

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043025\
 Data File : VN086436.D
 Acq On : 30 Apr 2025 15:03
 Operator : JC\MD
 Sample : PB167775ZHE#06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167775ZHE#06

Manual Integrations
 APPROVED

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

Quant Time: May 01 01:35:01 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	162709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	313920	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	304957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	130272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	119217	50.528	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.060%			
35) Dibromofluoromethane	8.165	113	75303	51.686	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.380%			
50) Toluene-d8	10.565	98	398013	51.115	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.240%			
62) 4-Bromofluorobenzene	12.847	95	146369	51.536	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.080%			
Target Compounds						
11) Tert butyl alcohol	5.518	59	7483	17.382	ug/l #	90
16) Acetone	4.424	43	38252	42.147	ug/l	94
20) Methylene Chloride	5.277	84	6152	2.820	ug/l #	82
25) 2-Butanone	7.482	43	34930	23.784	ug/l	93
43) Isopropyl Acetate	8.688	43	38840m	5.294	ug/l	

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

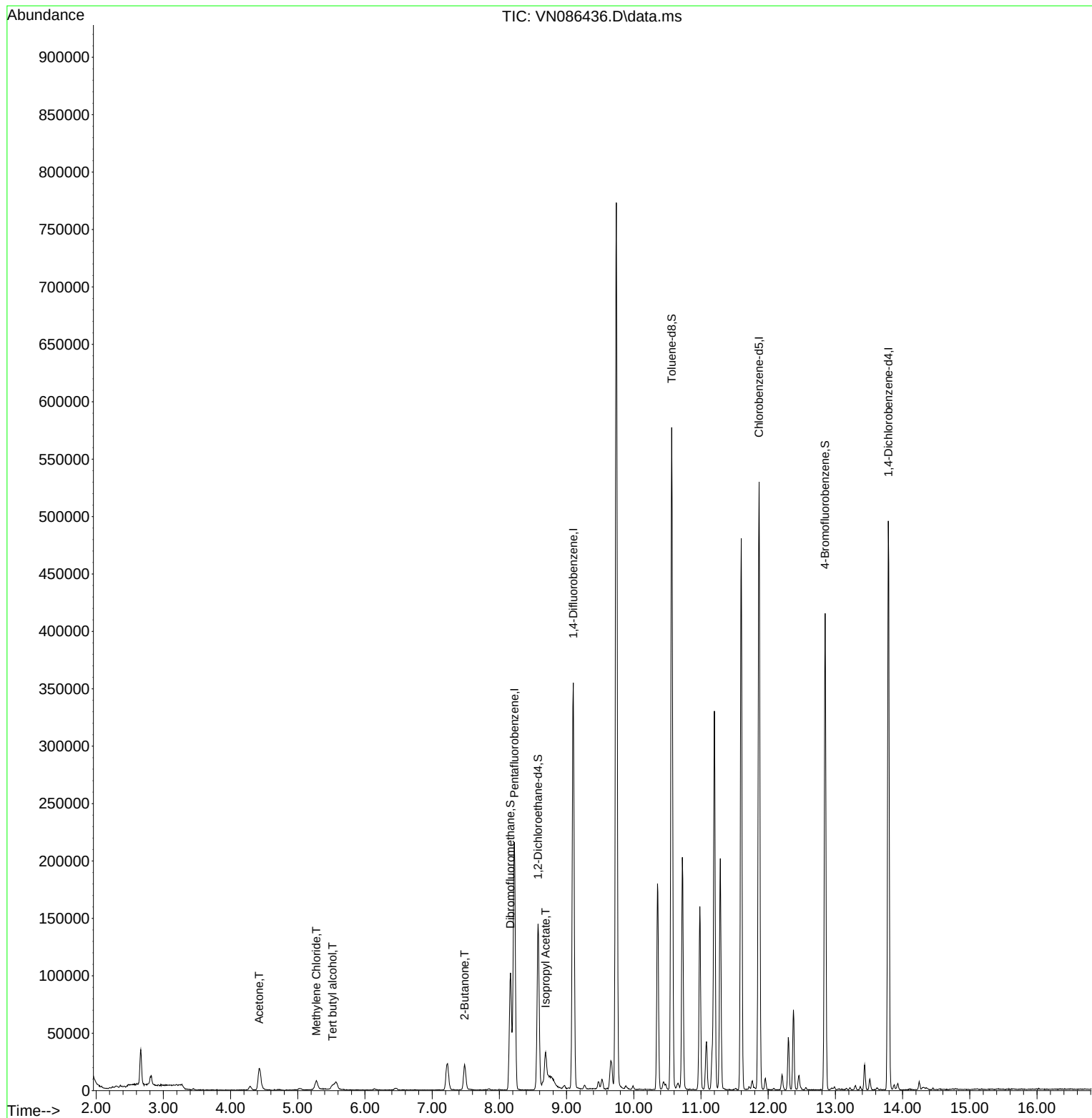
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043025\
Data File : VN086436.D
Acq On : 30 Apr 2025 15:03
Operator : JC\MD
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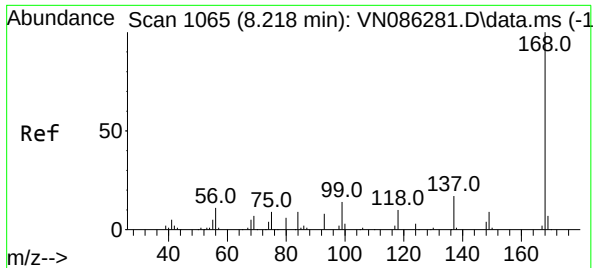
Instrument :
MSVOA_N
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PB167775ZHE#06

