

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042825\
 Data File : VN086411.D
 Acq On : 28 Apr 2025 15:09
 Operator : JC\MD
 Sample : PB167744ZHE#08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167744ZHE#08

Manual Integrations
 APPROVED

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

Quant Time: Apr 29 01:54:13 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	167318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	317397	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	292440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	122666	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120439	49.640	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.280%		
35) Dibromofluoromethane	8.165	113	80448	54.612	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	109.220%		
50) Toluene-d8	10.565	98	400959	50.929	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.860%		
62) 4-Bromofluorobenzene	12.847	95	138364	48.184	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.360%		
Target Compounds						
16) Acetone	4.430	43	63981	72.213	ug/l	96
18) Methyl Acetate	5.024	43	2932	1.007	ug/l #	76
20) Methylene Chloride	5.277	84	2952	1.316	ug/l #	82
43) Isopropyl Acetate	8.683	43	26443m	2.948	ug/l	

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

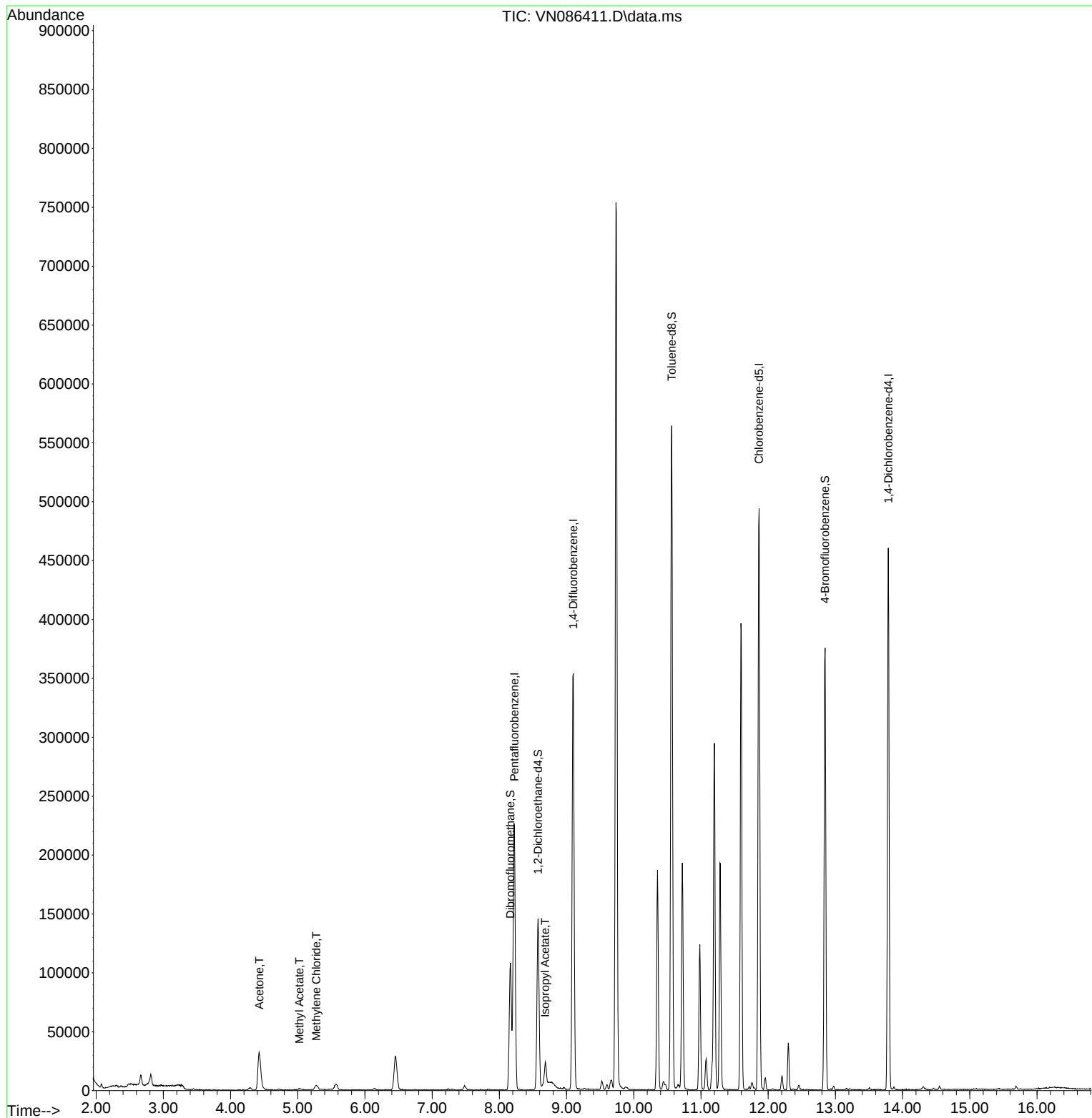
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042825\
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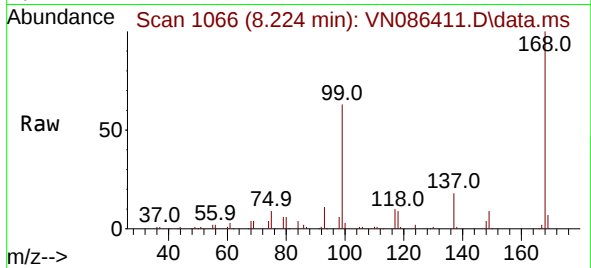
Quant Time: Apr 29 01:54:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086411.D
Acq: 28 Apr 2025 15:09

