

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042825\
 Data File : VN086416.D
 Acq On : 28 Apr 2025 17:10
 Operator : JC\MD
 Sample : PB167744ZHE#13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167744ZHE#13

Manual Integrations
 APPROVED

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

Quant Time: Apr 29 01:56:38 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	168706	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	321100	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	299873	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	127780	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122339	50.008	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.020%			
35) Dibromofluoromethane	8.165	113	80776	54.202	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.400%			
50) Toluene-d8	10.565	98	407439	51.156	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.320%			
62) 4-Bromofluorobenzene	12.847	95	143038	49.237	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.480%			
Target Compounds						
16) Acetone	4.430	43	66757	74.929	ug/l	100
18) Methyl Acetate	5.030	43	3685	1.255	ug/l #	63
20) Methylene Chloride	5.265	84	3710	1.640	ug/l #	75
43) Isopropyl Acetate	8.688	43	31804m	3.860	ug/l	

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

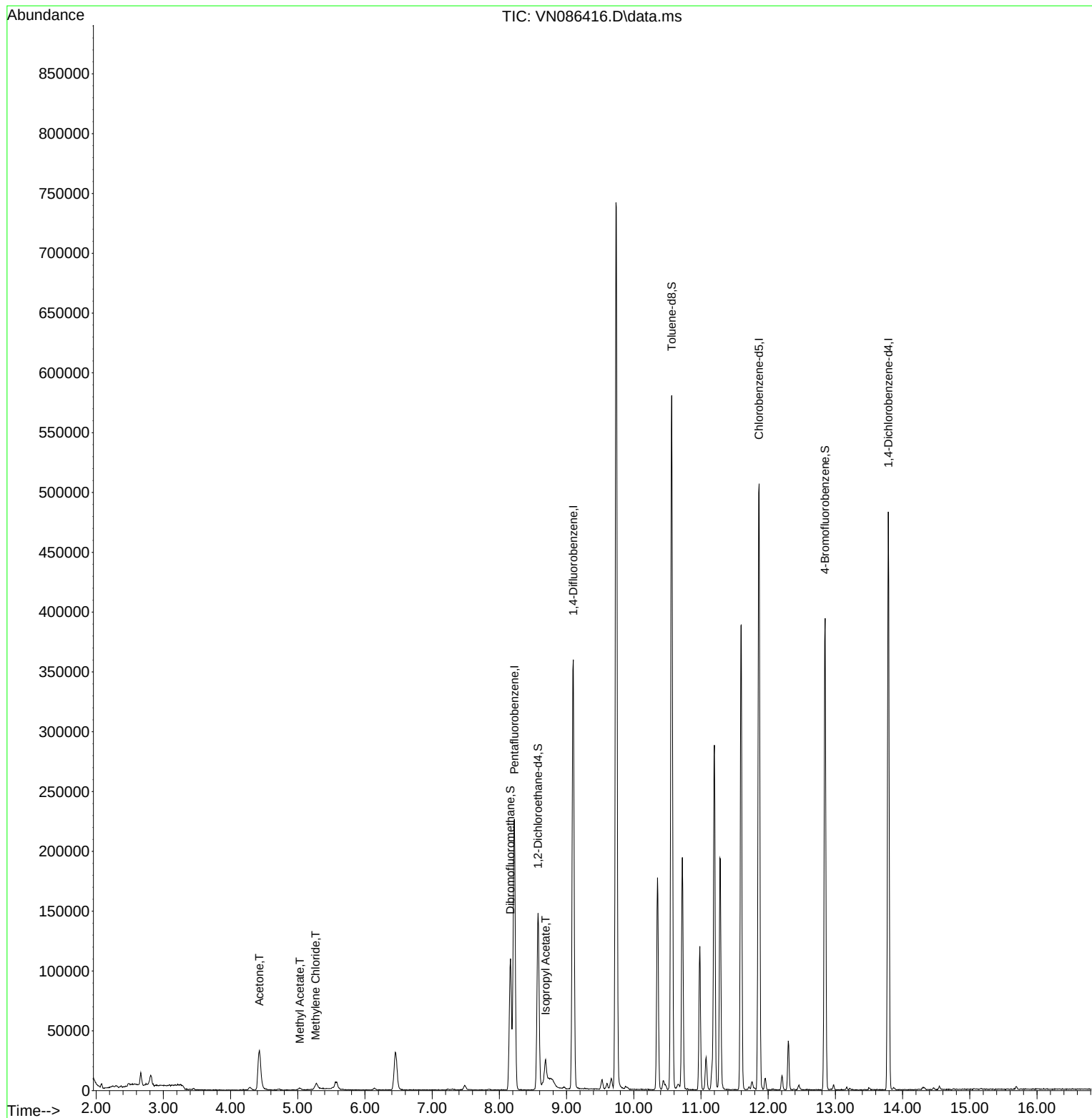
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042825\
Data File : VN086416.D
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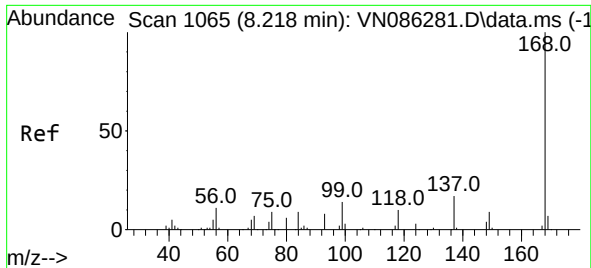
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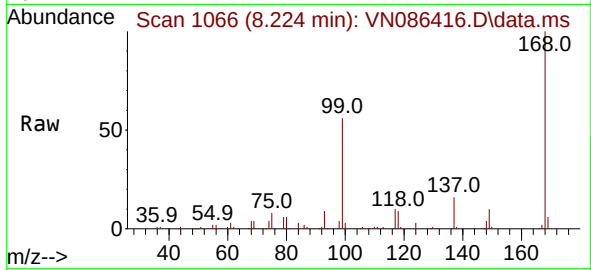
Quant Time: Apr 29 01:56:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086416.D
Acq: 28 Apr 2025 17:10