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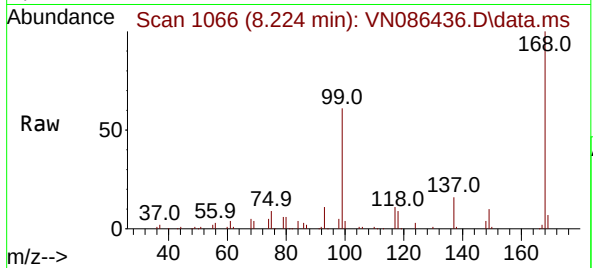
Quant Time: May 01 01:35:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086436.D
Acq: 30 Apr 2025 15:03

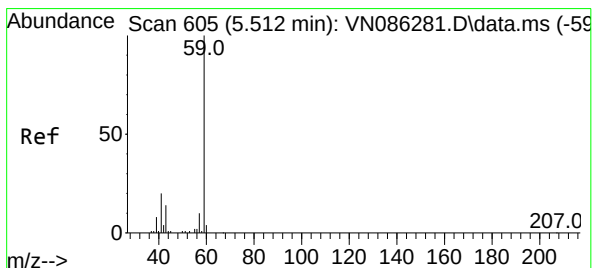
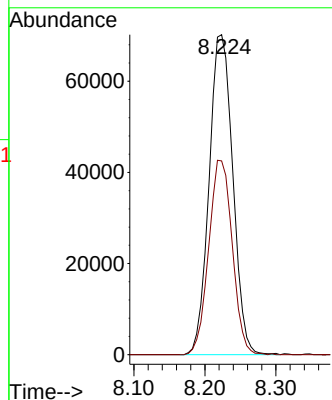
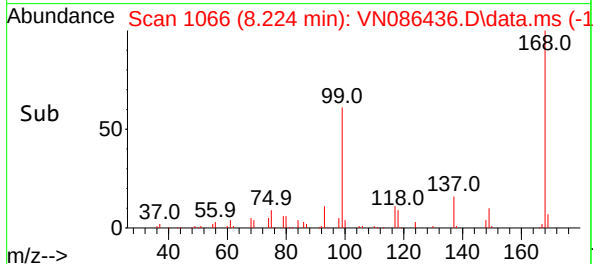
Instrument :
MSVOA_N
ClientSampleId :
PB167775ZHE#06