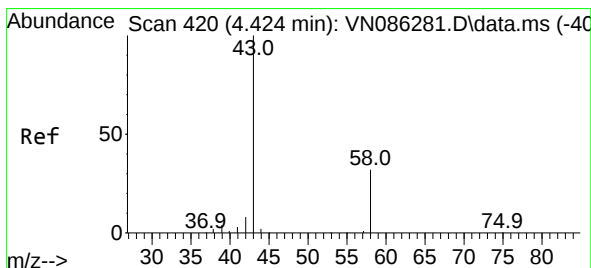
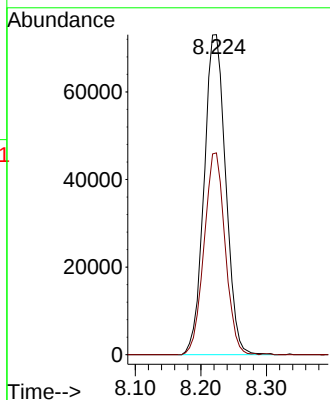
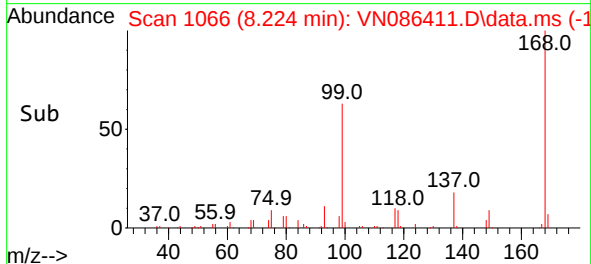
Instrument :
MSVOA_N
ClientSampleId :
PB167744ZHE#08



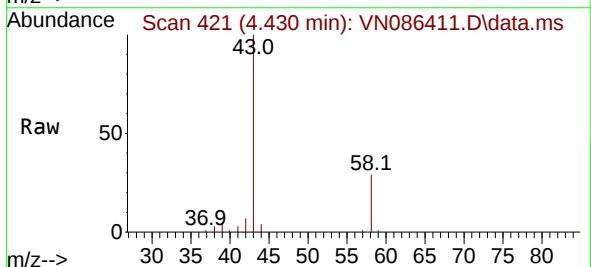
Tgt Ion:168 Resp: 167318
Ion Ratio Lower Upper
168 100
99 63.0 52.5 78.7

