

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042825\
 Data File : VN086414.D
 Acq On : 28 Apr 2025 16:21
 Operator : JC\MD
 Sample : PB167744ZHE#11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167744ZHE#11

Manual Integrations
 APPROVED

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

Quant Time: Apr 29 01:55:40 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	169479	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	327161	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	310316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	130639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	123279	50.162	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	=	100.320%	
35) Dibromofluoromethane	8.165	113	82154	54.106	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	=	108.220%	
50) Toluene-d8	10.565	98	416187	51.286	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	=	102.580%	
62) 4-Bromofluorobenzene	12.847	95	149573	50.533	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery	=	101.060%	
Target Compounds						Qvalue
16) Acetone	4.424	43	64641	72.013	ug/l	100
18) Methyl Acetate	5.024	43	3493	1.184	ug/l #	77
20) Methylene Chloride	5.277	84	3274	1.441	ug/l #	93
43) Isopropyl Acetate	8.688	43	30676m	3.554	ug/l	

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

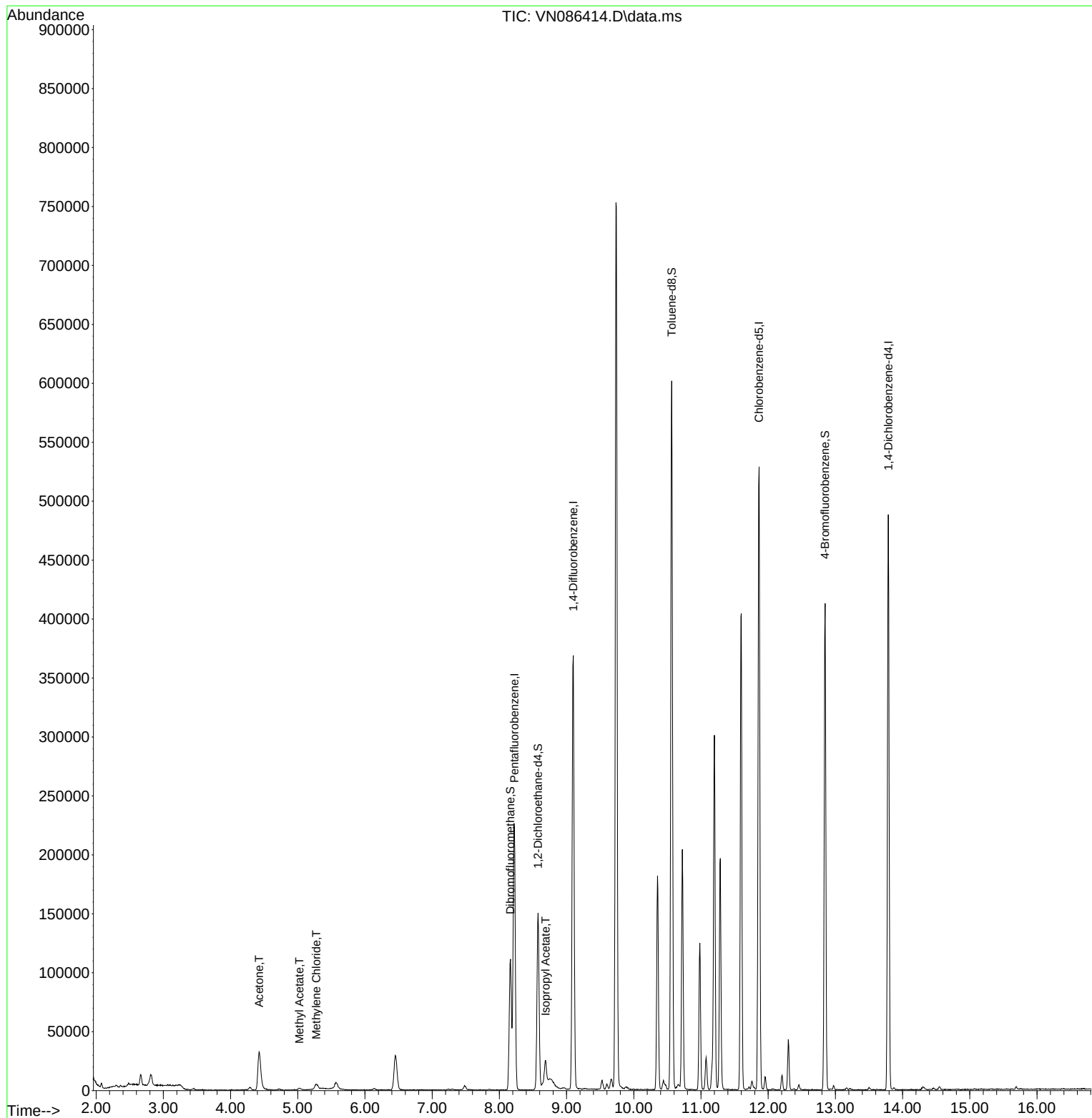
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042825\
Data File : VN086414.D
Acq On : 28 Apr 2025 16:21
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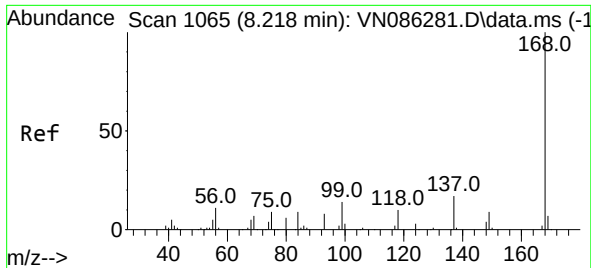
Instrument :
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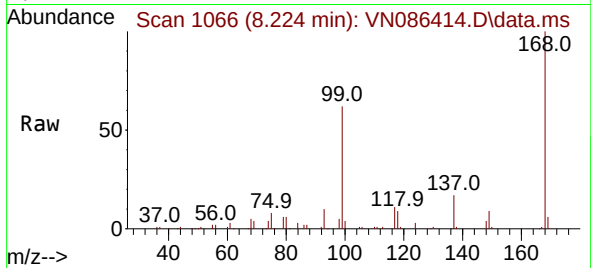
Quant Time: Apr 29 01:55:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086414.D
Acq: 28 Apr 2025 16:21