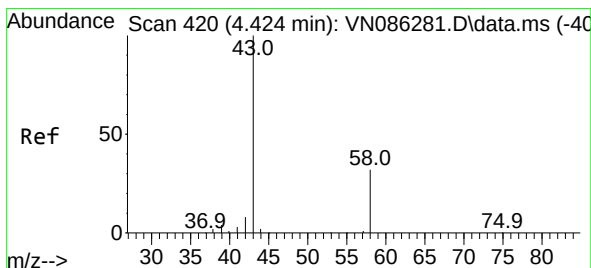
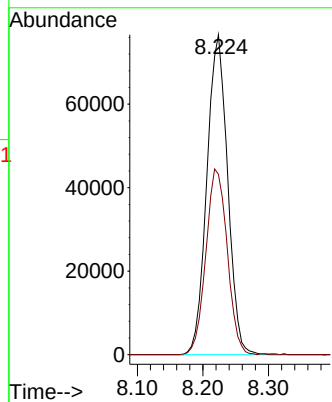
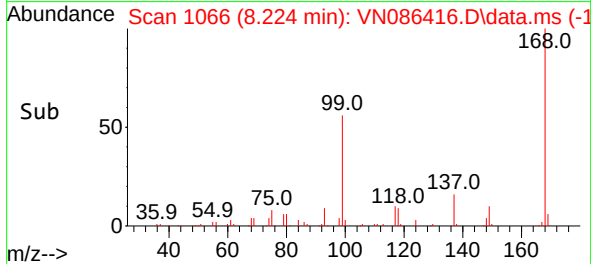
Instrument :
MSVOA_N
ClientSampleId :
PB167744ZHE#13