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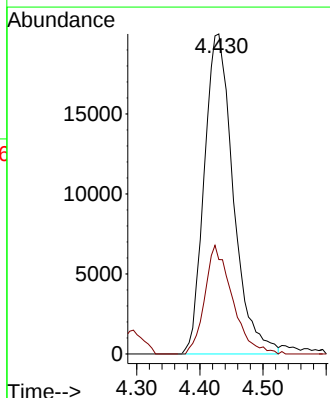
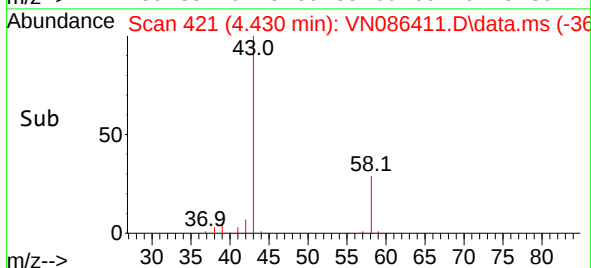
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#16
Acetone
Concen: 72.213 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086411.D
Acq: 28 Apr 2025 15:09



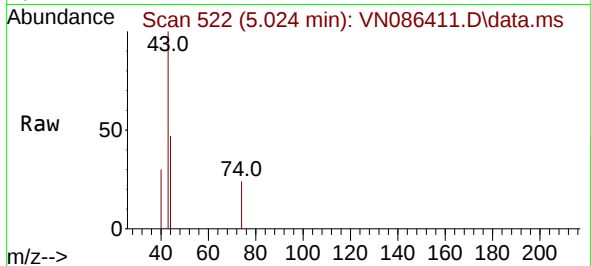
Tgt Ion: 43 Resp: 63981
Ion Ratio Lower Upper
43 100
58 29.5 25.3 37.9





#18
Methyl Acetate
Concen: 1.007 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086411.D
Acq: 28 Apr 2025 15:09

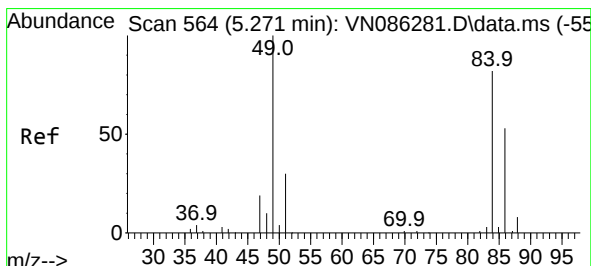
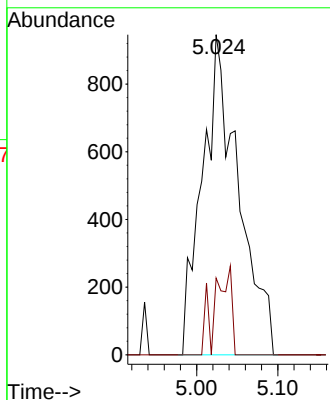
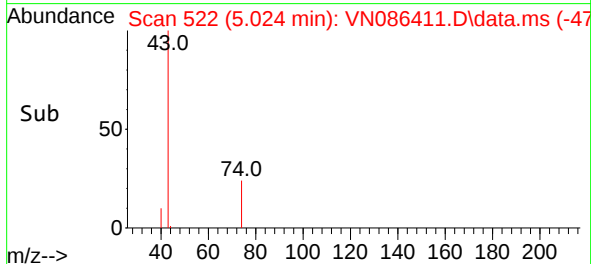
Instrument :
MSVOA_N
ClientSampleId :
PB167744ZHE#08