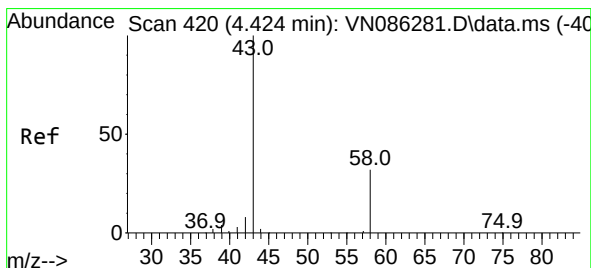
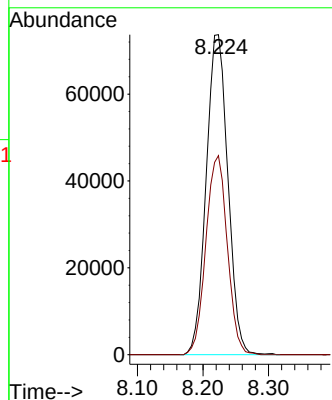
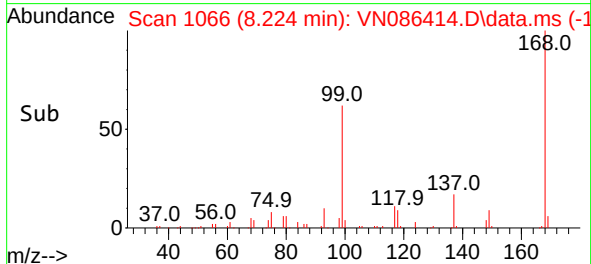
Instrument :
MSVOA_N
ClientSampleId :
PB167744ZHE#11