Tgt Ion:168 Resp: 168700
Ion Ratio Lower Upper
168 100
99 56.4 52.5 78.7

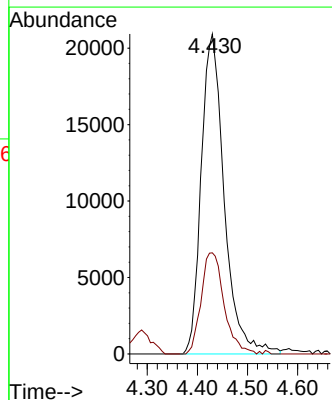
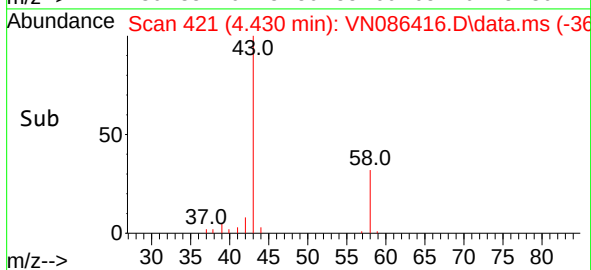
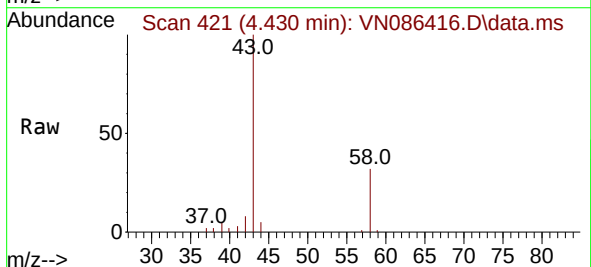
Manual Integrations
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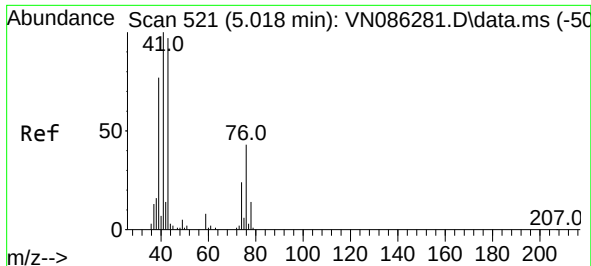
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#16
Acetone
Concen: 74.929 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086416.D
Acq: 28 Apr 2025 17:10

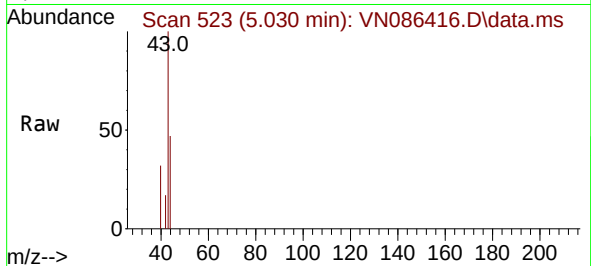
Tgt Ion: 43 Resp: 66757
Ion Ratio Lower Upper
43 100
58 31.6 25.3 37.9





#18
Methyl Acetate
Concen: 1.255 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN086416.D
Acq: 28 Apr 2025 17:10

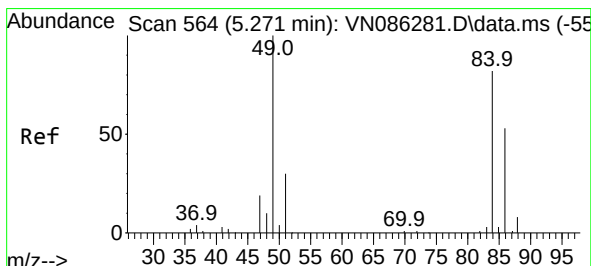
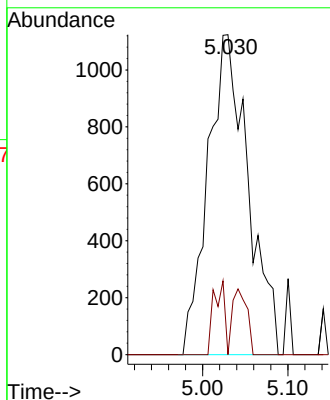
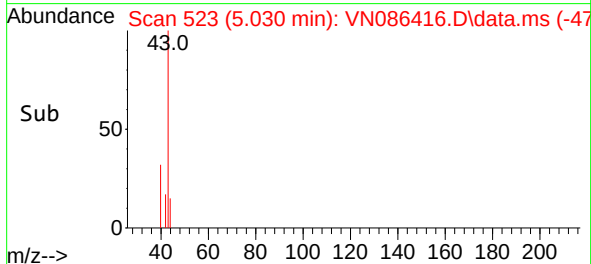
Instrument :
MSVOA_N
ClientSampleId :
PB167744ZHE#13