Tgt Ion: 43 Resp: 2932
Ion Ratio Lower Upper
43 100
74 13.0 19.8 29.6

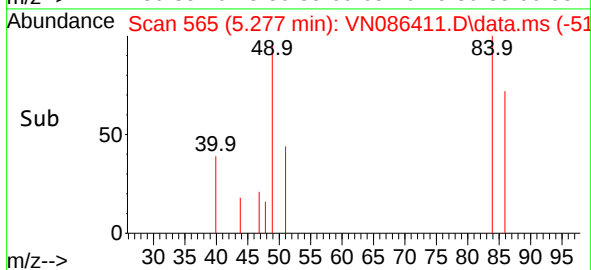
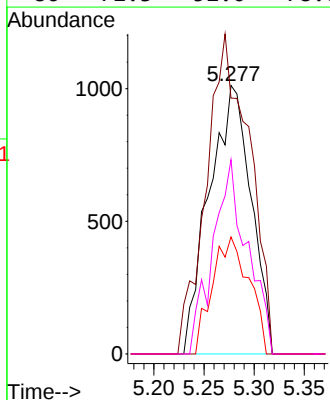
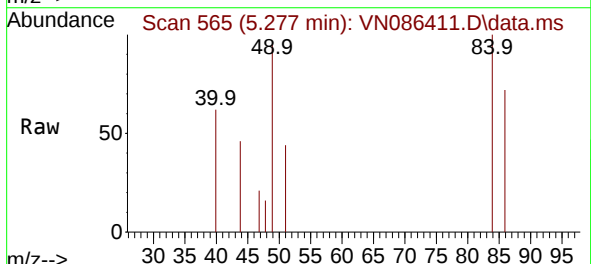
Manual Integrations
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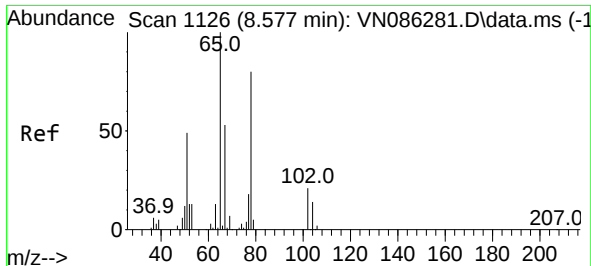
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#20
Methylene Chloride
Concen: 1.316 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086411.D
Acq: 28 Apr 2025 15:09

Tgt Ion: 84 Resp: 2952
Ion Ratio Lower Upper
84 100
49 95.3 98.2 147.2#
51 43.6 29.8 44.6
86 72.3 52.0 78.0





#33

1,2-Dichloroethane-d4

Concen: 49.640 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086411.D

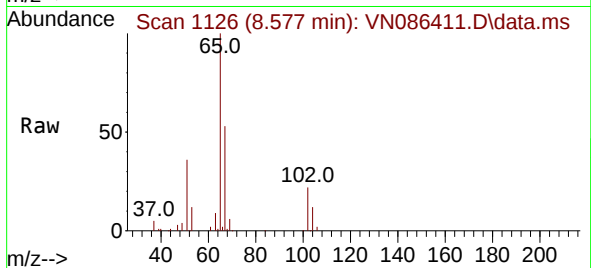
Acq: 28 Apr 2025 15:09

Instrument :

MSVOA_N

ClientSampleId :

PB167744ZHE#08



Tgt Ion: 65 Resp: 120439

Ion Ratio Lower Upper

65 100

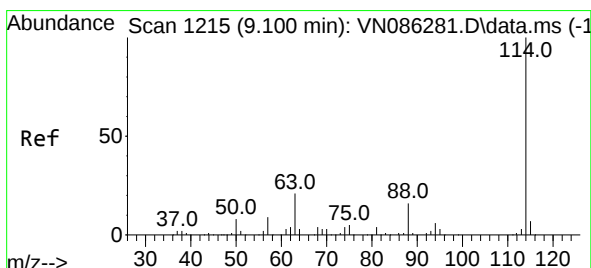
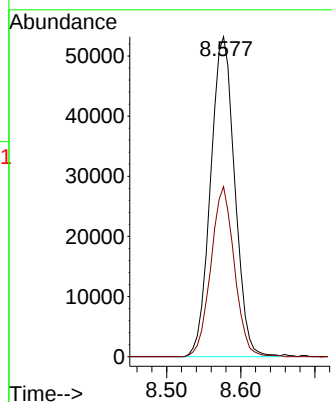
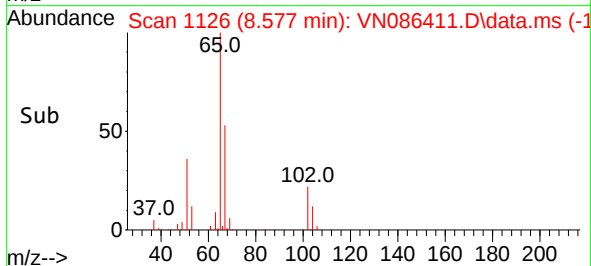
67 51.6 0.0 106.0

