

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043025\
 Data File : VN086438.D
 Acq On : 30 Apr 2025 15:52
 Operator : JC\MD
 Sample : PB167775ZHE#08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167775ZHE#08

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/02/2025
 Supervised By : Semsettin Yesilyurt 05/05/2025

Quant Time: May 01 01:35:25 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	152396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	290562	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	278585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	115953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	108560	49.125	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.240%		
35) Dibromofluoromethane	8.165	113	69036	51.193	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.380%		
50) Toluene-d8	10.565	98	372168	51.638	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.280%		
62) 4-Bromofluorobenzene	12.847	95	131749	50.118	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.240%		
Target Compounds						
11) Tert butyl alcohol	5.524	59	7734	19.181	ug/l #	82
16) Acetone	4.424	43	36591	43.170	ug/l	99
20) Methylene Chloride	5.277	84	8453	4.138	ug/l	89
25) 2-Butanone	7.483	43	36167	26.293	ug/l #	89
43) Isopropyl Acetate	8.683	43	41588m	6.422	ug/l	

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

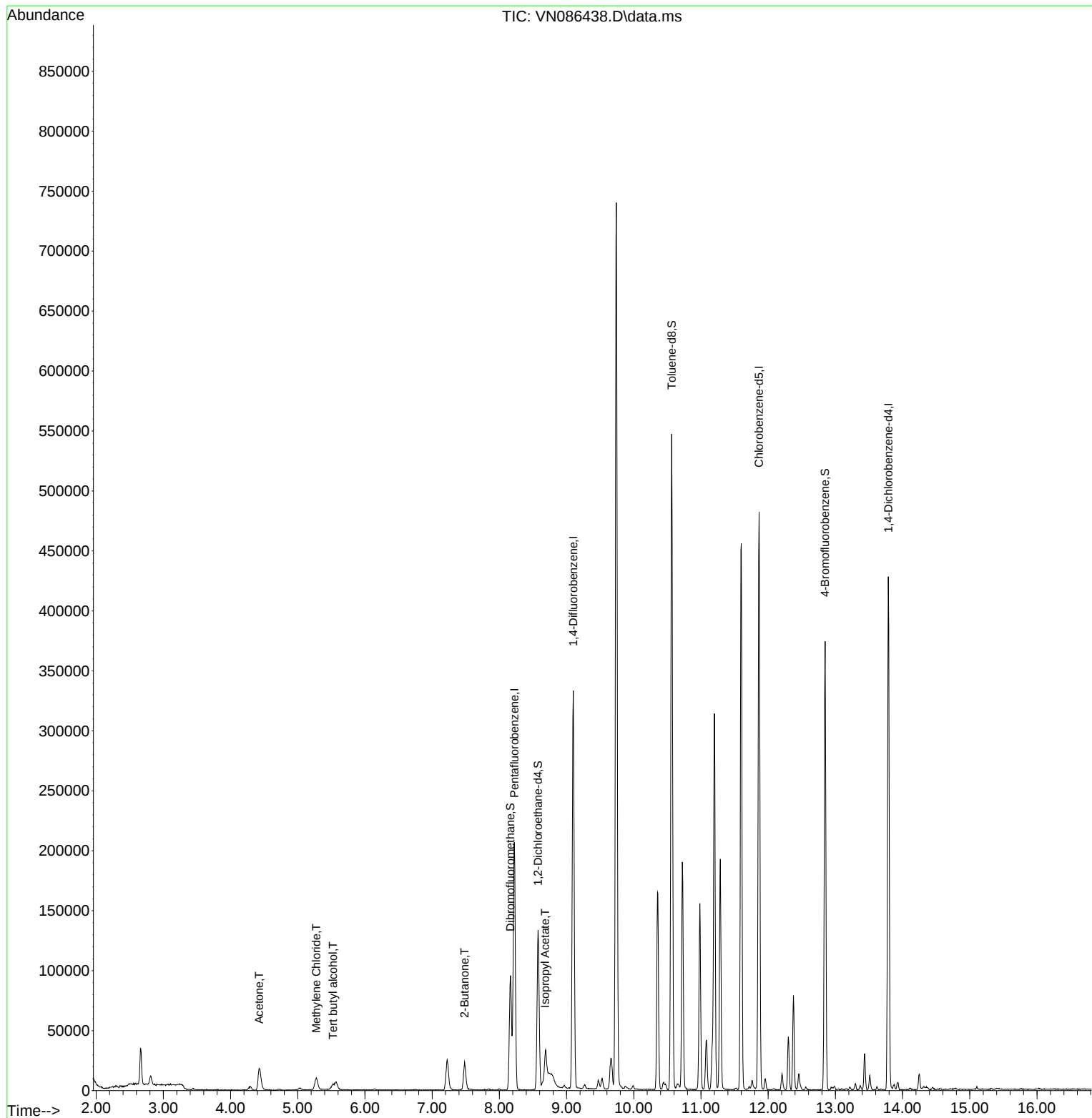
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043025\
Data File : VN086438.D
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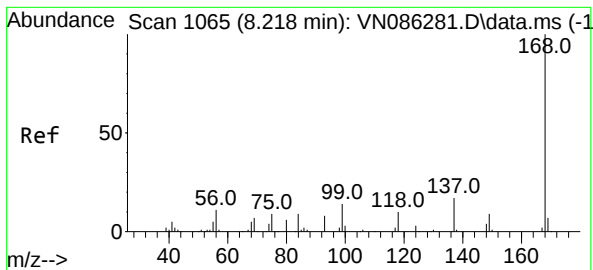
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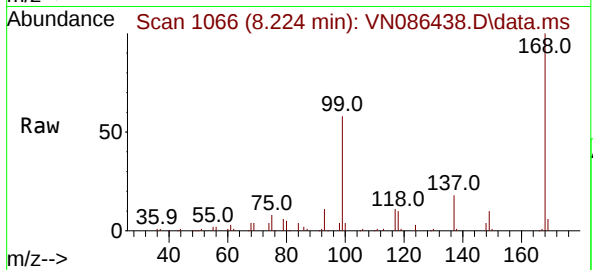
Quant Time: May 01 01:35:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086438.D
Acq: 30 Apr 2025 15:52