Tgt Ion: 43 Resp: 368
Ion Ratio Lower Upper
43 100
74 6.3 19.8 29.6

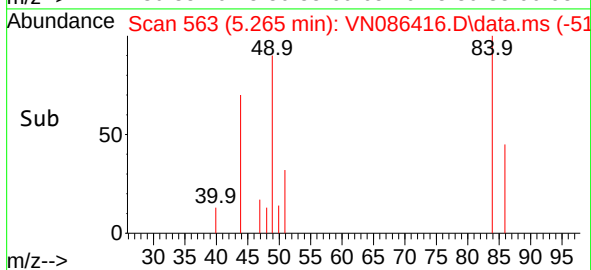
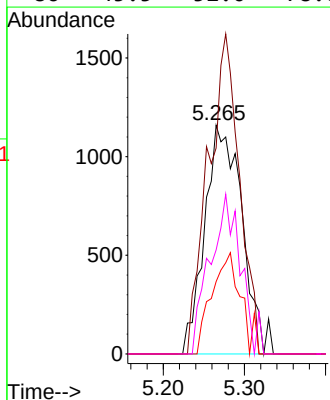
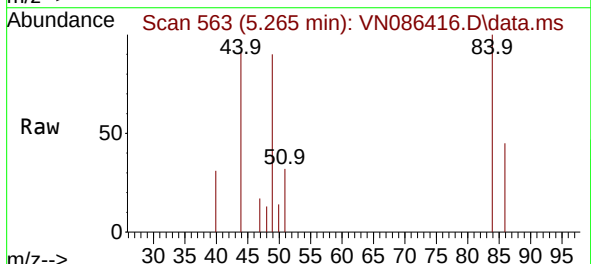
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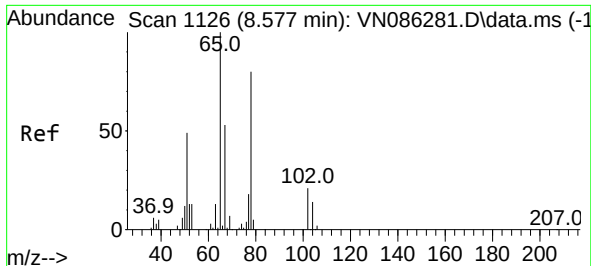
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#20
Methylene Chloride
Concen: 1.640 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN086416.D
Acq: 28 Apr 2025 17:10

Tgt Ion: 84 Resp: 3710
Ion Ratio Lower Upper
84 100
49 90.1 98.2 147.2#
51 31.6 29.8 44.6
86 45.5 52.0 78.0#





#33

1,2-Dichloroethane-d4

Concen: 50.008 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086416.D

Acq: 28 Apr 2025 17:10

Instrument :

MSVOA_N

ClientSampleId :