Tgt Ion:168 Resp: 162709
Ion Ratio Lower Upper
168 100
99 60.5 52.5 78.7

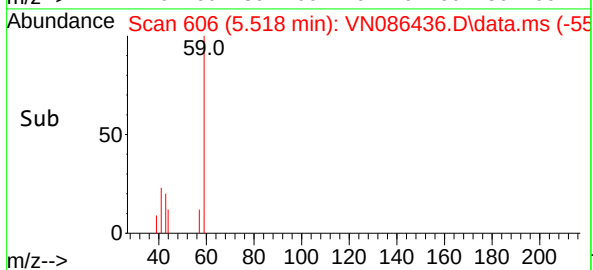
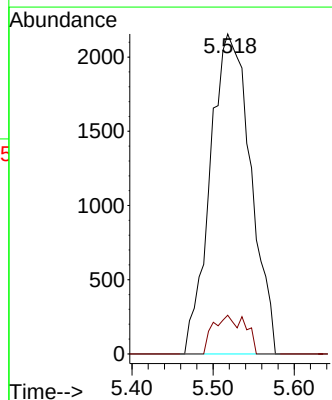
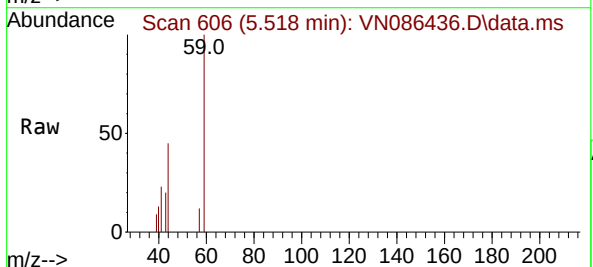
Manual Integrations
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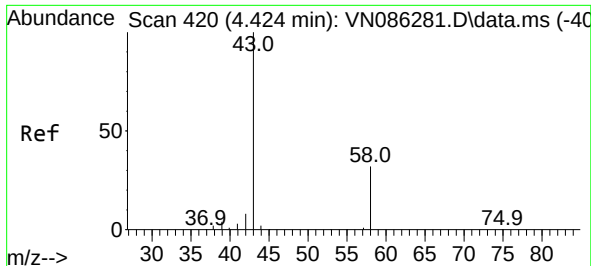
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#11
Tert butyl alcohol
Concen: 17.382 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN086436.D
Acq: 30 Apr 2025 15:03

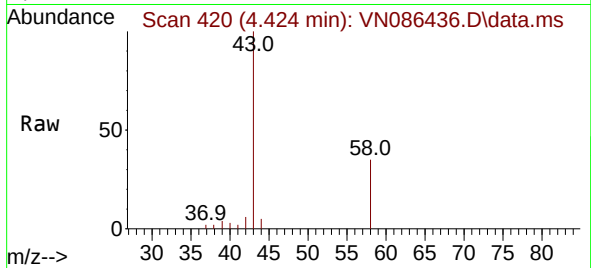
Tgt Ion: 59 Resp: 7483
Ion Ratio Lower Upper
59 100
57 6.8 8.3 12.5#





#16
Acetone
Concen: 42.147 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN086436.D
Acq: 30 Apr 2025 15:03

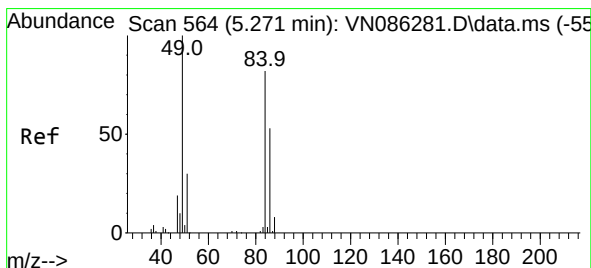
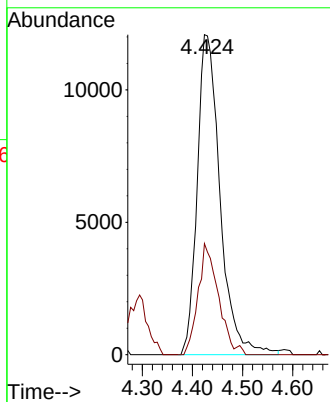
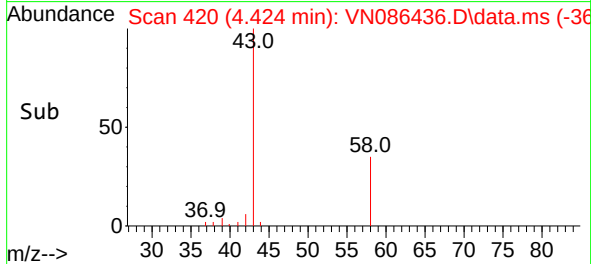
Instrument :
MSVOA_N
ClientSampleId :
PB167775ZHE#06



