

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043025\
 Data File : VN086442.D
 Acq On : 30 Apr 2025 17:29
 Operator : JC\MD
 Sample : PB167775ZHE#12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167775ZHE#12

Manual Integrations
 APPROVED

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

Quant Time: May 01 01:36:13 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	141777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	273006	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	264203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	112841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	103838	50.508	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.020%			
35) Dibromofluoromethane	8.165	113	66458	52.451	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.900%			
50) Toluene-d8	10.565	98	352200	52.010	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.020%			
62) 4-Bromofluorobenzene	12.847	95	126231	51.107	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.220%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.518	59	7811	20.823	ug/l #	93
16) Acetone	4.430	43	36245	46.342	ug/l	98
20) Methylene Chloride	5.271	84	8071	4.247	ug/l	93
25) 2-Butanone	7.483	43	36922	28.852	ug/l	97
43) Isopropyl Acetate	8.688	43	39496m	6.512	ug/l	

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

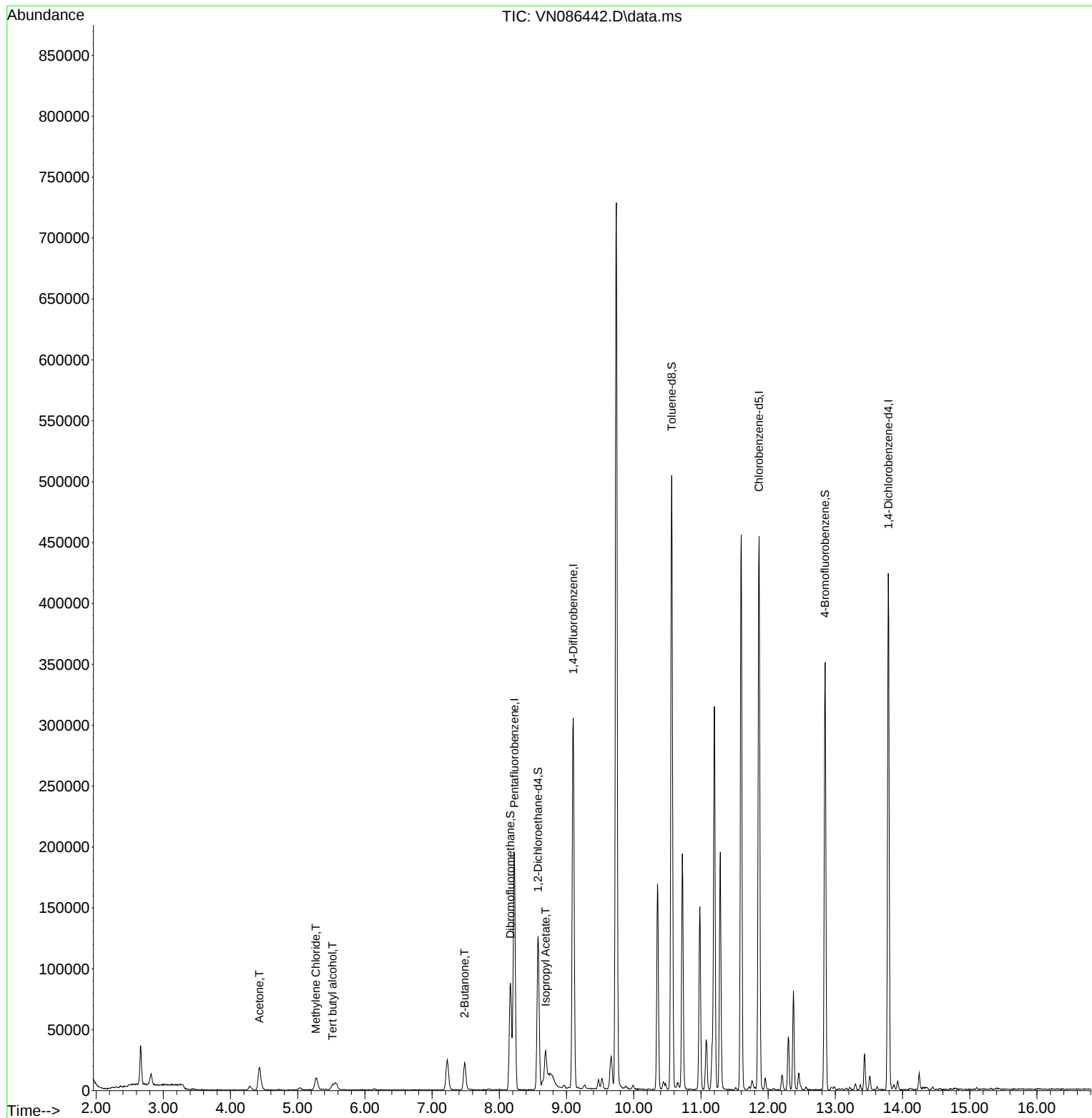
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043025\
Data File : VN086442.D
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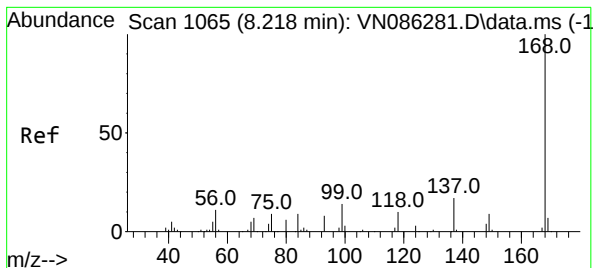
Instrument :
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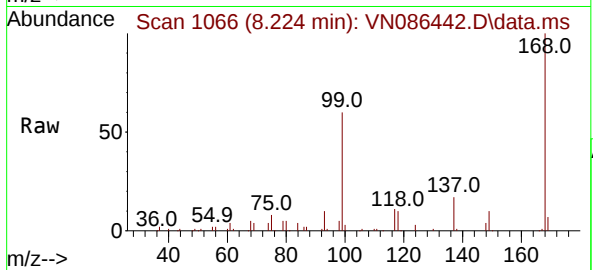
Quant Time: May 01 01:36:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086442.D
Acq: 30 Apr 2025 17:29