Tgt Ion:168 Resp: 169479
Ion Ratio Lower Upper
168 100
99 62.2 52.5 78.7

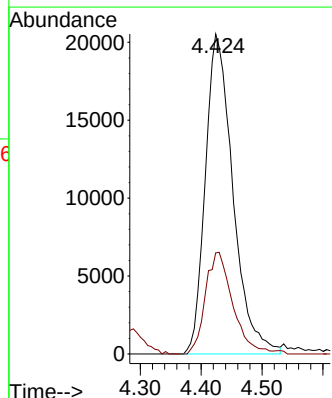
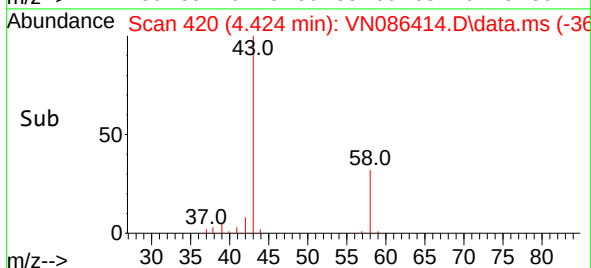
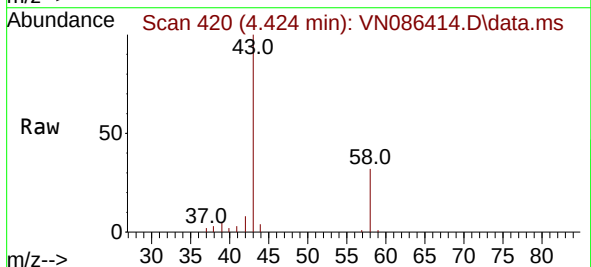
Manual Integrations
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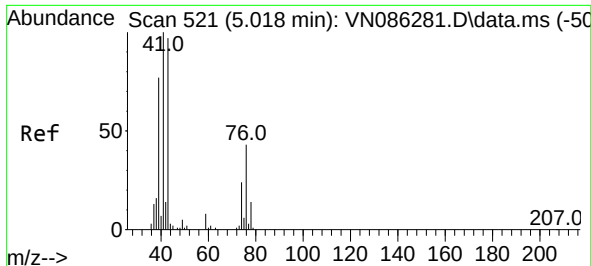
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#16
Acetone
Concen: 72.013 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086414.D
Acq: 28 Apr 2025 16:21

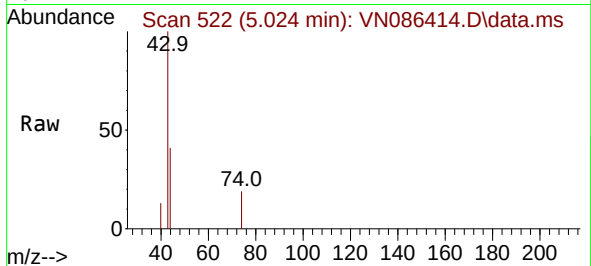
Tgt Ion: 43 Resp: 64641
Ion Ratio Lower Upper
43 100
58 31.6 25.3 37.9





#18
Methyl Acetate
Concen: 1.184 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086414.D
Acq: 28 Apr 2025 16:21

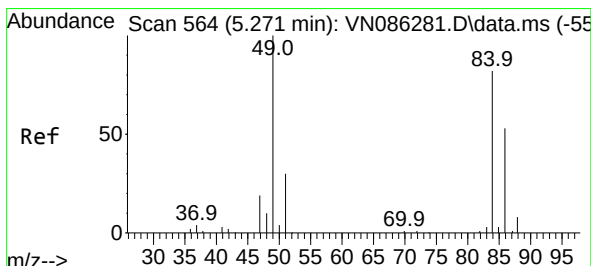
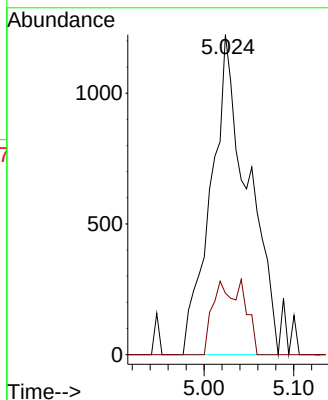
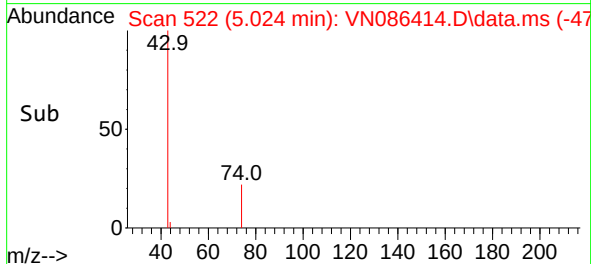
Instrument :
MSVOA_N
ClientSampleId :
PB167744ZHE#11



