

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043025\
 Data File : VN086441.D
 Acq On : 30 Apr 2025 17:05
 Operator : JC\MD
 Sample : PB167775ZHE#11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167775ZHE#11

Manual Integrations
 APPROVED

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

Quant Time: May 01 01:36:01 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	165036	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	309904	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	295601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	122158	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	117534	49.112	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.220%			
35) Dibromofluoromethane	8.165	113	73265	50.938	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.880%			
50) Toluene-d8	10.565	98	397403	51.698	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.400%			
62) 4-Bromofluorobenzene	12.847	95	141619	50.510	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.020%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.518	59	7969	18.250	ug/l #	91
16) Acetone	4.430	43	37738	40.835	ug/l	96
20) Methylene Chloride	5.277	84	8290	3.747	ug/l	100
25) 2-Butanone	7.482	43	37176	24.957	ug/l	99
43) Isopropyl Acetate	8.682	43	39102m	5.436	ug/l	

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

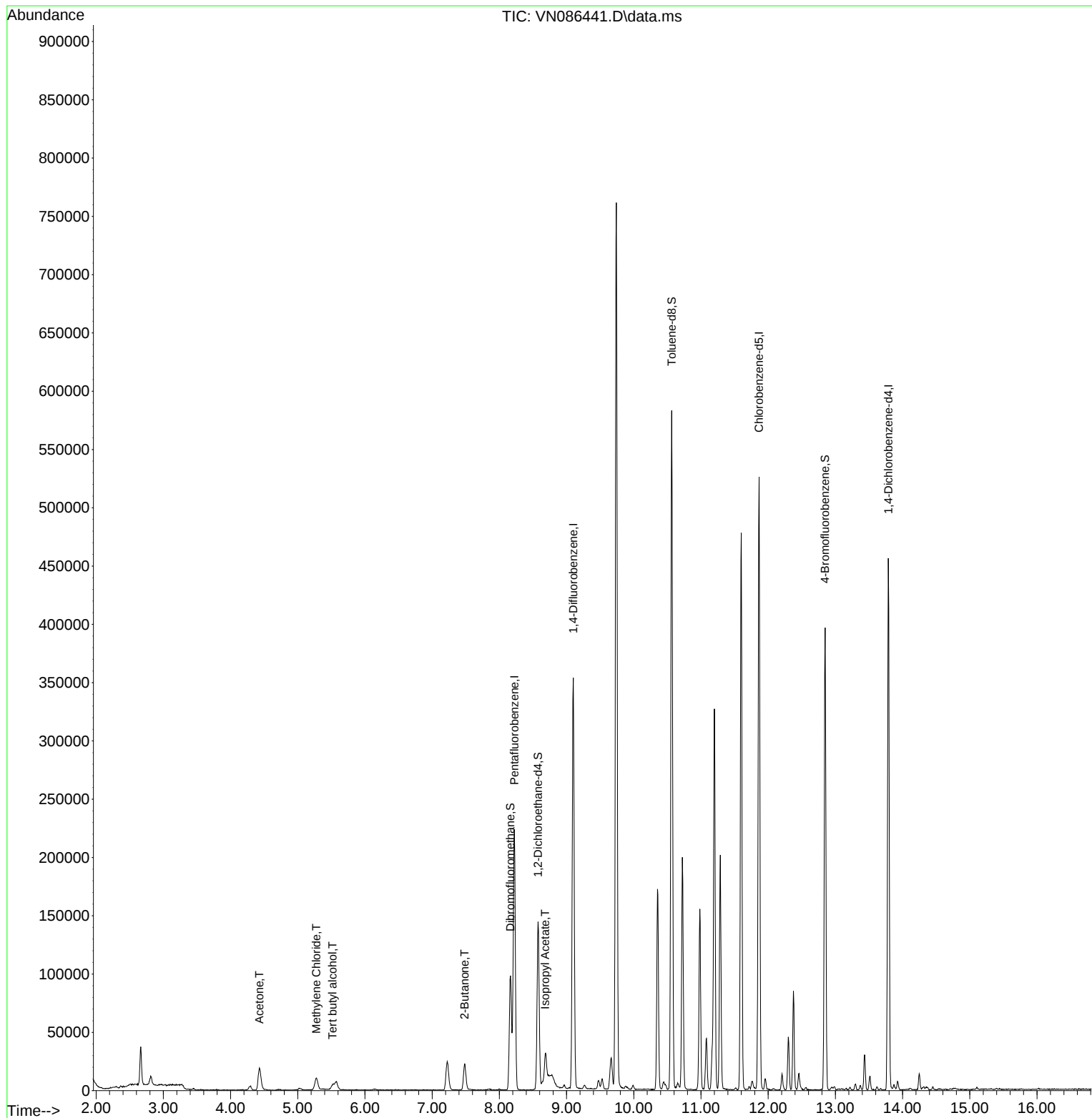
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043025\
Data File : VN086441.D
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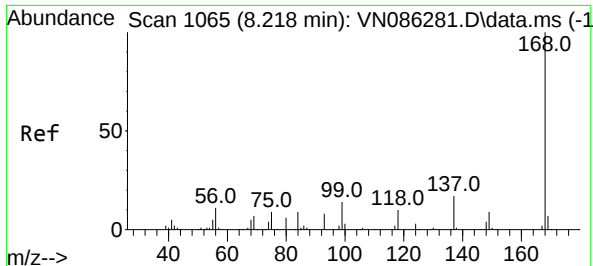
Instrument :
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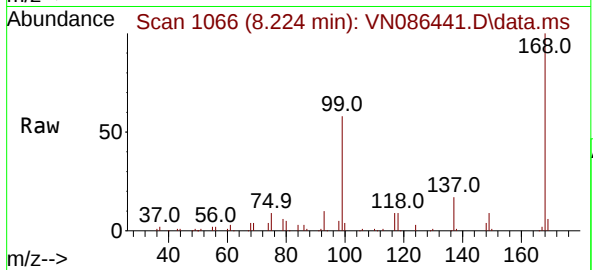
Quant Time: May 01 01:36:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086441.D
Acq: 30 Apr 2025 17:05