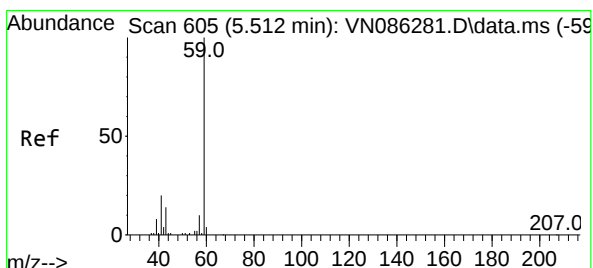
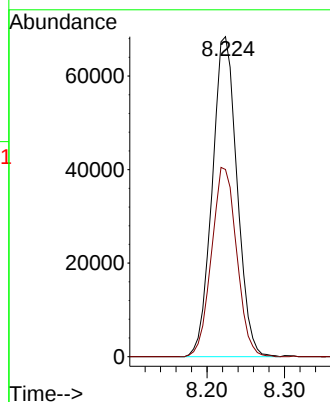
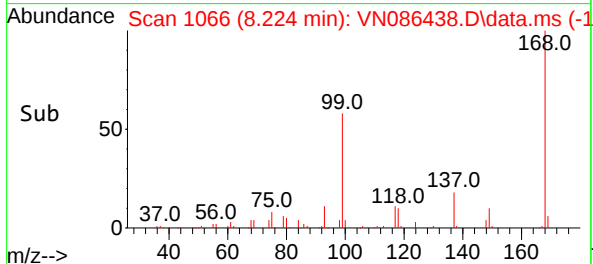
Instrument :
MSVOA_N
ClientSampleId :
PB167775ZHE#08



Tgt Ion:168 Resp: 152390
Ion Ratio Lower Upper
168 100
99 58.5 52.5 78.7

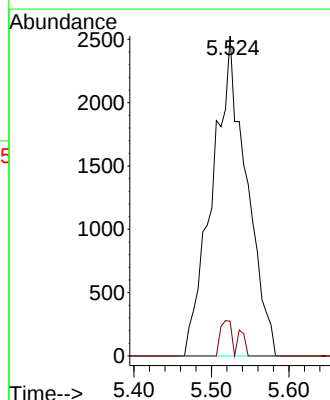
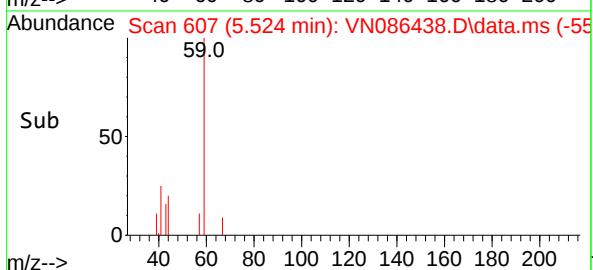
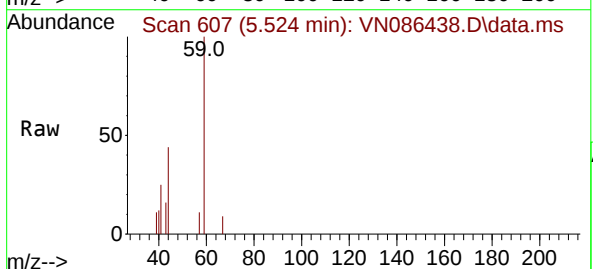
Manual Integrations
APPROVED