Tgt Ion: 43 Resp: 349
Ion Ratio Lower Upper
43 100
74 13.2 19.8 29.6

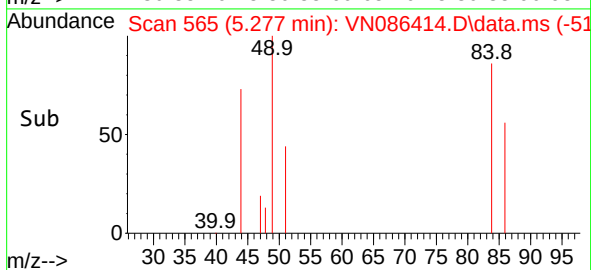
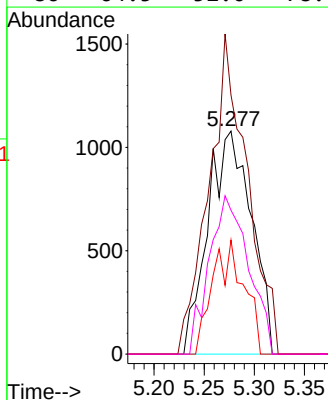
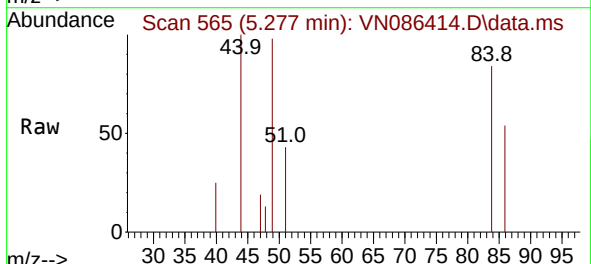
Manual Integrations
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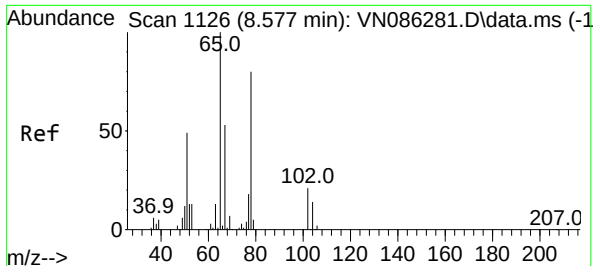
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#20
Methylene Chloride
Concen: 1.441 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086414.D
Acq: 28 Apr 2025 16:21

Tgt Ion: 84 Resp: 3274
Ion Ratio Lower Upper
84 100
49 116.1 98.2 147.2
51 51.2 29.8 44.6#
86 64.5 52.0 78.0





#33

1,2-Dichloroethane-d4

Concen: 50.162 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086414.D

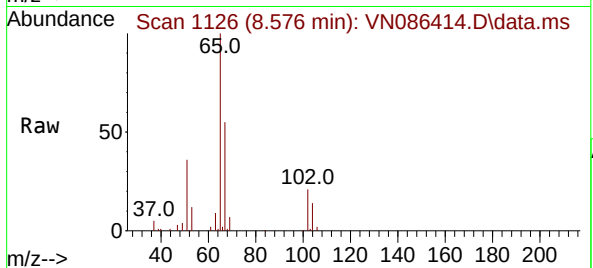
Acq: 28 Apr 2025 16:21

Instrument :

MSVOA_N

ClientSampleId :