Manual Integrations

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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: VN086411.D

Acq: 28 Apr 2025 15:09

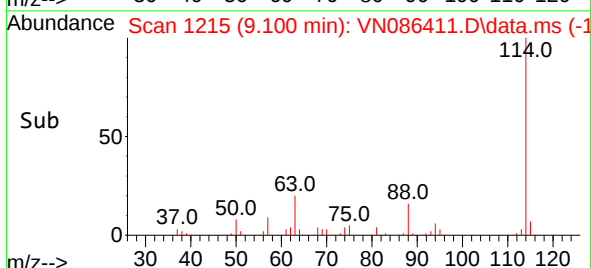
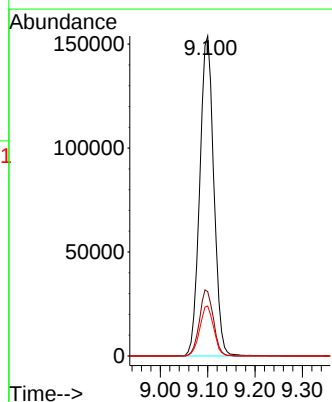
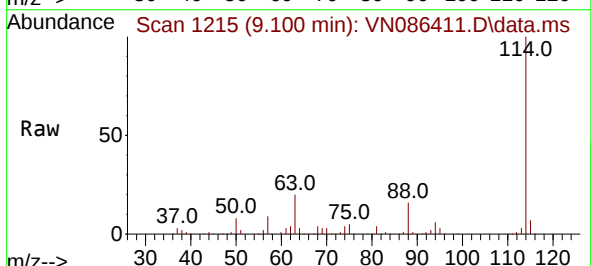
Tgt Ion:114 Resp: 317397

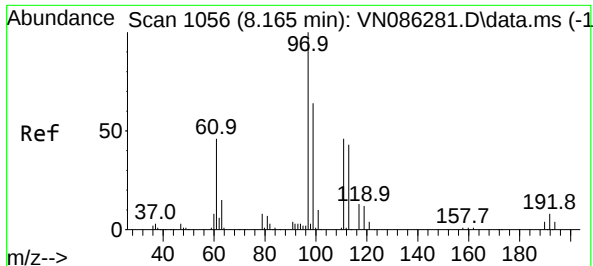
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.6

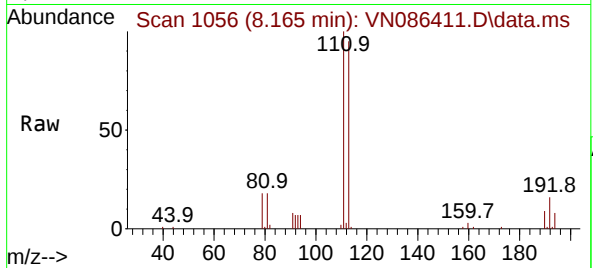
88 15.6 0.0 31.8





#35
Dibromofluoromethane
Concen: 54.612 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086411.D
Acq: 28 Apr 2025 15:09