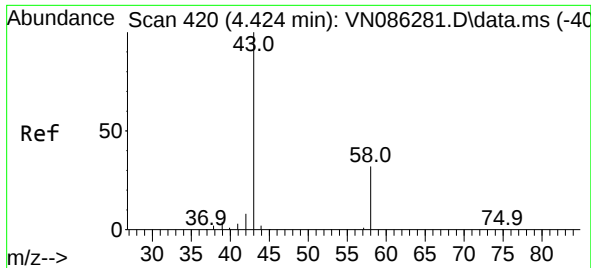
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#11
Tert butyl alcohol
Concen: 19.181 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN086438.D
Acq: 30 Apr 2025 15:52

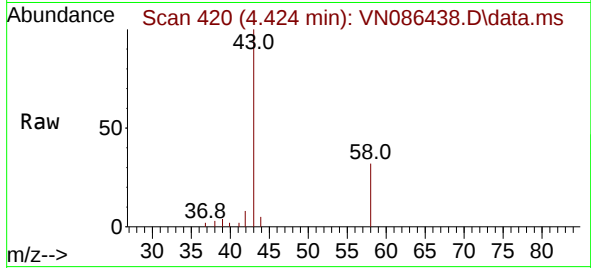
Tgt Ion: 59 Resp: 7734
Ion Ratio Lower Upper
59 100
57 3.6 8.3 12.5#





#16
Acetone
Concen: 43.170 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN086438.D
Acq: 30 Apr 2025 15:52

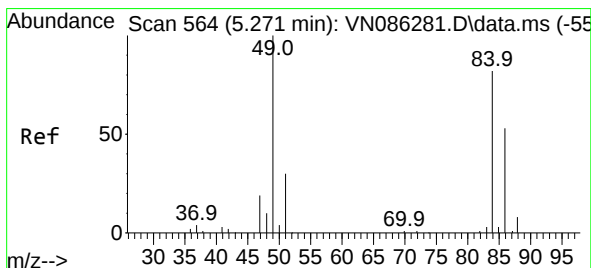
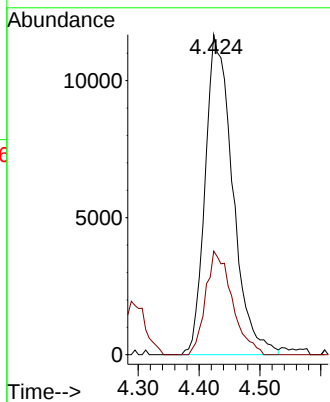
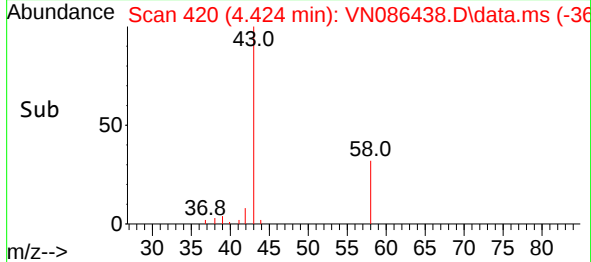
Instrument :
MSVOA_N
ClientSampleId :
PB167775ZHE#08



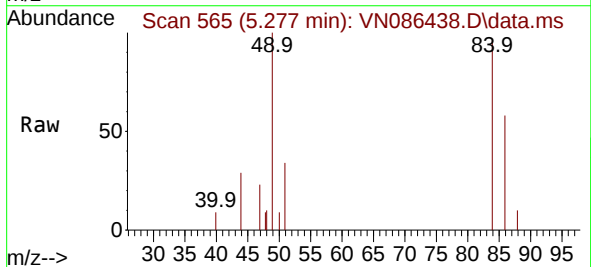
Tgt Ion: 43 Resp: 3659
Ion Ratio Lower Upper
43 100
58 32.3 25.3 37.9