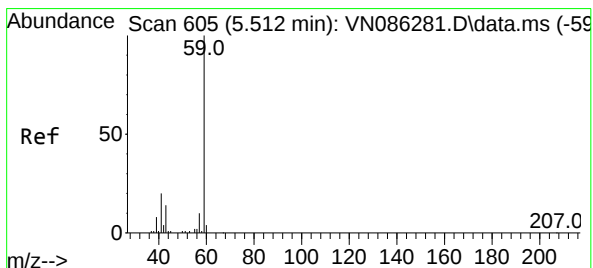
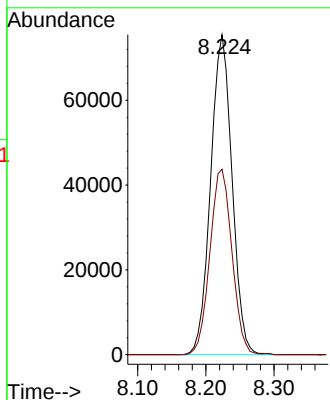
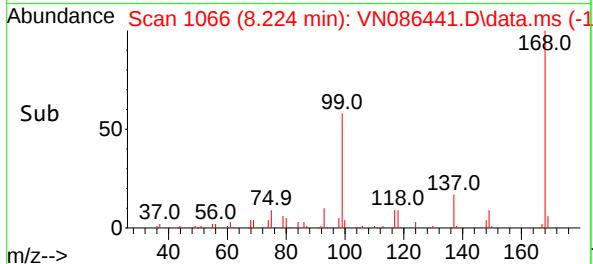
Instrument :
MSVOA_N
ClientSampleId :
PB167775ZHE#11