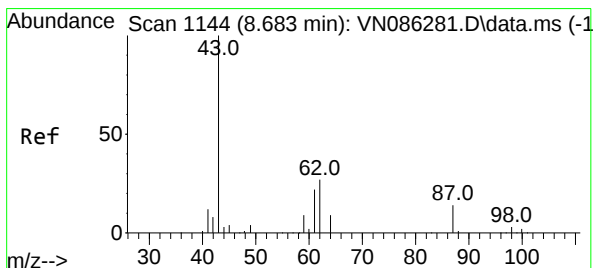
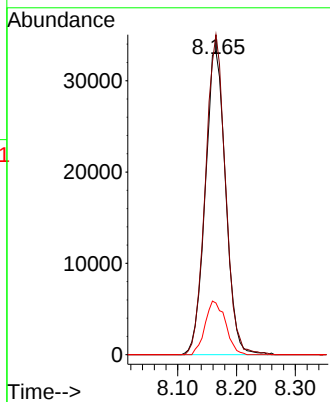
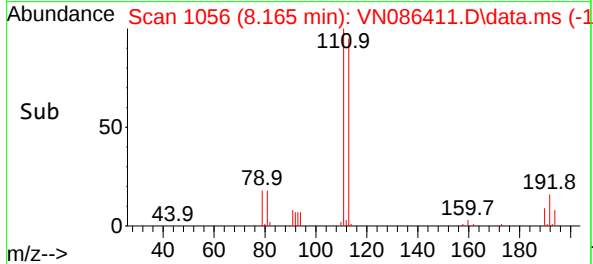
Instrument :
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ClientSampleId :
PB167744ZHE#08



Tgt Ion: 113 Resp: 80448
Ion Ratio Lower Upper
113 100
111 102.6 83.4 125.0
192 17.6 13.7 20.5

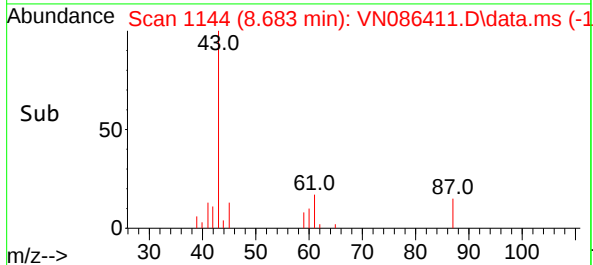
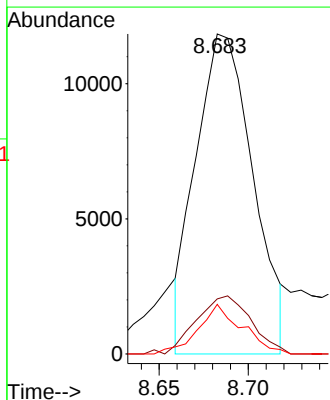
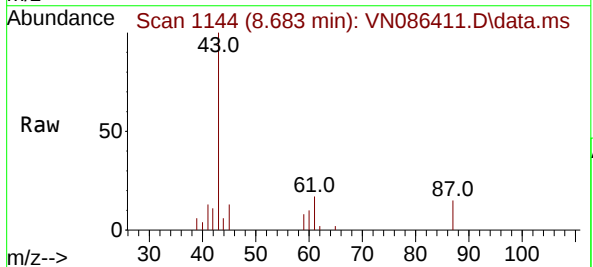
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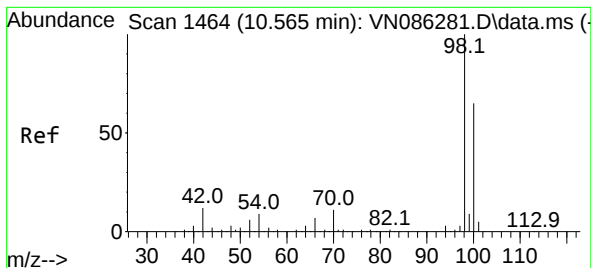
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#43
Isopropyl Acetate
Concen: 2.948 ug/l m
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086411.D
Acq: 28 Apr 2025 15:09