PB167744ZHE#11



Tgt Ion: 65 Resp: 123279

Ion Ratio Lower Upper

65 100

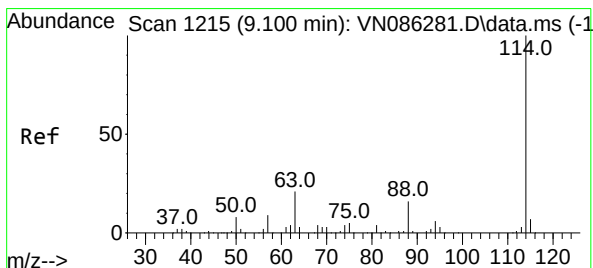
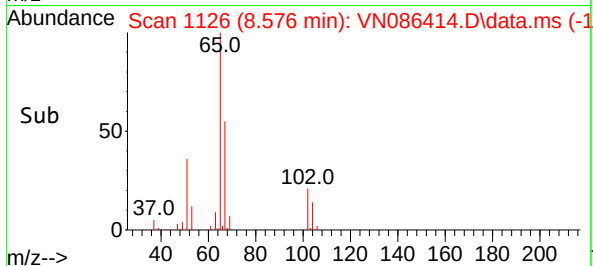
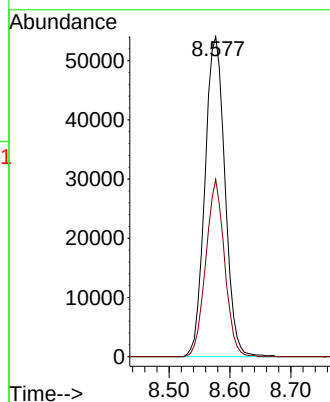
67 52.1 0.0 106.0

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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: VN086414.D

Acq: 28 Apr 2025 16:21

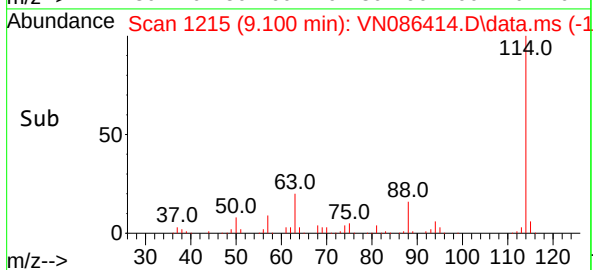
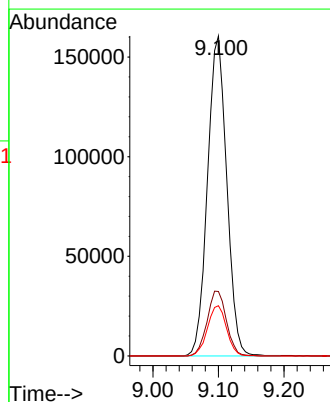
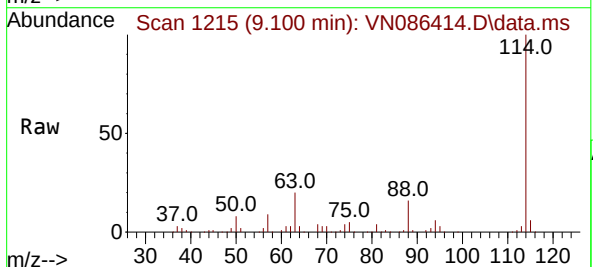
Tgt Ion:114 Resp: 327161

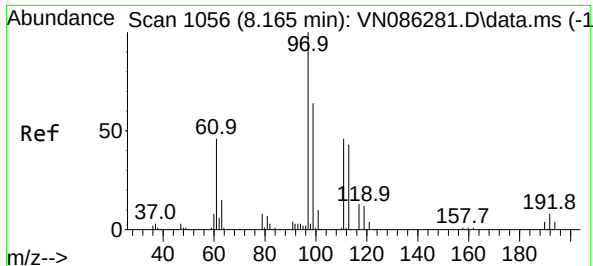
Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.6

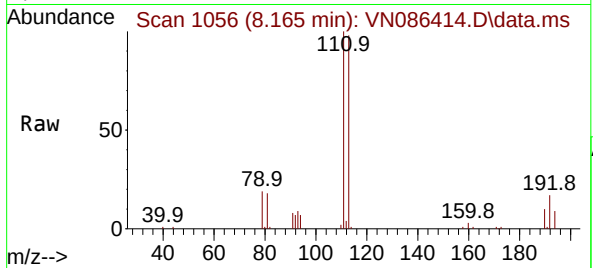
88 15.7 0.0 31.8





#35
Dibromofluoromethane
Concen: 54.106 ug/l
RT: 8.165 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN086414.D
Acq: 28 Apr 2025 16:21