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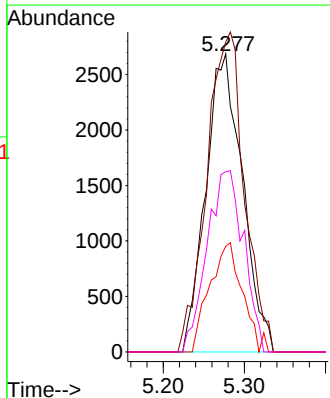
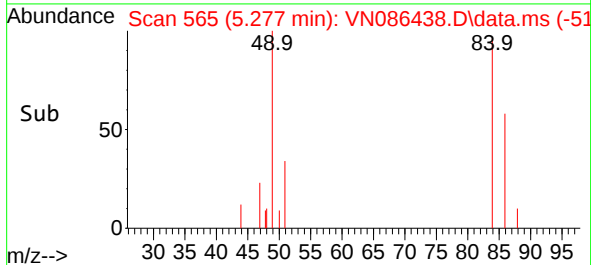
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

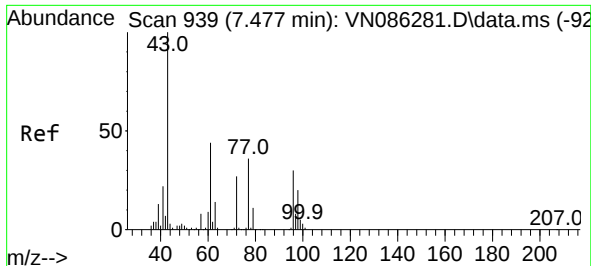


#20
Methylene Chloride
Concen: 4.138 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086438.D
Acq: 30 Apr 2025 15:52



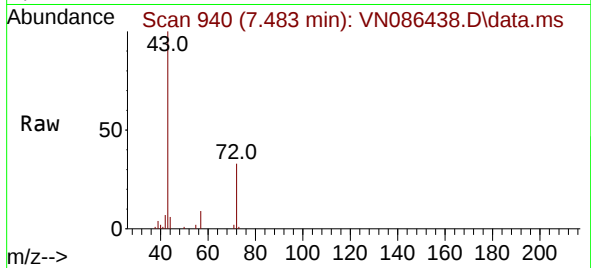
Tgt Ion: 84 Resp: 8453
Ion Ratio Lower Upper
84 100
49 103.9 98.2 147.2
51 35.4 29.8 44.6
86 60.5 52.0 78.0





#25
2-Butanone
Concen: 26.293 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN086438.D
Acq: 30 Apr 2025 15:52

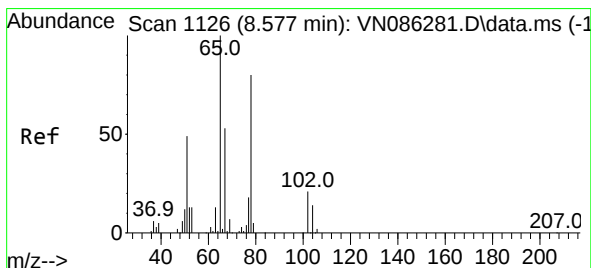
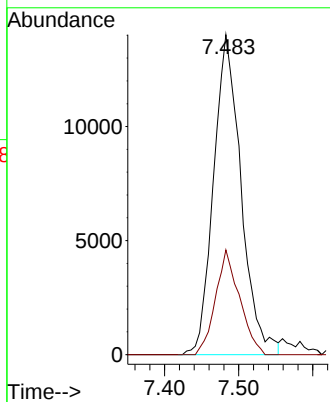
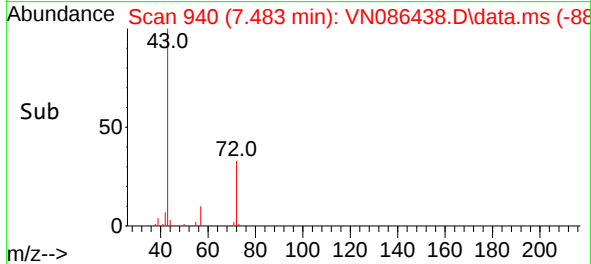
Instrument :
MSVOA_N
ClientSampleId :
PB167775ZHE#08