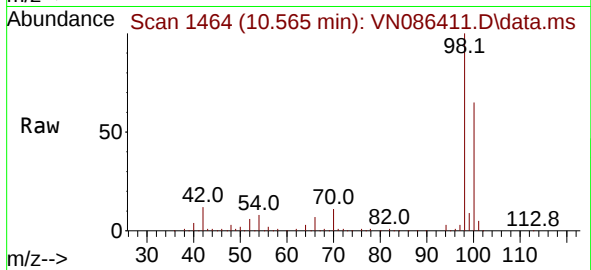
Tgt Ion: 43 Resp: 26443
Ion Ratio Lower Upper
43 100
61 17.5 20.5 30.7#
87 11.9 10.5 15.7





#50
Toluene-d8
Concen: 50.929 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086411.D
Acq: 28 Apr 2025 15:09

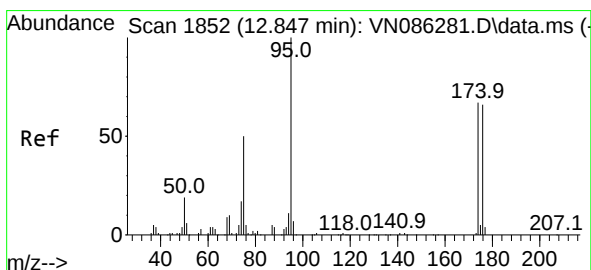
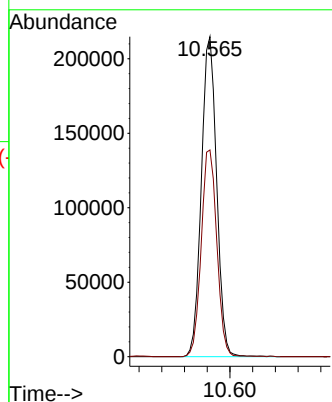
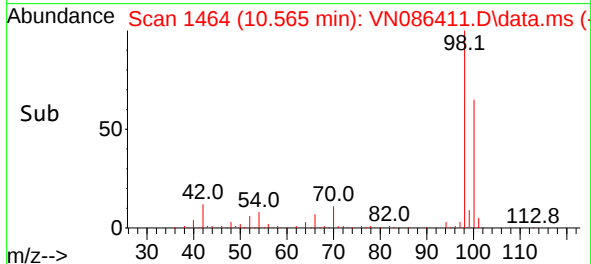
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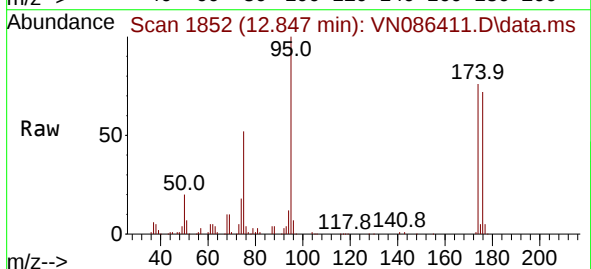
Tgt Ion: 98 Resp: 400959
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7

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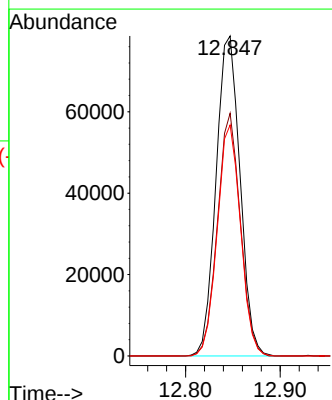
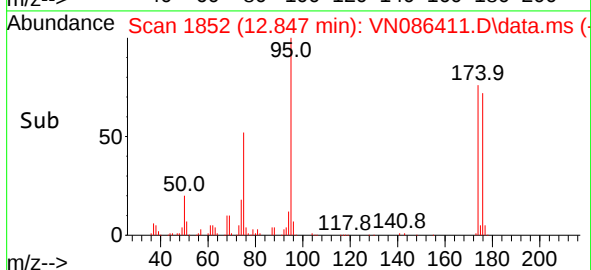
Reviewed By :John Carlone 04/29/2025
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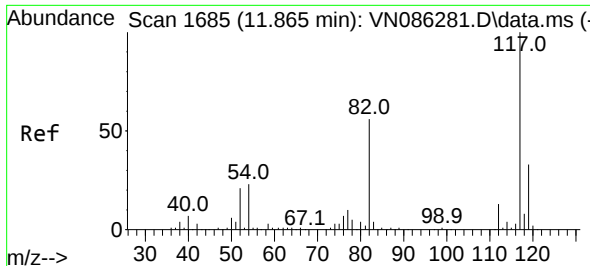