PB167744ZHE#13

Tgt Ion: 65 Resp: 122339

Ion Ratio Lower Upper

65 100

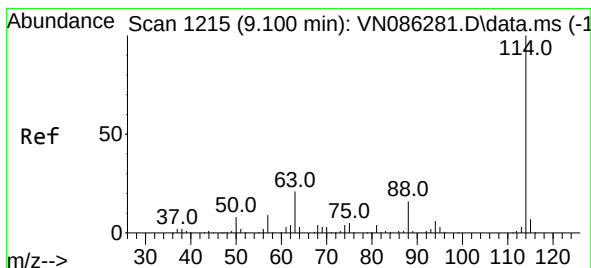
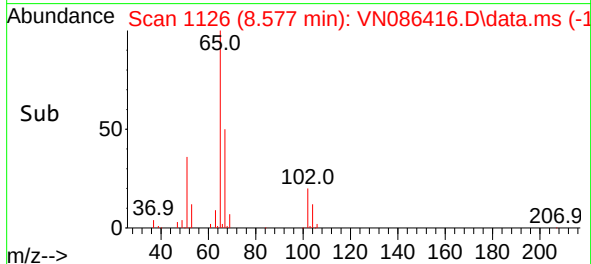
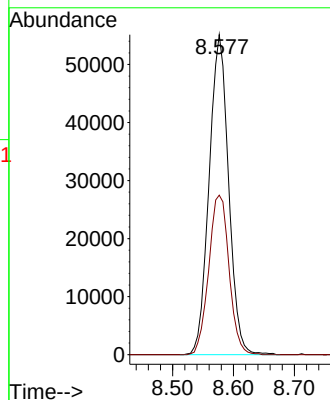
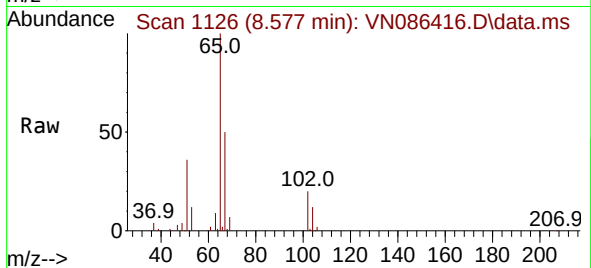
67 52.0 0.0 106.0

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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: VN086416.D

Acq: 28 Apr 2025 17:10

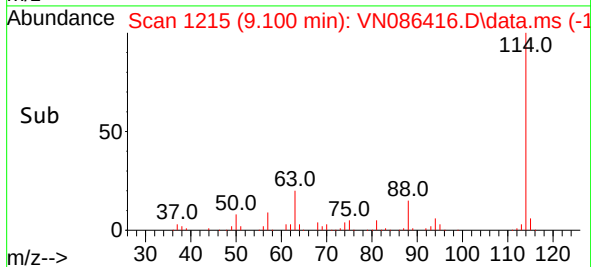
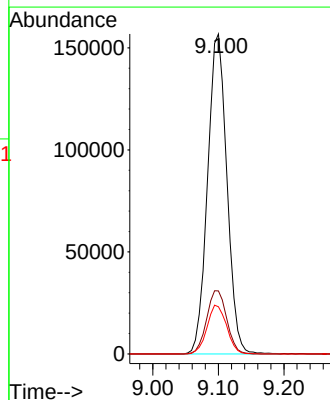
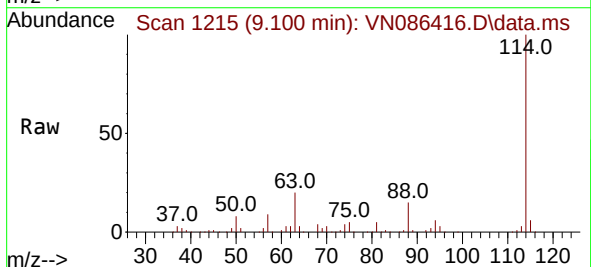
Tgt Ion:114 Resp: 321100

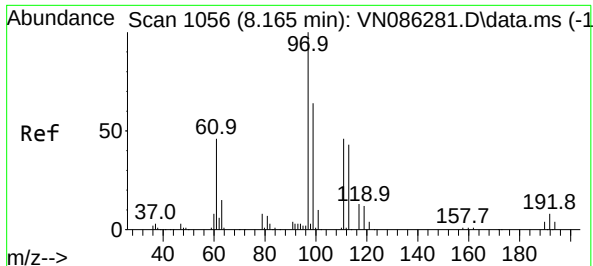
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.6

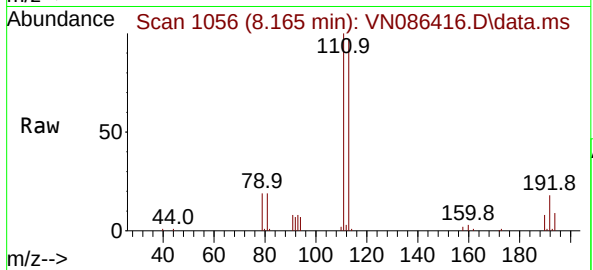
88 14.8 0.0 31.8





#35
Dibromofluoromethane
Concen: 54.202 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086416.D
Acq: 28 Apr 2025 17:10