Tgt Ion: 43 Resp: 3616
Ion Ratio Lower Upper
43 100
72 32.8 21.7 32.5

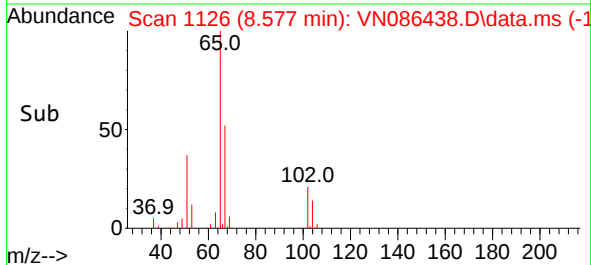
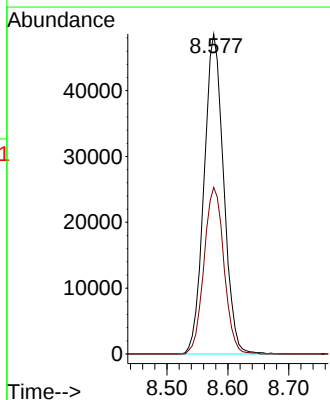
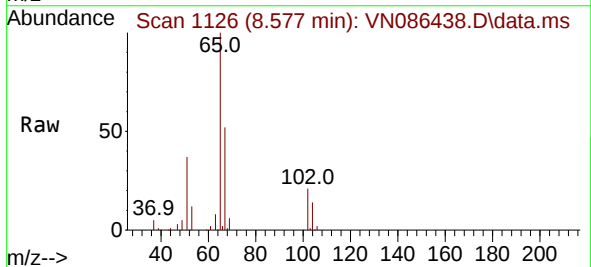
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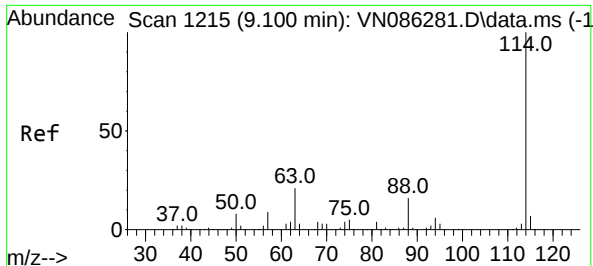
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#33
1,2-Dichloroethane-d4
Concen: 49.125 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086438.D
Acq: 30 Apr 2025 15:52

Tgt Ion: 65 Resp: 108560
Ion Ratio Lower Upper
65 100
67 52.9 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN086438.D

Acq: 30 Apr 2025 15:52

Instrument :

MSVOA_N

ClientSampleId :

PB167775ZHE#08

Tgt Ion:114 Resp: 290562

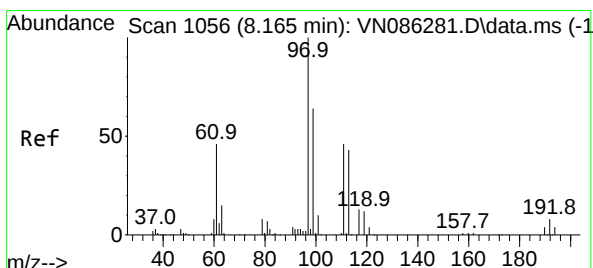
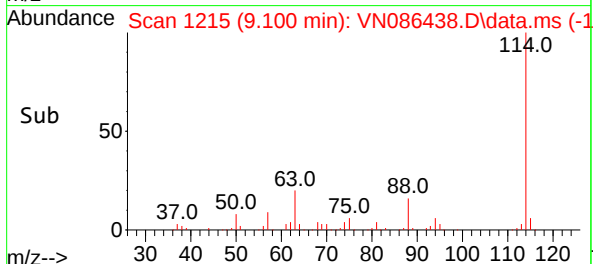
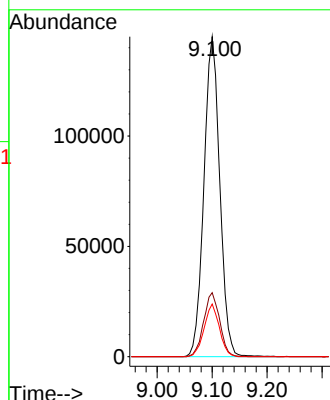
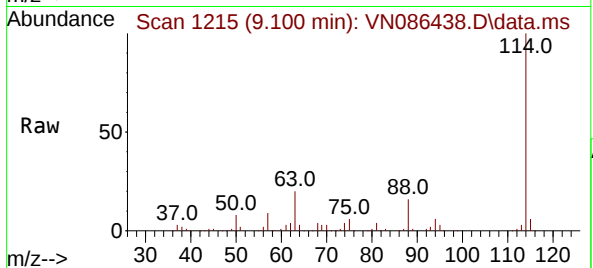
Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	42.6
88	16.5	0.0	31.8