Tgt Ion:168 Resp: 165030
Ion Ratio Lower Upper
168 100
99 57.9 52.5 78.7

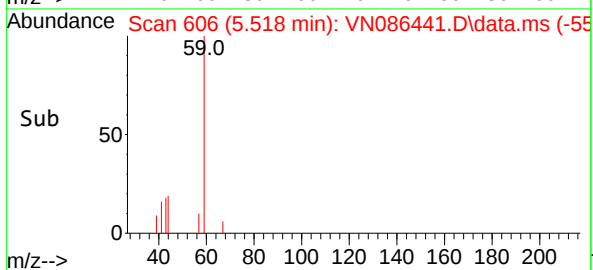
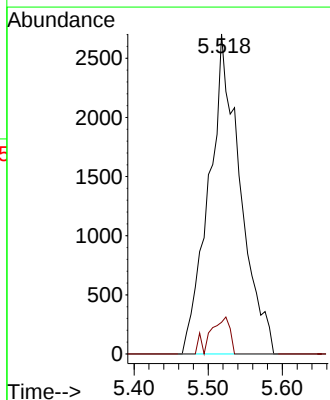
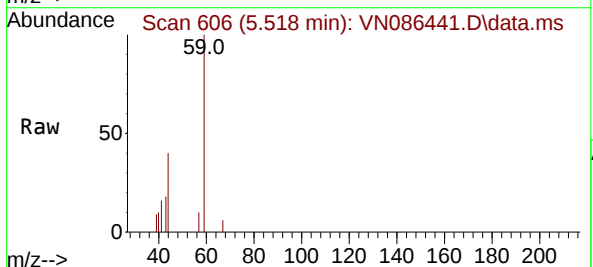
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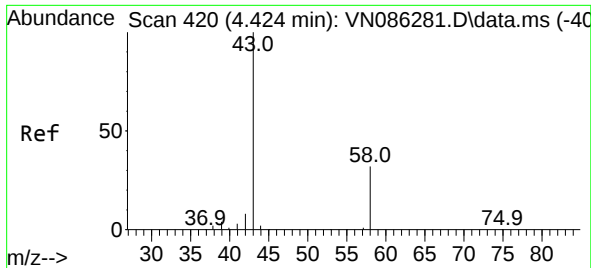
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#11
Tert butyl alcohol
Concen: 18.250 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN086441.D
Acq: 30 Apr 2025 17:05

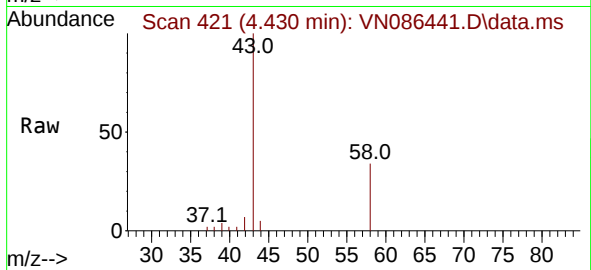
Tgt Ion: 59 Resp: 7969
Ion Ratio Lower Upper
59 100
57 7.2 8.3 12.5#





#16
Acetone
Concen: 40.835 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN086441.D
Acq: 30 Apr 2025 17:05

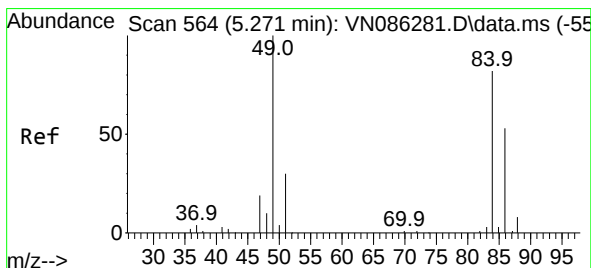
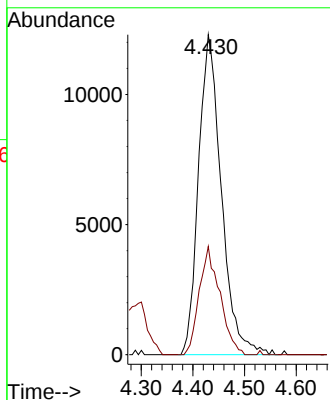
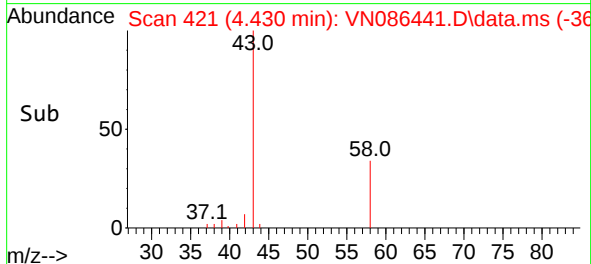
Instrument :
MSVOA_N
ClientSampleId :
PB167775ZHE#11