Tgt Ion: 43 Resp: 3825
Ion Ratio Lower Upper
43 100
58 34.7 25.3 37.9

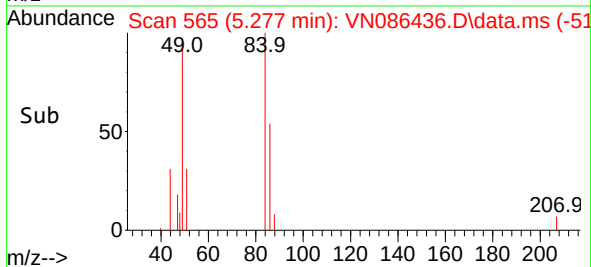
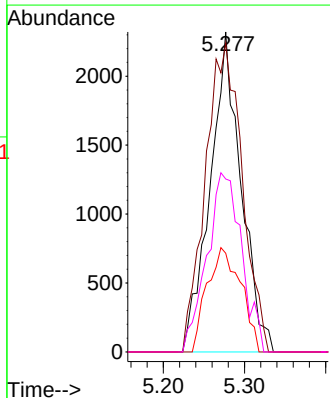
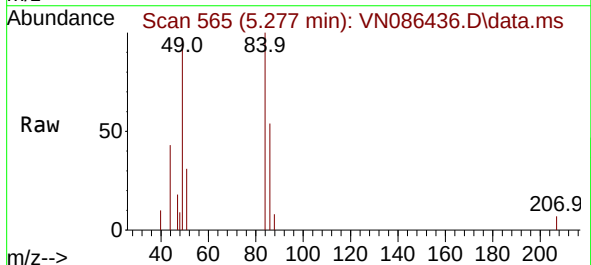
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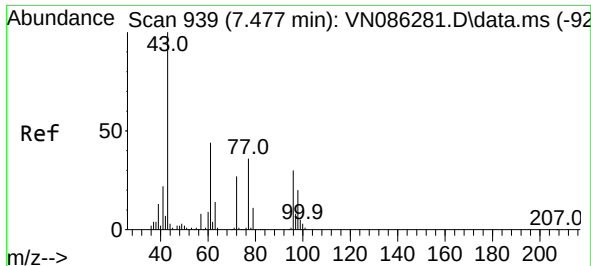
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#20
Methylene Chloride
Concen: 2.820 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086436.D
Acq: 30 Apr 2025 15:03

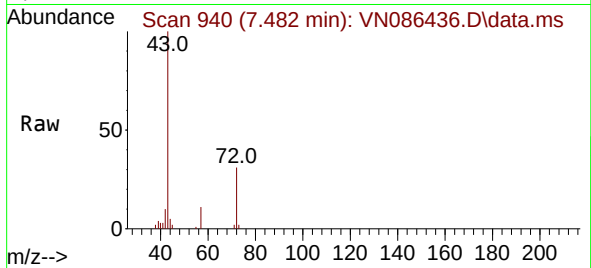
Tgt Ion: 84 Resp: 6152
Ion Ratio Lower Upper
84 100
49 96.6 98.2 147.2#
51 30.8 29.8 44.6
86 54.0 52.0 78.0





#25
2-Butanone
Concen: 23.784 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN086436.D
Acq: 30 Apr 2025 15:03

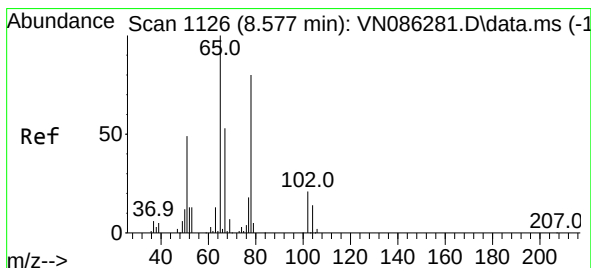
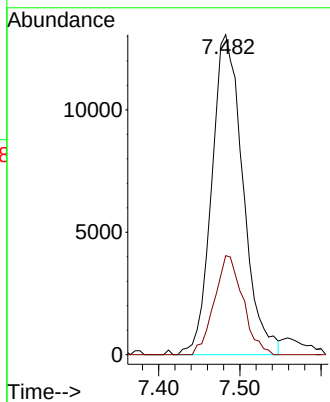
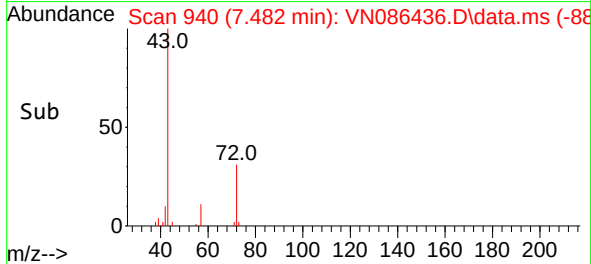
Instrument :
MSVOA_N
ClientSampleId :
PB167775ZHE#06