Manual Integrations

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Reviewed By :John Carlone 05/02/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#35

Dibromofluoromethane

Concen: 51.193 ug/l

RT: 8.165 min Scan# 1056

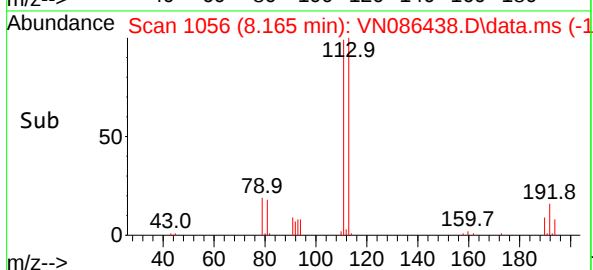
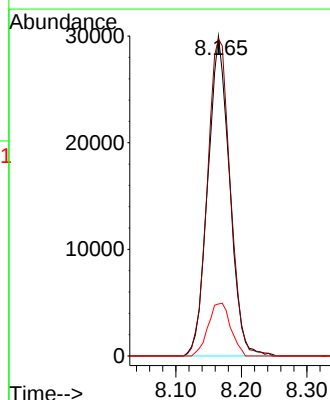
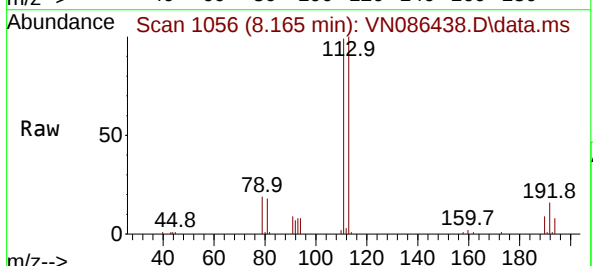
Delta R.T. 0.000 min

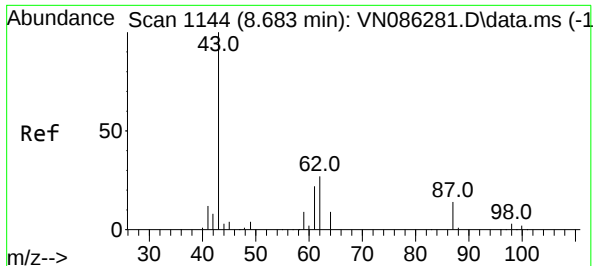
Lab File: VN086438.D

Acq: 30 Apr 2025 15:52

Tgt Ion:113 Resp: 69036

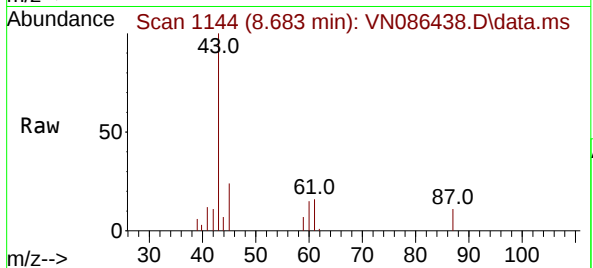
Ion	Ratio	Lower	Upper
113	100		
111	104.2	83.4	125.0
192	17.1	13.7	20.5





#43
Isopropyl Acetate
Concen: 6.422 ug/l m
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086438.D
Acq: 30 Apr 2025 15:52

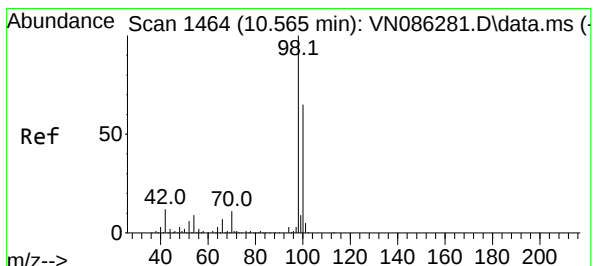
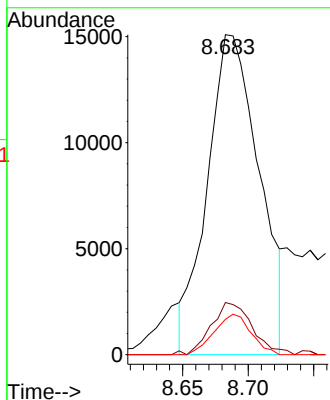
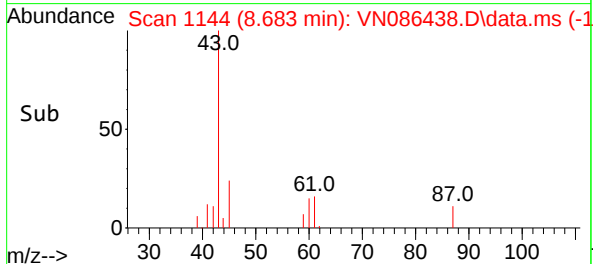
Instrument :
MSVOA_N
ClientSampleId :
PB167775ZHE#08