Tgt Ion: 43 Resp: 37738
Ion Ratio Lower Upper
43 100
58 33.8 25.3 37.9

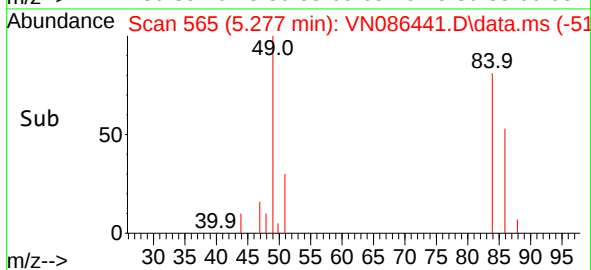
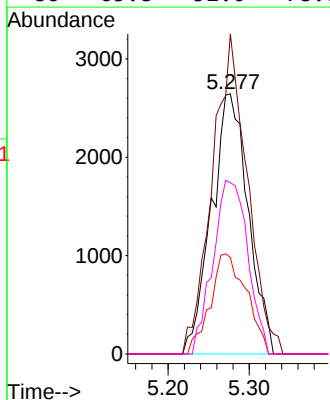
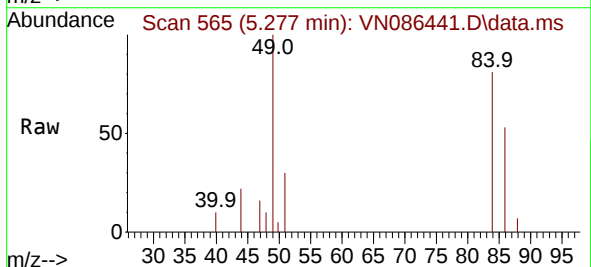
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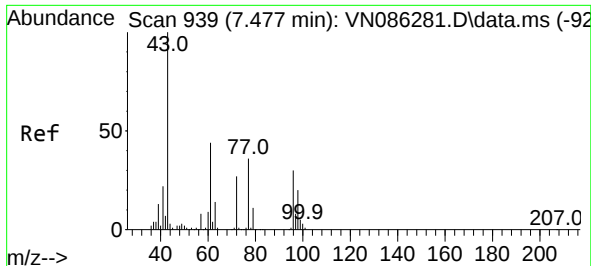
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#20
Methylene Chloride
Concen: 3.747 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086441.D
Acq: 30 Apr 2025 17:05

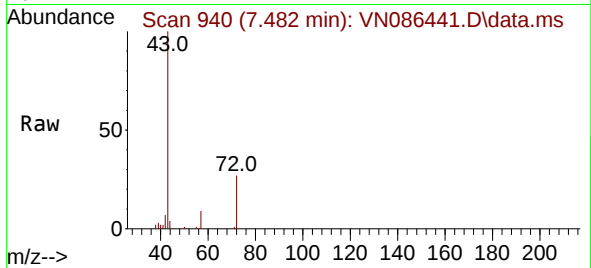
Tgt Ion: 84 Resp: 8290
Ion Ratio Lower Upper
84 100
49 123.0 98.2 147.2
51 37.1 29.8 44.6
86 65.8 52.0 78.0





#25
2-Butanone
Concen: 24.957 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN086441.D
Acq: 30 Apr 2025 17:05

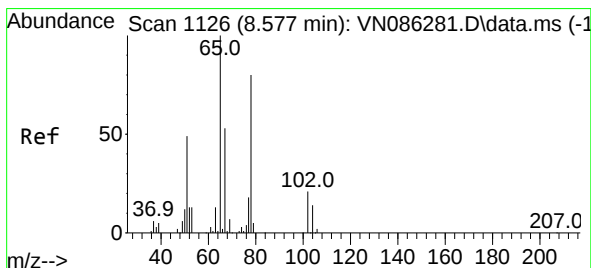
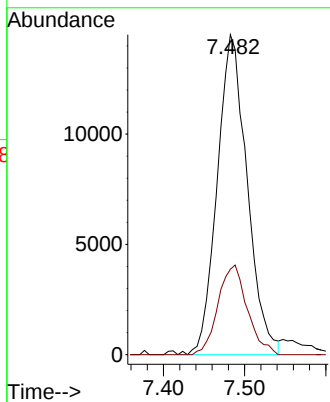
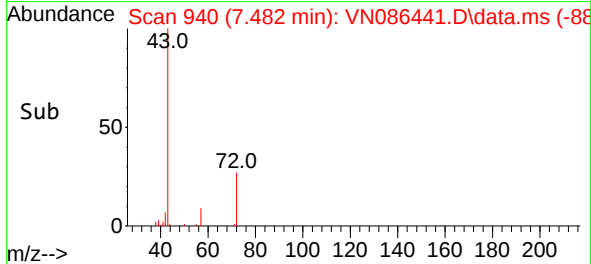
Instrument :
MSVOA_N
ClientSampleId :
PB167775ZHE#11