Tgt Ion: 43 Resp: 34930
Ion Ratio Lower Upper
43 100
72 31.0 21.7 32.5

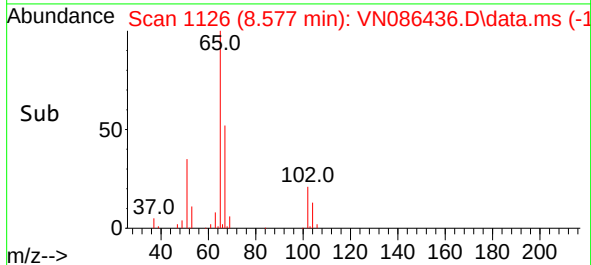
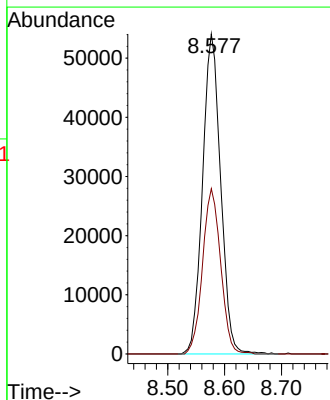
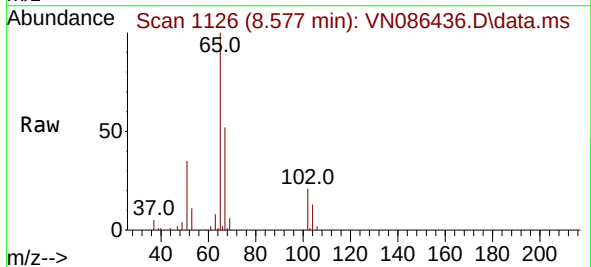
Manual Integrations
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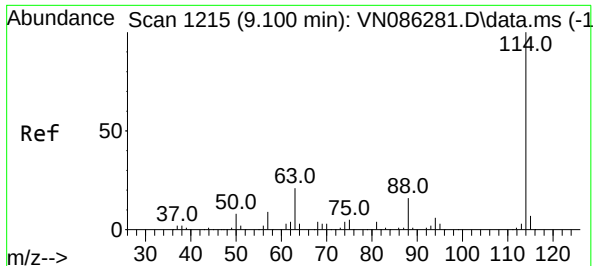
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#33
1,2-Dichloroethane-d4
Concen: 50.528 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086436.D
Acq: 30 Apr 2025 15:03

Tgt Ion: 65 Resp: 119217
Ion Ratio Lower Upper
65 100
67 51.6 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: VN086436.D

Acq: 30 Apr 2025 15:03

Instrument :

MSVOA_N

ClientSampleId :

PB167775ZHE#06

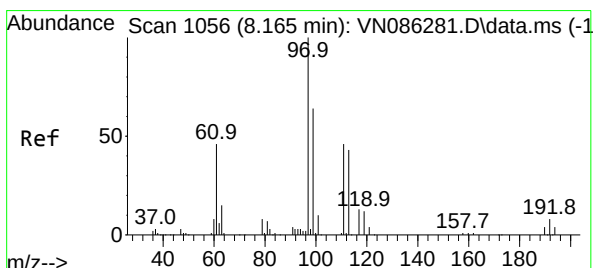
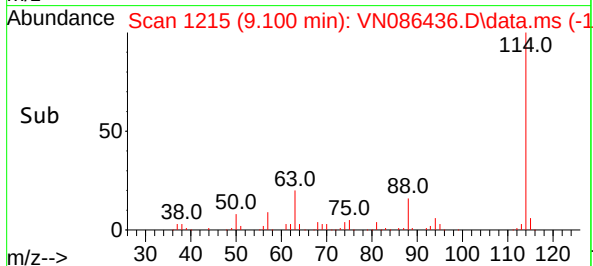
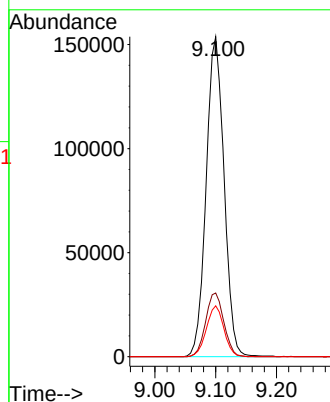
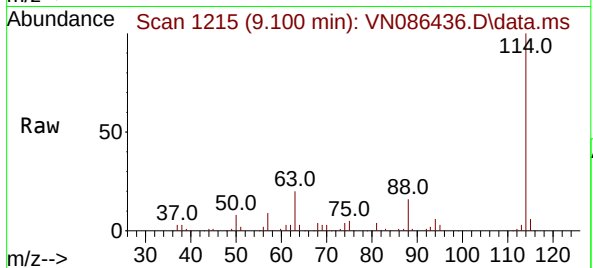
Tgt Ion:114 Resp: 313920
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 42.6
 88 15.9 0.0 31.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#35