Tgt Ion: 43 Resp: 41588
Ion Ratio Lower Upper
43 100
61 12.9 20.5 30.7
87 9.0 10.5 15.7

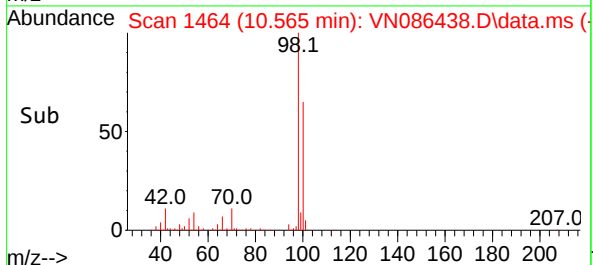
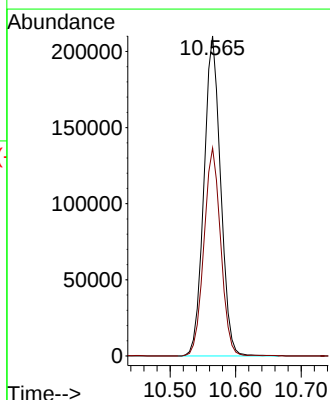
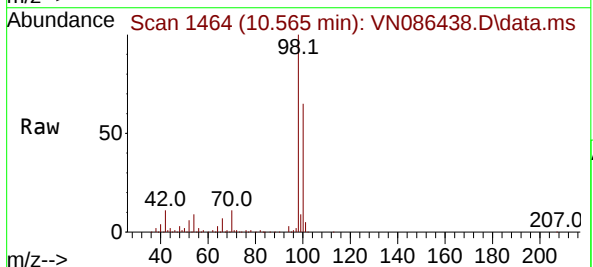
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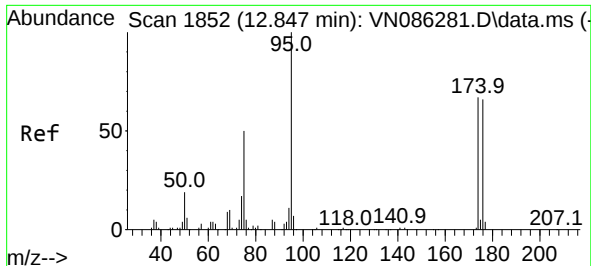
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#50
Toluene-d8
Concen: 51.638 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086438.D
Acq: 30 Apr 2025 15:52

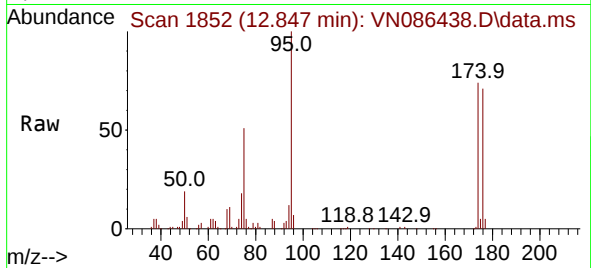
Tgt Ion: 98 Resp: 372168
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7





#62
4-Bromofluorobenzene
Concen: 50.118 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086438.D
Acq: 30 Apr 2025 15:52