#62
4-Bromofluorobenzene
Concen: 48.184 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086411.D
Acq: 28 Apr 2025 15:09



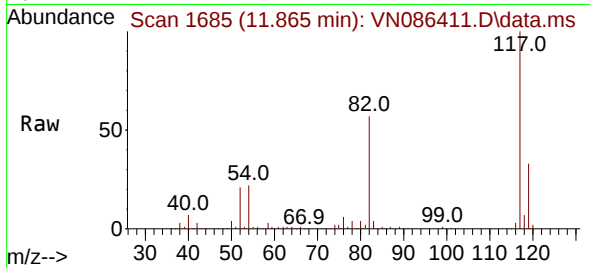
Tgt Ion: 95 Resp: 138364
Ion Ratio Lower Upper
95 100
174 72.7 0.0 133.4
176 69.9 0.0 129.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086411.D
Acq: 28 Apr 2025 15:09

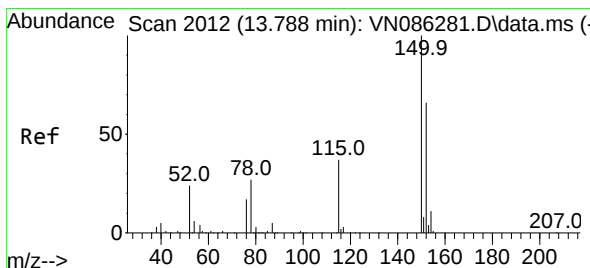
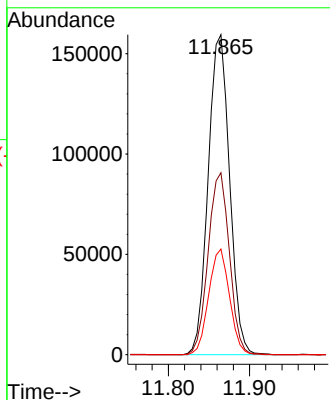
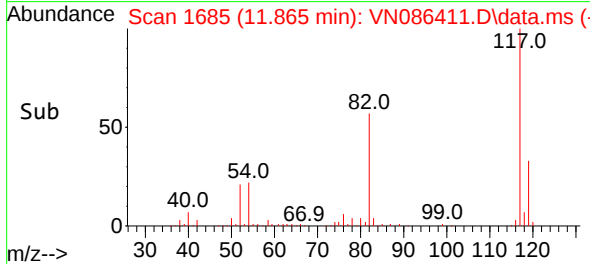
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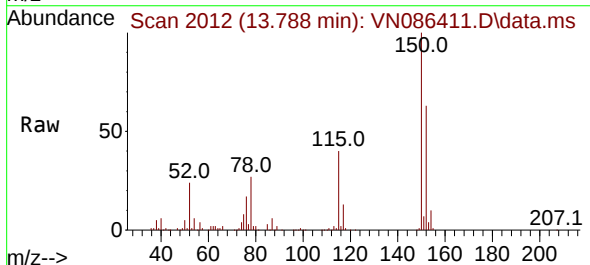
Tgt Ion:117 Resp: 292440
Ion Ratio Lower Upper
117 100
82 56.9 44.7 67.1
119 33.0 26.4 39.6

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: VN086411.D
Acq: 28 Apr 2025 15:09



Tgt Ion:152 Resp: 122666
Ion Ratio Lower Upper
152 100
115 63.2 31.9 95.9
150 161.0 0.0 352.0