Tgt Ion: 43 Resp: 37170
Ion Ratio Lower Upper
43 100
72 26.7 21.7 32.5

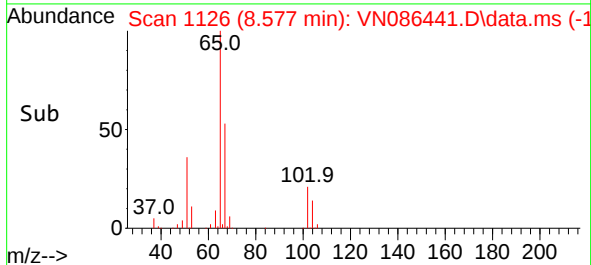
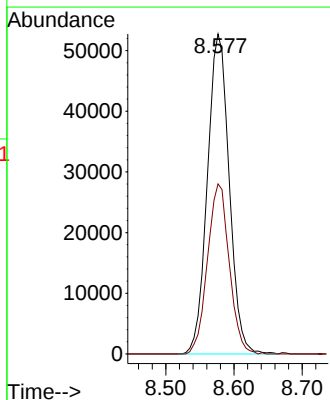
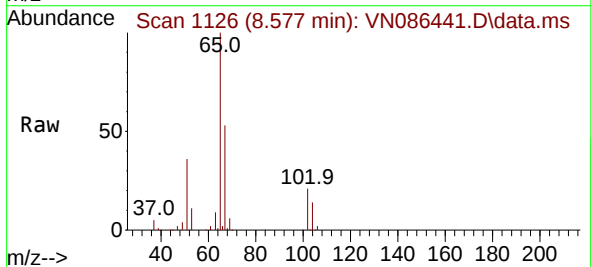
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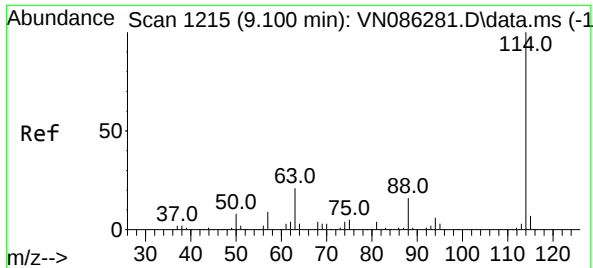
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#33
1,2-Dichloroethane-d4
Concen: 49.112 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086441.D
Acq: 30 Apr 2025 17:05

Tgt Ion: 65 Resp: 117534
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: VN086441.D

Acq: 30 Apr 2025 17:05

Instrument :

MSVOA_N

ClientSampleId :

PB167775ZHE#11

Tgt Ion:114 Resp: 309904

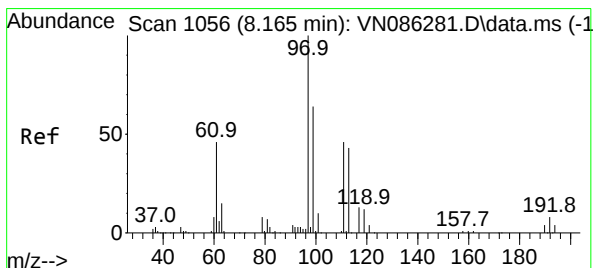
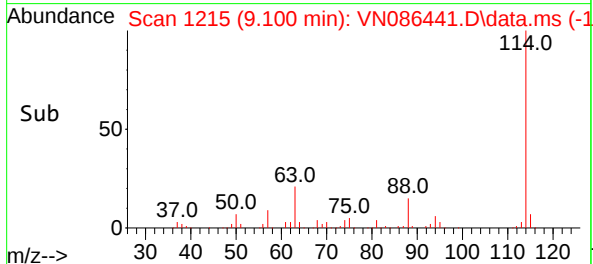
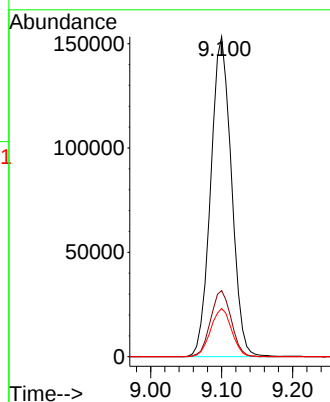
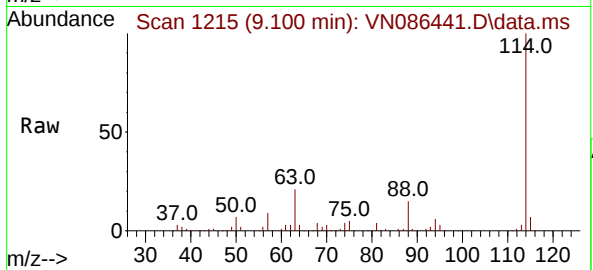
Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	42.6
88	15.1	0.0	31.8