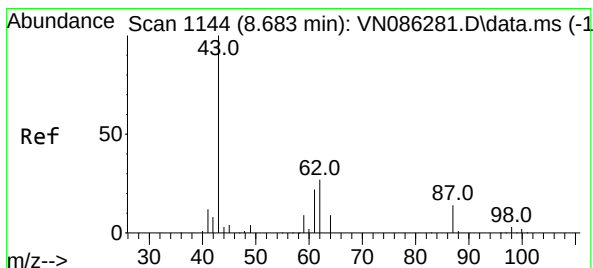
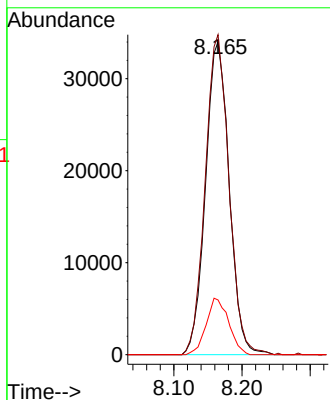
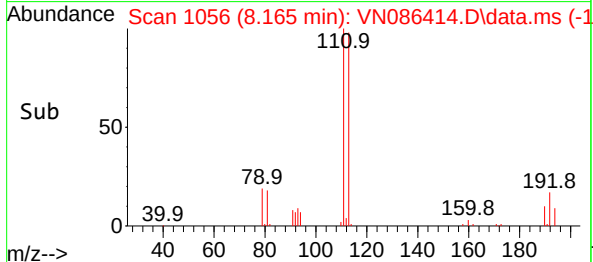
Instrument :
MSVOA_N
ClientSampleId :
PB167744ZHE#11



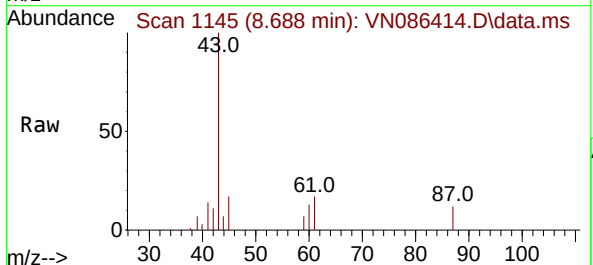
Tgt Ion: 113 Resp: 82154
Ion Ratio Lower Upper
113 100
111 102.6 83.4 125.0
192 17.2 13.7 20.5

Manual Integrations
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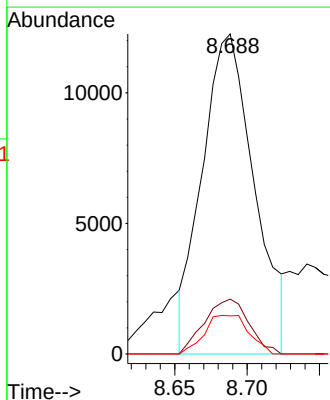
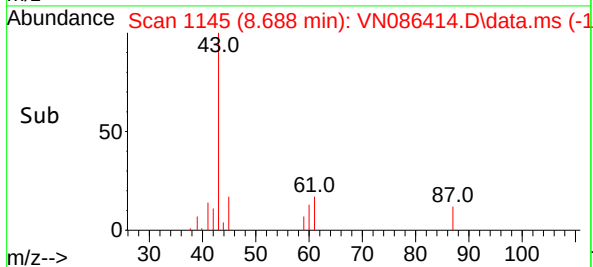
Reviewed By :John Carlone 04/29/2025
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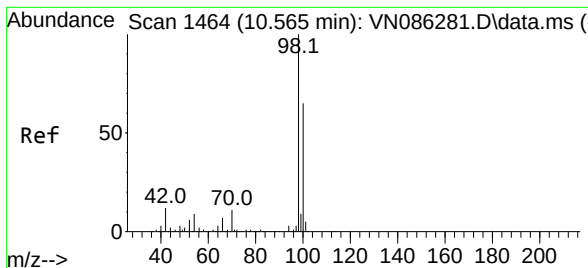