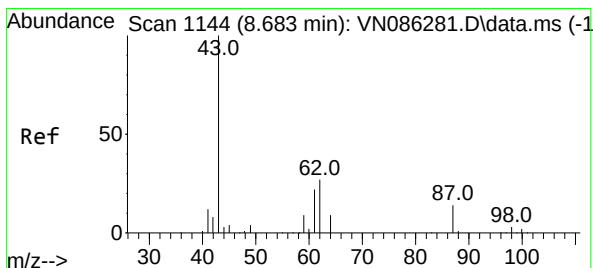
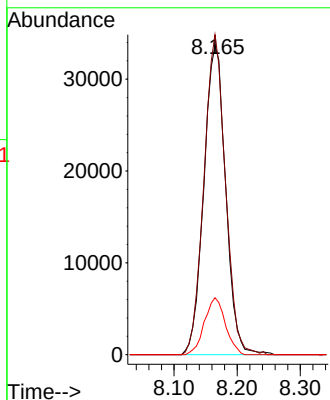
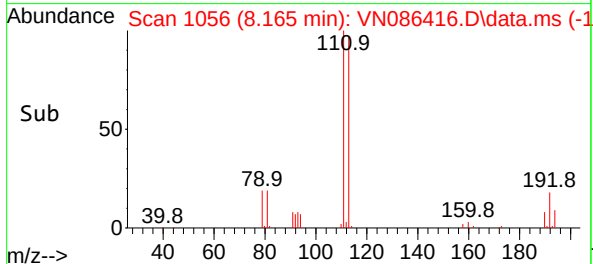
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ClientSampleId :
PB167744ZHE#13



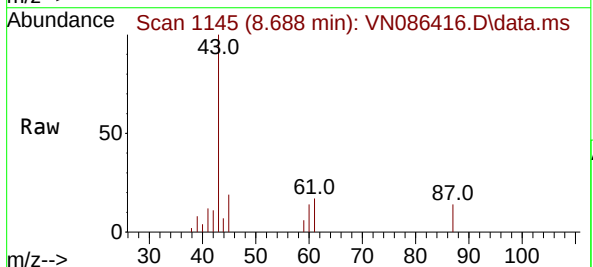
Tgt Ion: 113 Resp: 80770
Ion Ratio Lower Upper
113 100
111 101.9 83.4 125.0
192 17.7 13.7 20.5

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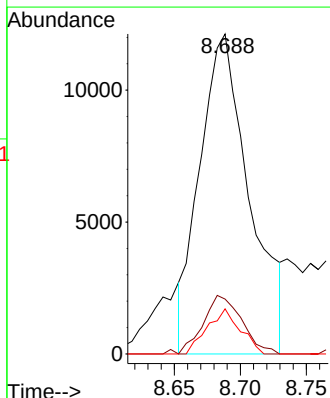
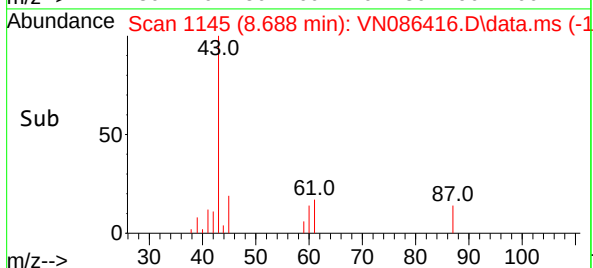
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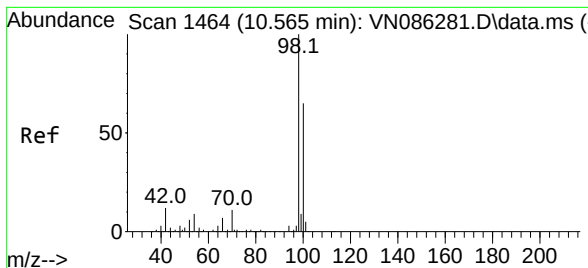