Manual Integrations

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Supervised By :Semsettin Yesilyurt 05/05/2025



#35

Dibromofluoromethane

Concen: 50.938 ug/l

RT: 8.165 min Scan# 1056

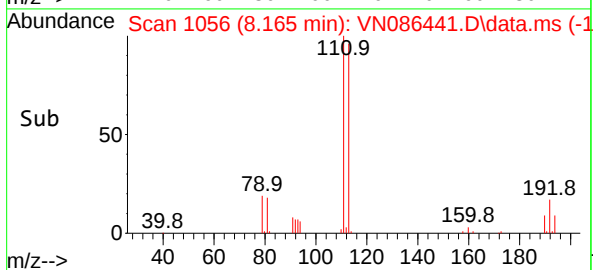
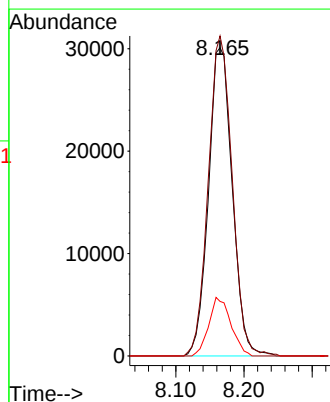
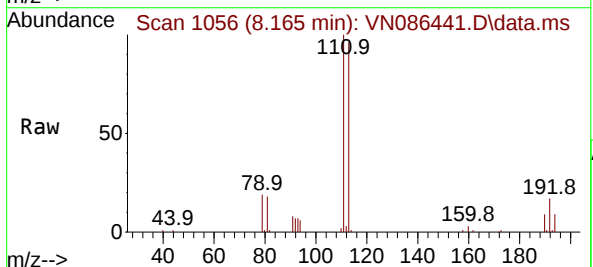
Delta R.T. -0.000 min

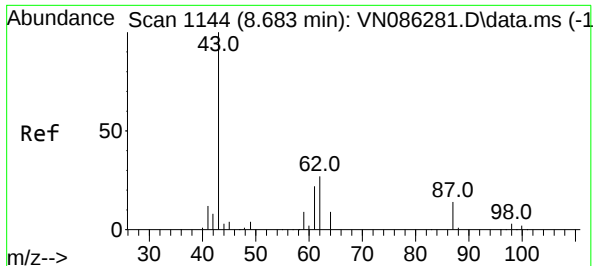
Lab File: VN086441.D

Acq: 30 Apr 2025 17:05

Tgt Ion:113 Resp: 73265

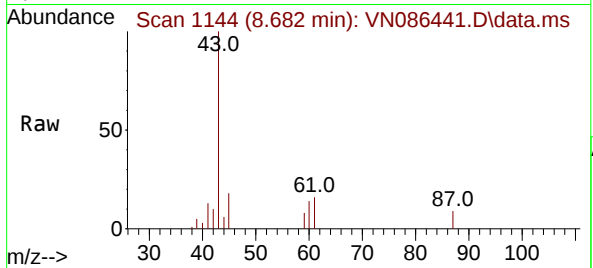
Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.4	125.0
192	17.6	13.7	20.5





#43
Isopropyl Acetate
Concen: 5.436 ug/l m
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN086441.D
Acq: 30 Apr 2025 17:05

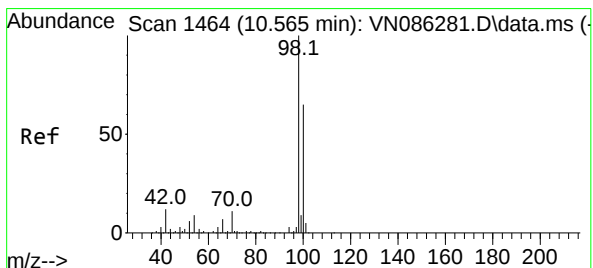
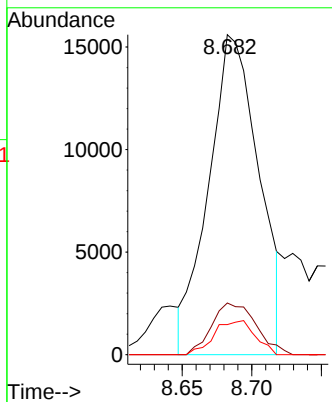
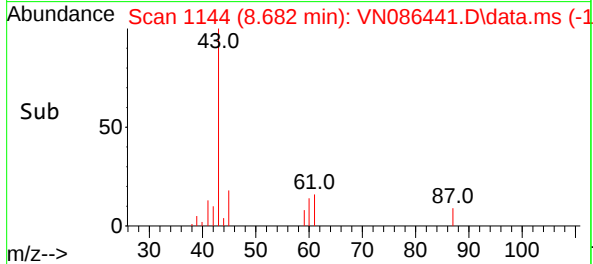
Instrument : MSVOA_N
ClientSampleId : PB167775ZHE#11