Dibromofluoromethane

Concen: 51.686 ug/l

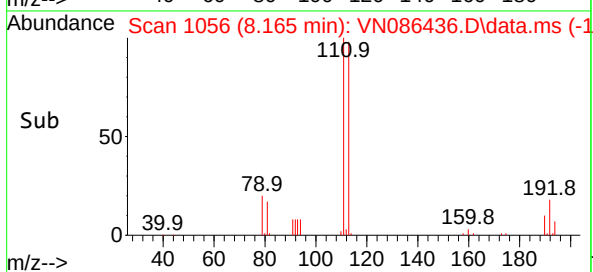
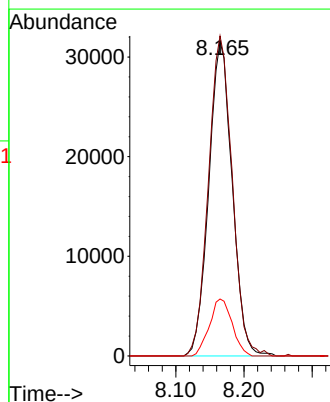
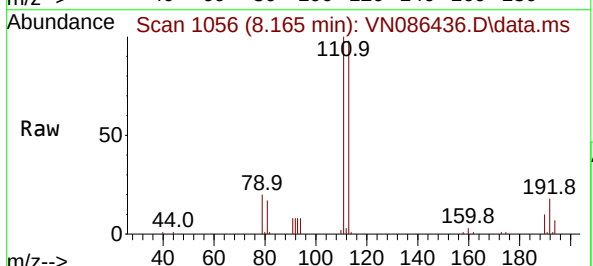
RT: 8.165 min Scan# 1056

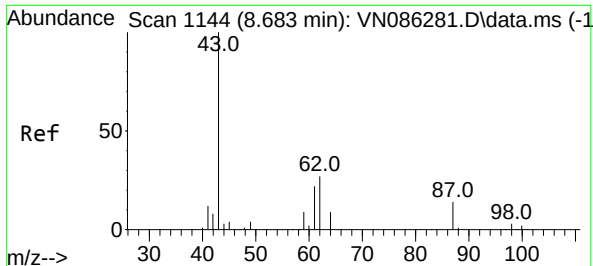
Delta R.T. -0.000 min

Lab File: VN086436.D

Acq: 30 Apr 2025 15:03

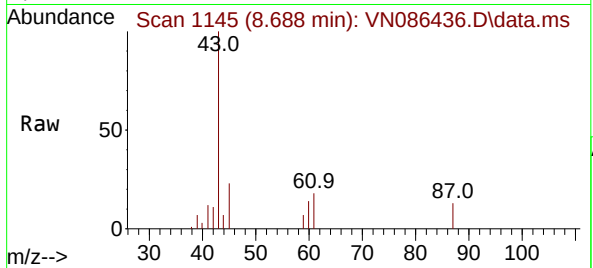
Tgt Ion:113 Resp: 75303
 Ion Ratio Lower Upper
 113 100
 111 103.2 83.4 125.0
 192 17.6 13.7 20.5





#43
Isopropyl Acetate
Concen: 5.294 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN086436.D
Acq: 30 Apr 2025 15:03