#43
Isopropyl Acetate
Concen: 3.860 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN086416.D
Acq: 28 Apr 2025 17:10



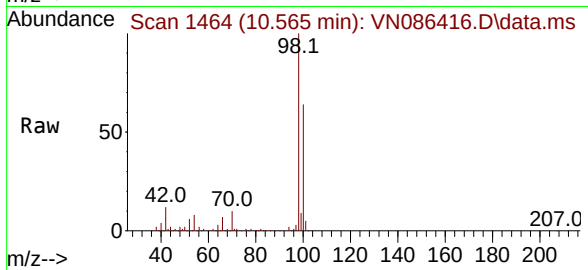
Tgt Ion: 43 Resp: 31804
Ion Ratio Lower Upper
43 100
61 14.4 20.5 30.7#
87 9.4 10.5 15.7#





#50
Toluene-d8
Concen: 51.156 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086416.D
Acq: 28 Apr 2025 17:10

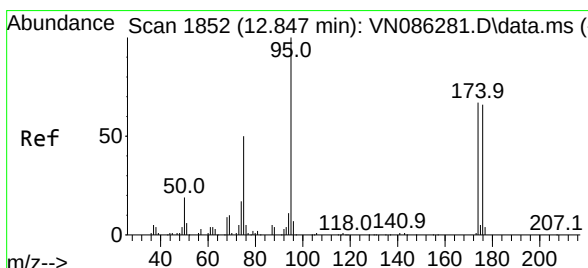
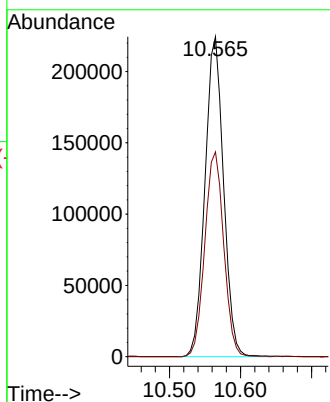
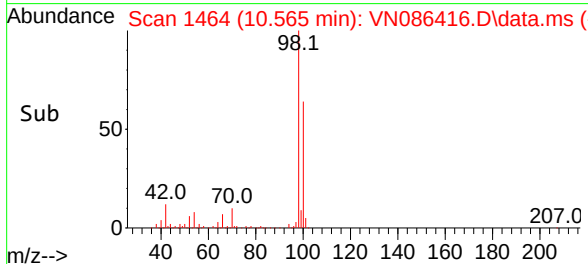
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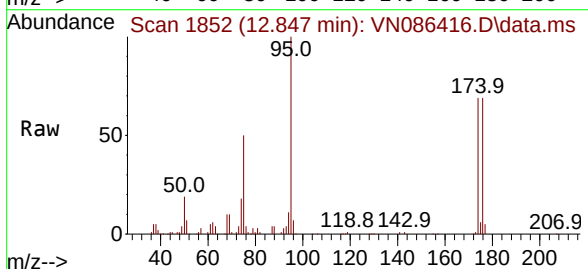
Tgt Ion: 98 Resp: 407439
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7

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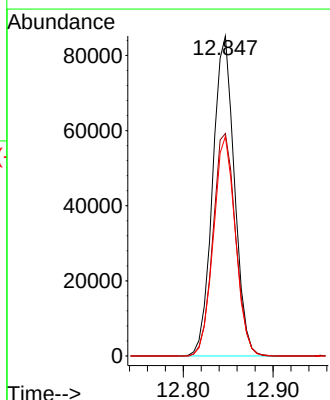
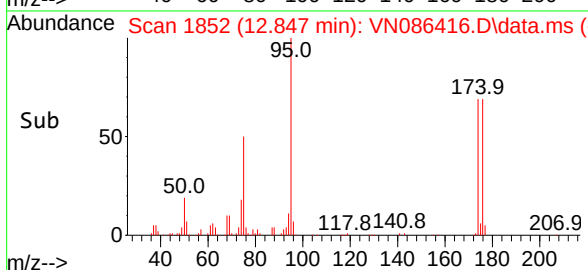
Reviewed By :John Carlone 04/29/2025
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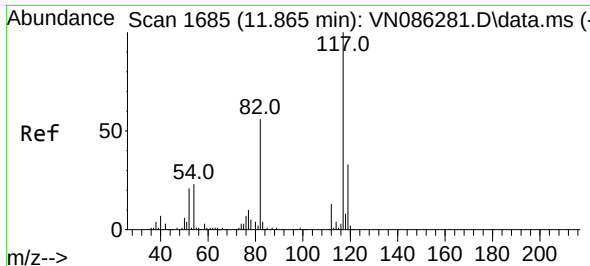