#43
Isopropyl Acetate
Concen: 3.554 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN086414.D
Acq: 28 Apr 2025 16:21



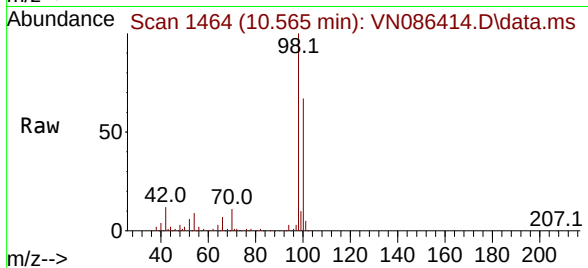
Tgt Ion: 43 Resp: 30676
Ion Ratio Lower Upper
43 100
61 14.6 20.5 30.7#
87 10.3 10.5 15.7#





#50
Toluene-d8
Concen: 51.286 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086414.D
Acq: 28 Apr 2025 16:21

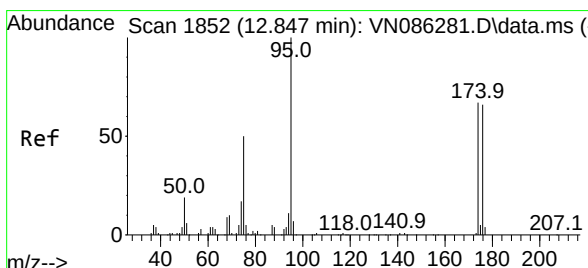
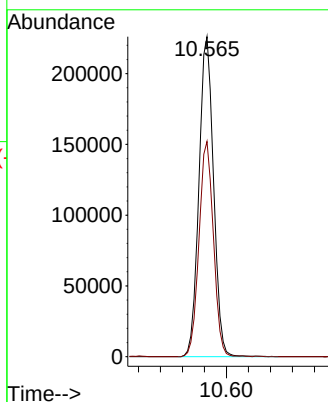
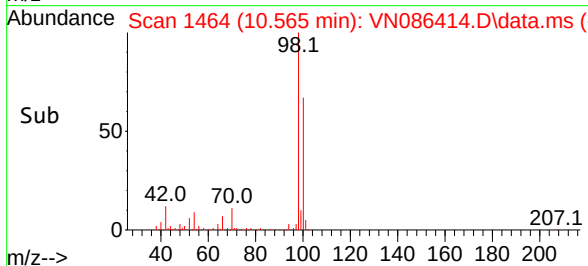
Instrument :
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Tgt Ion: 98 Resp: 41618
Ion Ratio Lower Upper
98 100
100 66.5 52.5 78.7

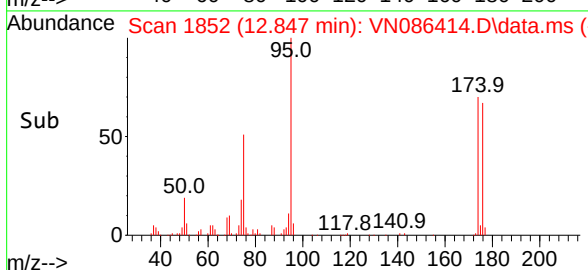
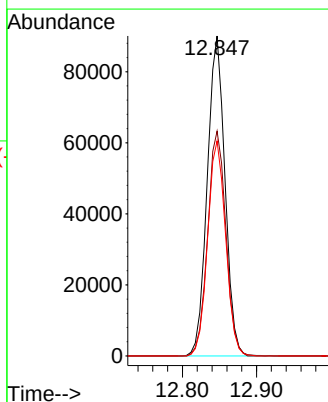
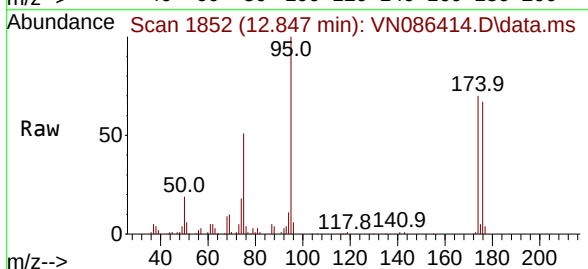
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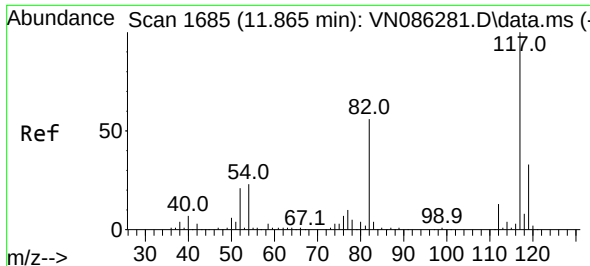
Reviewed By :John Carbone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#62
4-Bromofluorobenzene
Concen: 50.533 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086414.D
Acq: 28 Apr 2025 16:21