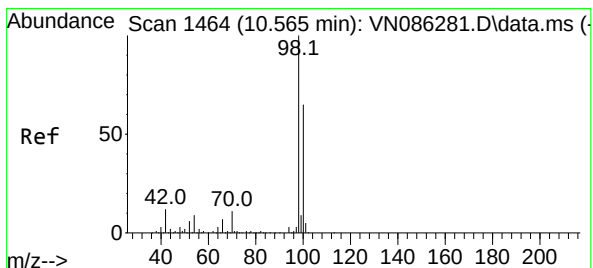
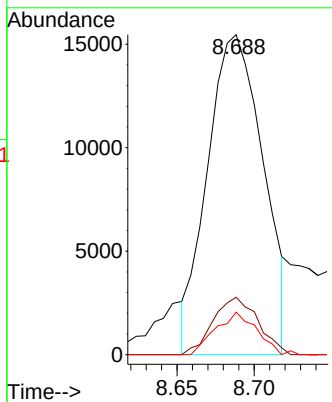
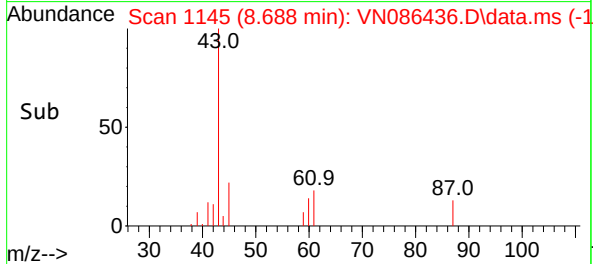
Instrument :
MSVOA_N
ClientSampleId :
PB167775ZHE#06



Tgt Ion: 43 Resp: 38840
Ion Ratio Lower Upper
43 100
61 14.5 20.5 30.7
87 9.9 10.5 15.7

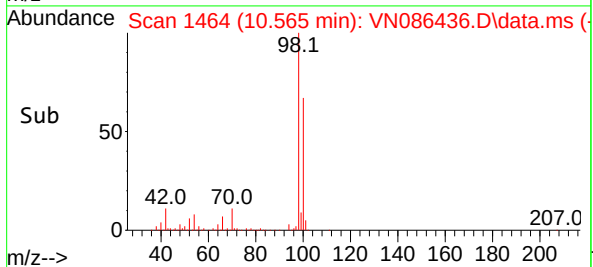
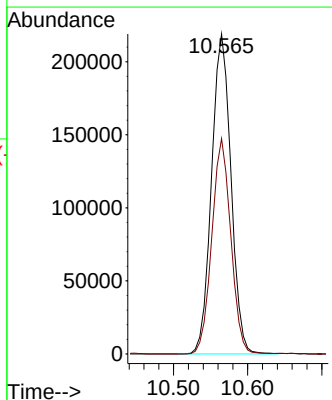
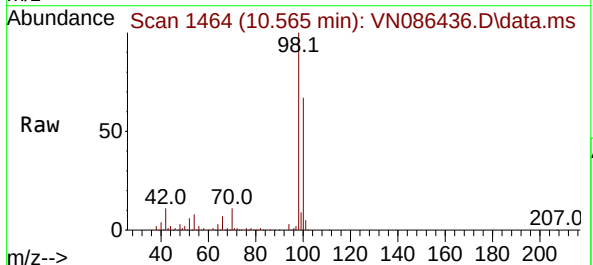
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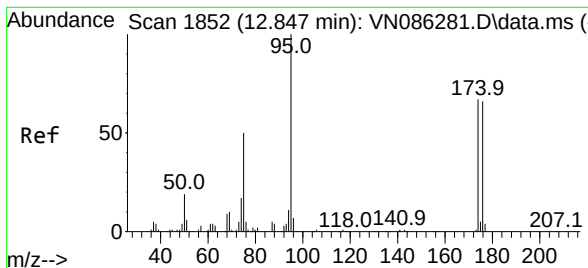
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#50
Toluene-d8
Concen: 51.115 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086436.D
Acq: 30 Apr 2025 15:03

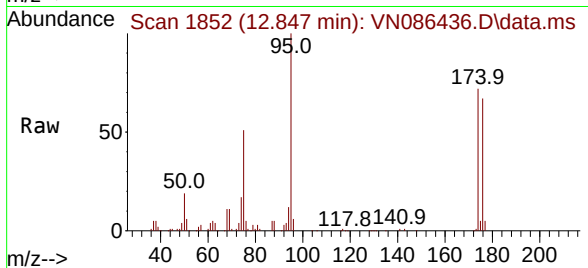
Tgt Ion: 98 Resp: 398013
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7





#62
4-Bromofluorobenzene
Concen: 51.536 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086436.D
Acq: 30 Apr 2025 15:03

