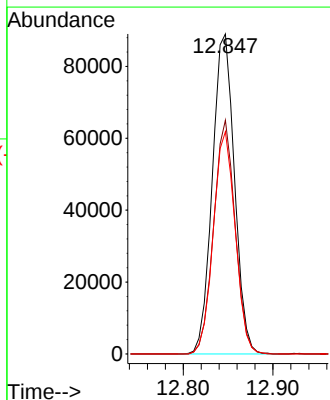
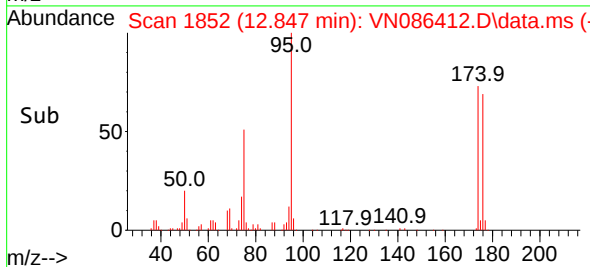
Reviewed By :John Carlone 04/29/2025
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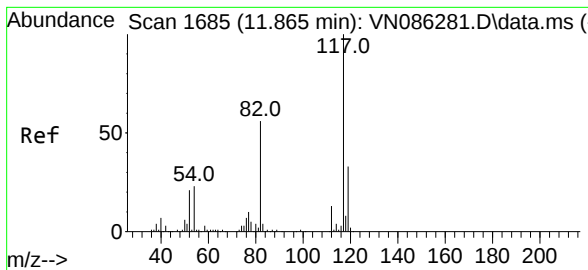


#62
4-Bromofluorobenzene
Concen: 52.480 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086412.D
Acq: 28 Apr 2025 15:33



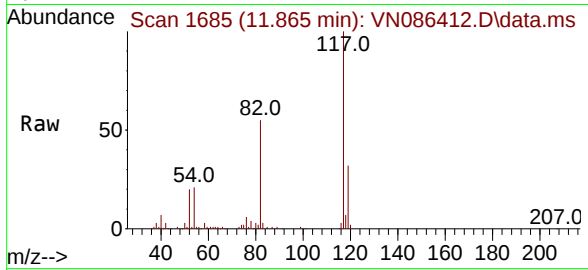
Tgt Ion: 95 Resp: 152316
Ion Ratio Lower Upper
95 100
174 71.0 0.0 133.4
176 68.8 0.0 129.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN086412.D
Acq: 28 Apr 2025 15:33

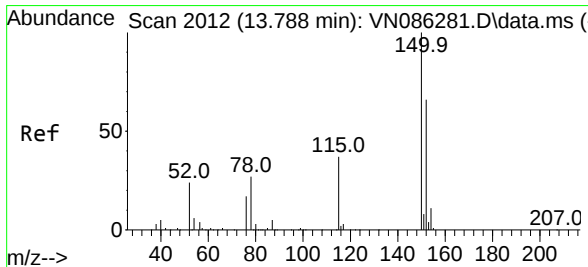
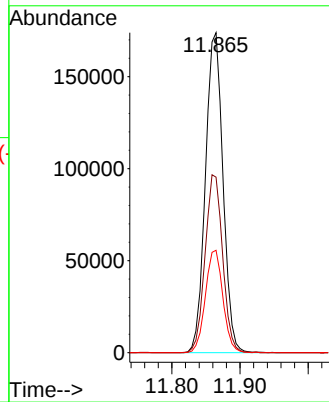
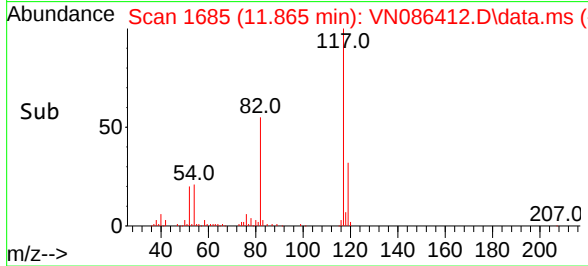
Instrument :
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ClientSampleId :
PB167744ZHE#09



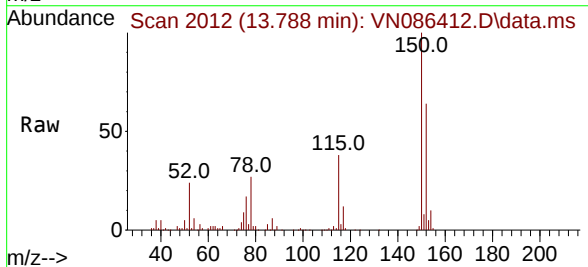
Tgt Ion:117 Resp: 31153
Ion Ratio Lower Upper
117 100
82 54.9 44.7 67.1
119 32.0 26.4 39.6

Manual Integrations
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Supervised By :Semsettin Yesilyurt 04/29/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086412.D
Acq: 28 Apr 2025 15:33



Tgt Ion:152 Resp: 136625
Ion Ratio Lower Upper
152 100
115 62.1 31.9 95.9
150 155.7 0.0 352.0