#62
4-Bromofluorobenzene
Concen: 49.237 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086416.D
Acq: 28 Apr 2025 17:10



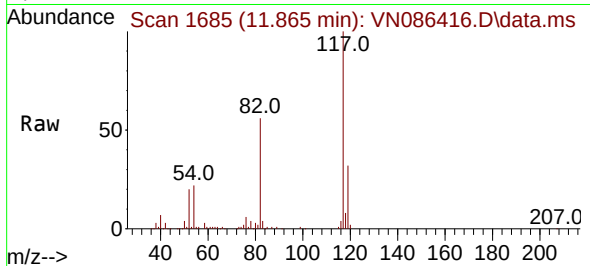
Tgt Ion: 95 Resp: 143038
Ion Ratio Lower Upper
95 100
174 72.3 0.0 133.4
176 69.5 0.0 129.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1185
Delta R.T. -0.000 min
Lab File: VN086416.D
Acq: 28 Apr 2025 17:10

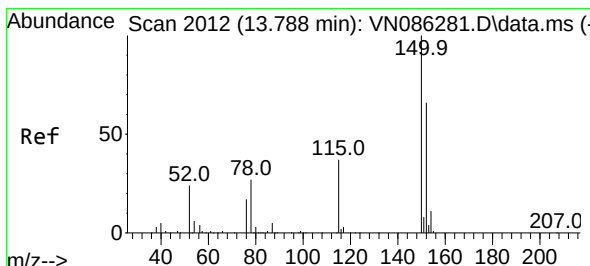
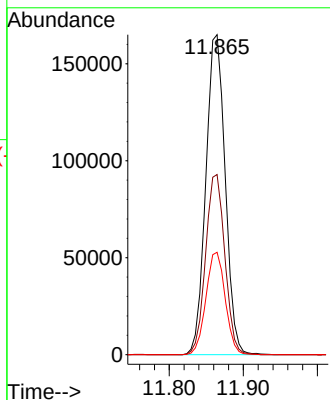
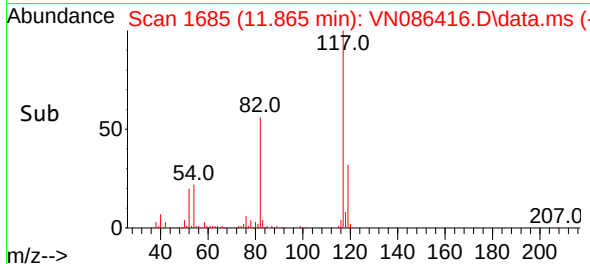
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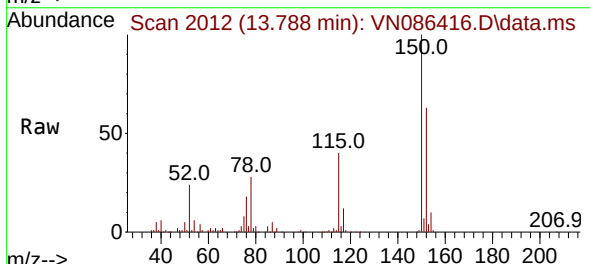
Tgt Ion:117 Resp: 29987
Ion Ratio Lower Upper
117 100
82 56.3 44.7 67.1
119 32.0 26.4 39.6

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: VN086416.D
Acq: 28 Apr 2025 17:10



Tgt Ion:152 Resp: 127780
Ion Ratio Lower Upper
152 100
115 62.5 31.9 95.9
150 158.6 0.0 352.0