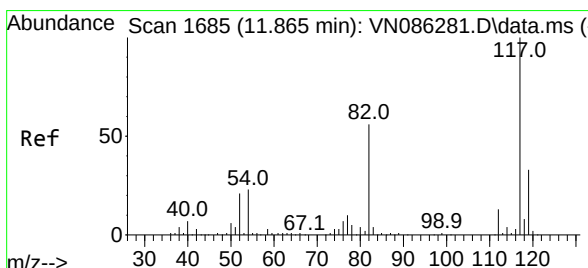
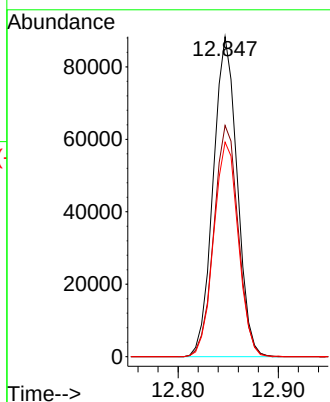
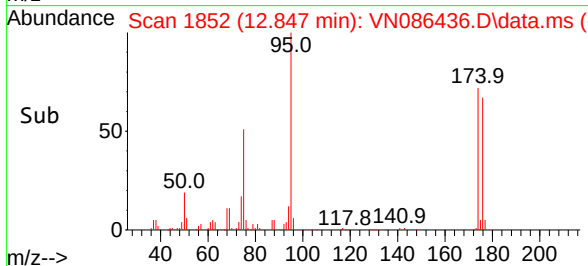
Instrument :
MSVOA_N
ClientSampleId :
PB167775ZHE#06



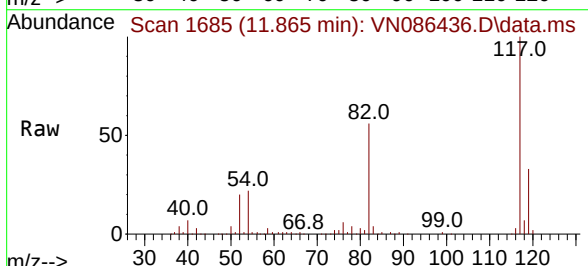
Tgt Ion: 95 Resp: 146369
Ion Ratio Lower Upper
95 100
174 73.8 0.0 133.4
176 68.9 0.0 129.2

Manual Integrations
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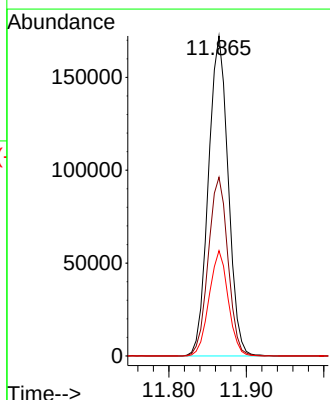
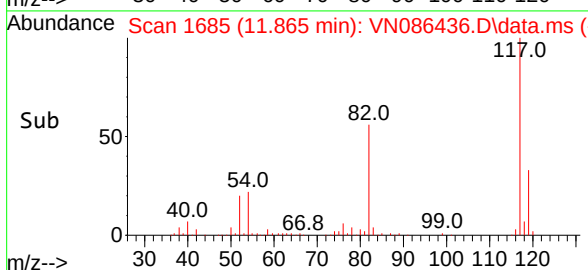
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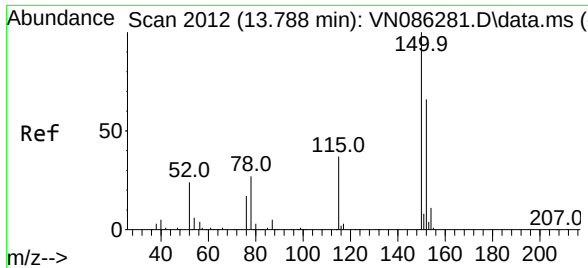


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086436.D
Acq: 30 Apr 2025 15:03



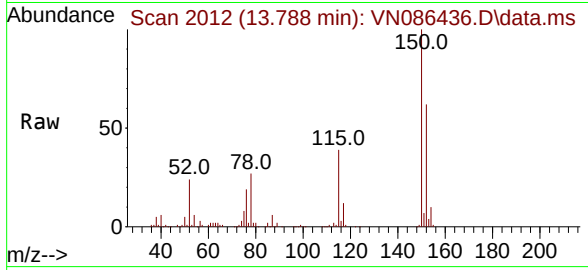
Tgt Ion:117 Resp: 304957
Ion Ratio Lower Upper
117 100
82 55.9 44.7 67.1
119 32.9 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086436.D
 Acq: 30 Apr 2025 15:03

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167775ZHE#06



Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.5	31.9	95.9
150	159.2	0.0	352.0

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