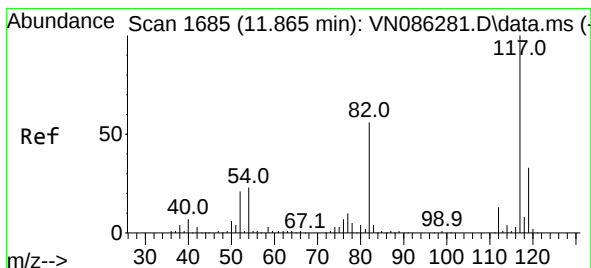
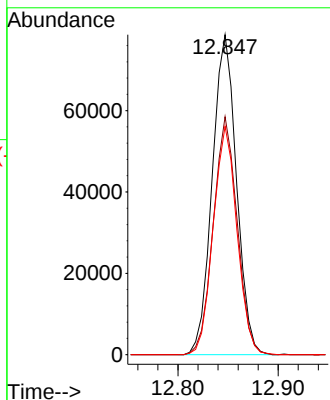
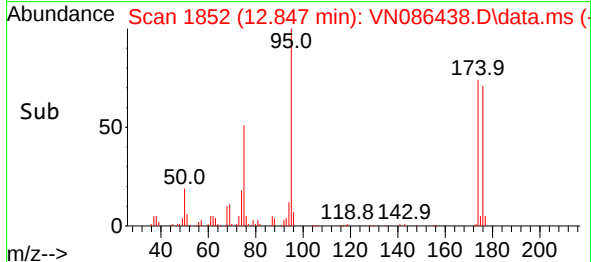
Instrument :
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ClientSampleId :
PB167775ZHE#08



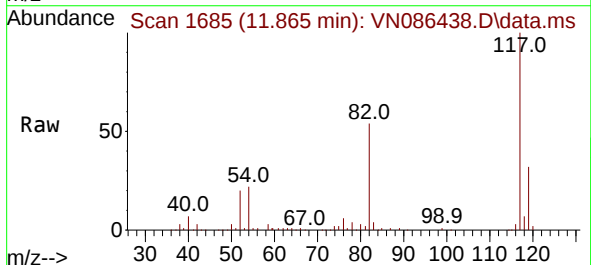
Tgt Ion: 95 Resp: 131749
Ion Ratio Lower Upper
95 100
174 73.3 0.0 133.4
176 70.1 0.0 129.2

Manual Integrations
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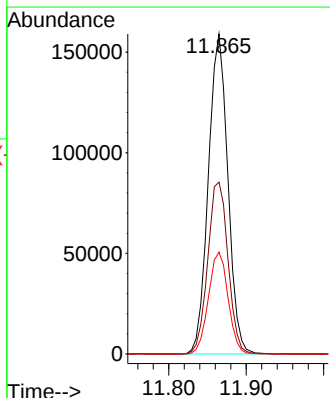
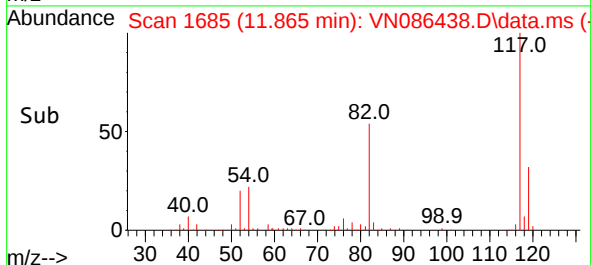
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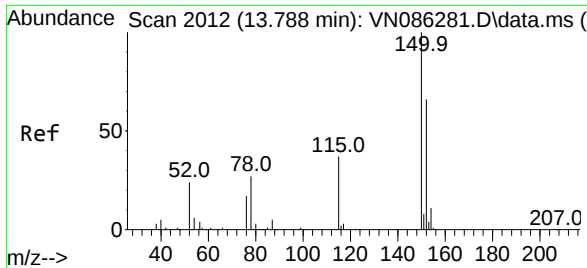


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086438.D
Acq: 30 Apr 2025 15:52



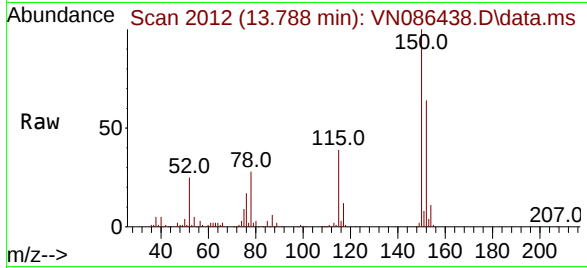
Tgt Ion:117 Resp: 278585
Ion Ratio Lower Upper
117 100
82 53.7 44.7 67.1
119 31.8 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN086438.D
 Acq: 30 Apr 2025 15:52

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167775ZHE#08



Tgt Ion:152 Resp: 11595
 Ion Ratio Lower Upper
 152 100
 115 61.4 31.9 95.9
 150 155.7 0.0 352.0

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