Tgt Ion: 43 Resp: 3910
Ion Ratio Lower Upper
43 100
61 14.3 20.5 30.7
87 8.7 10.5 15.7

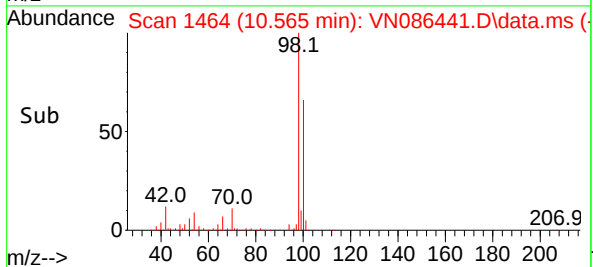
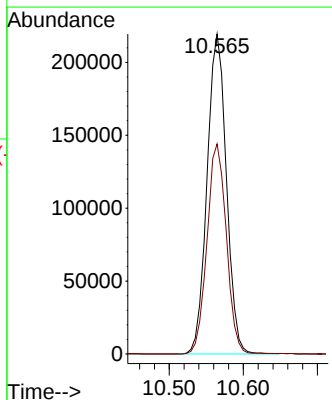
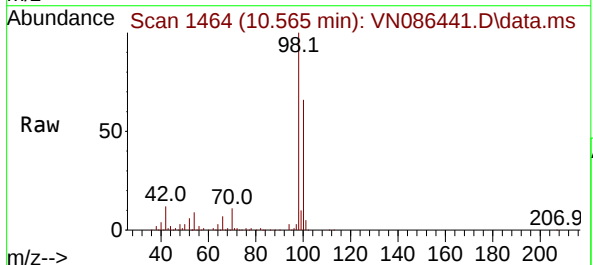
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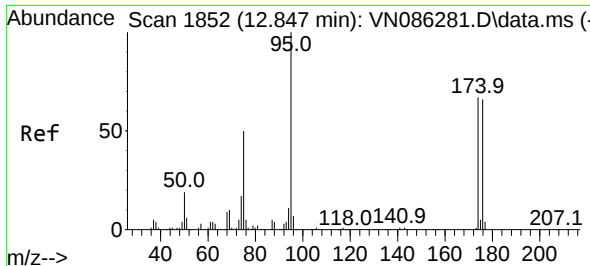
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#50
Toluene-d8
Concen: 51.698 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086441.D
Acq: 30 Apr 2025 17:05

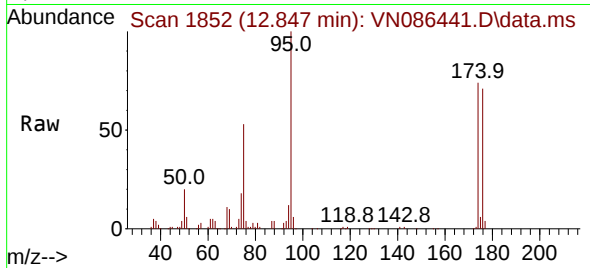
Tgt Ion: 98 Resp: 397403
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7





#62
4-Bromofluorobenzene
Concen: 50.510 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086441.D
Acq: 30 Apr 2025 17:05