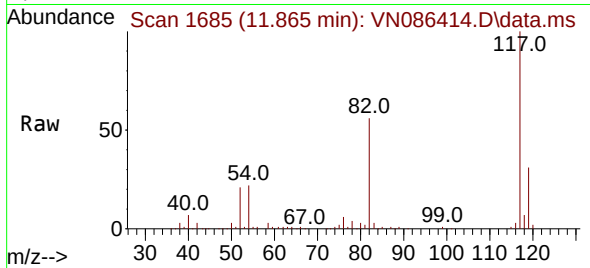
Tgt Ion: 95 Resp: 149573
Ion Ratio Lower Upper
95 100
174 72.0 0.0 133.4
176 68.1 0.0 129.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086414.D
Acq: 28 Apr 2025 16:21

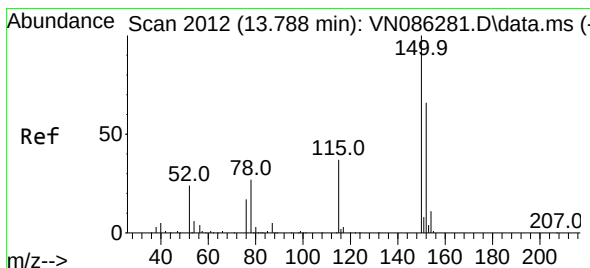
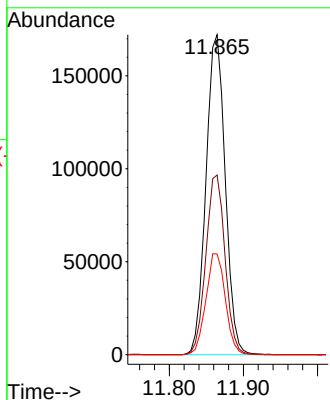
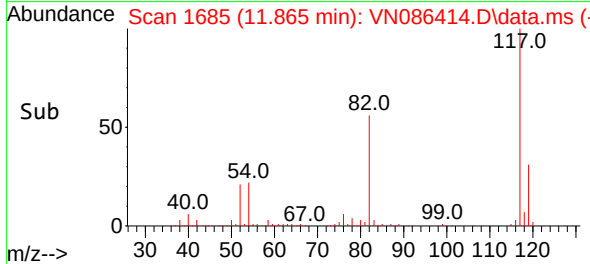
Instrument :
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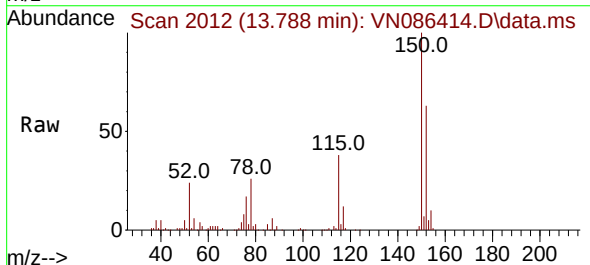
Tgt Ion:117 Resp: 310310
Ion Ratio Lower Upper
117 100
82 56.1 44.7 67.1
119 31.5 26.4 39.6

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: VN086414.D
Acq: 28 Apr 2025 16:21



Tgt Ion:152 Resp: 130639
Ion Ratio Lower Upper
152 100
115 61.2 31.9 95.9
150 160.1 0.0 352.0