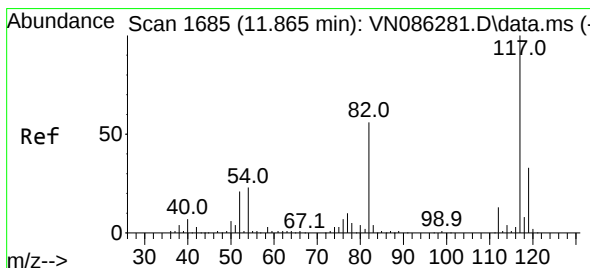
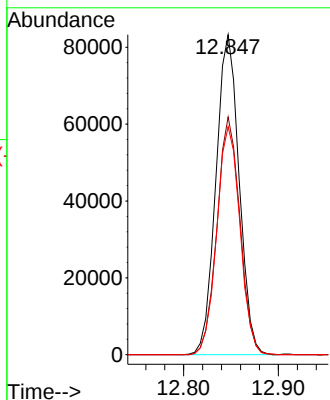
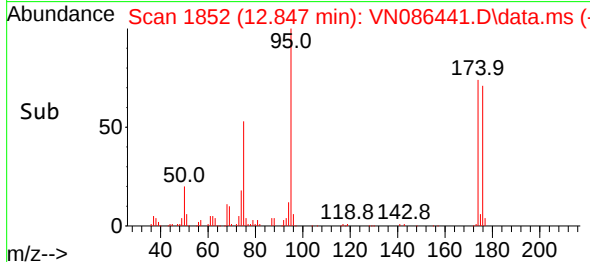
Instrument :
MSVOA_N
ClientSampleId :
PB167775ZHE#11



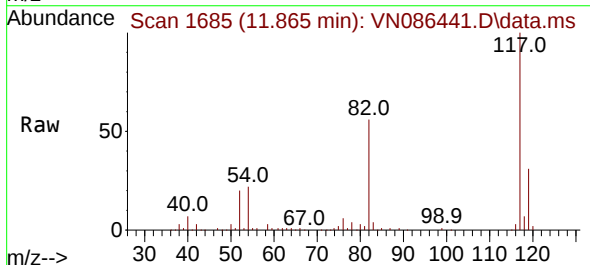
Tgt Ion: 95 Resp: 141619
Ion Ratio Lower Upper
95 100
174 73.5 0.0 133.4
176 71.3 0.0 129.2

Manual Integrations
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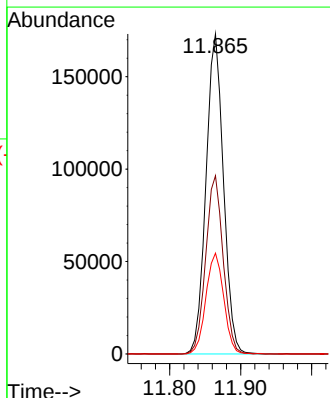
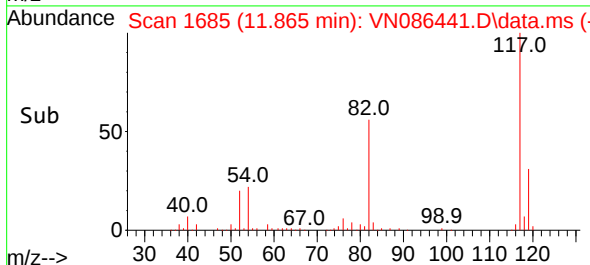
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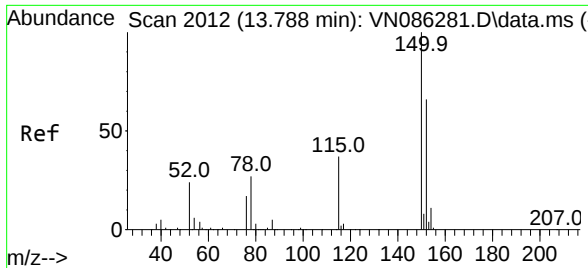


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086441.D
Acq: 30 Apr 2025 17:05



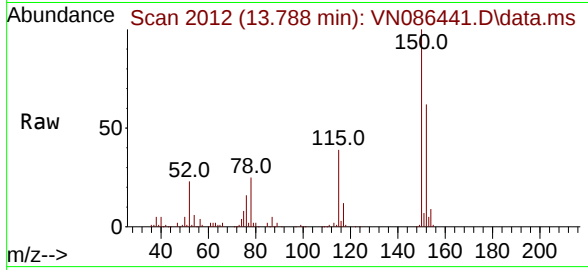
Tgt Ion:117 Resp: 295601
Ion Ratio Lower Upper
117 100
82 55.7 44.7 67.1
119 31.5 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086441.D
 Acq: 30 Apr 2025 17:05

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167775ZHE#11



Tgt Ion:	152	Resp:	122158
Ion Ratio	Lower	Upper	
152	100		
115	61.3	31.9	95.9
150	156.9	0.0	352.0

Manual Integrations
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