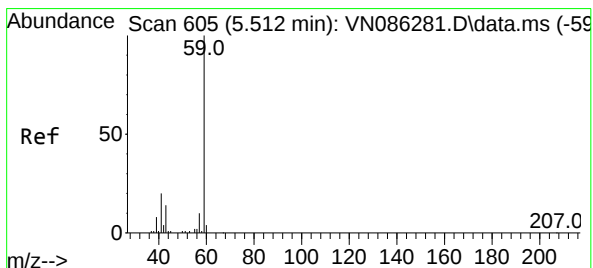
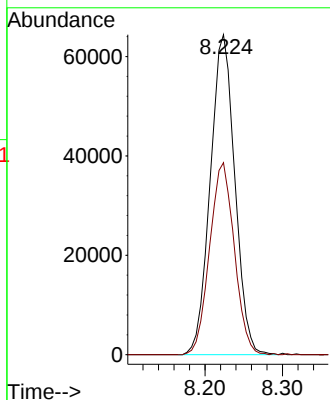
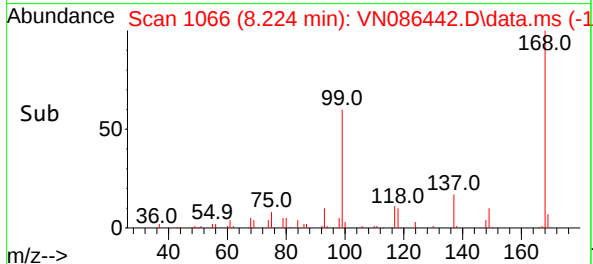
Instrument :
MSVOA_N
ClientSampleId :
PB167775ZHE#12



Tgt Ion:168 Resp: 14177
Ion Ratio Lower Upper
168 100
99 60.0 52.5 78.7

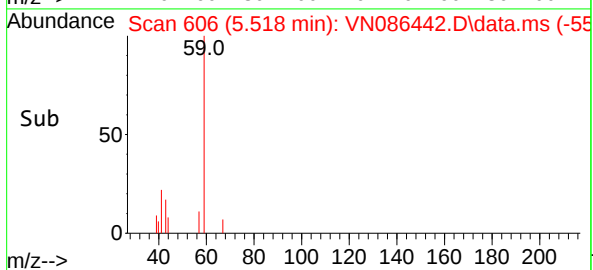
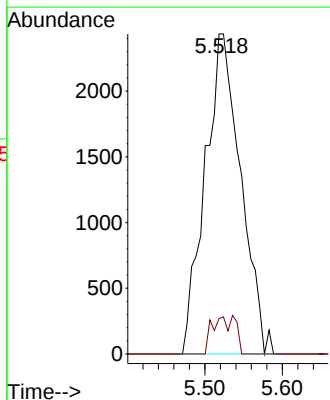
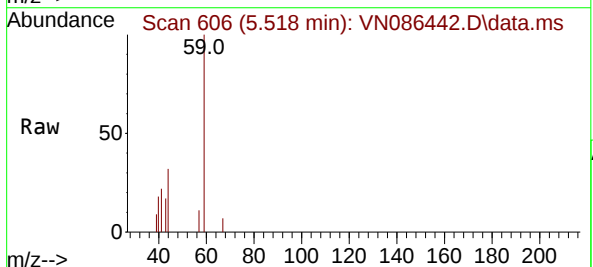
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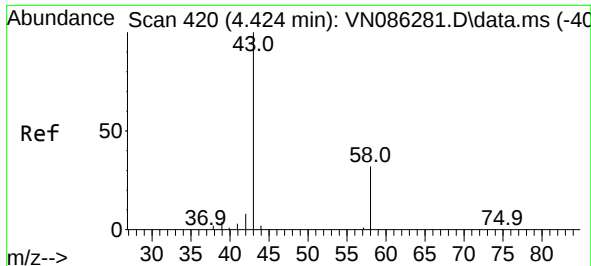
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#11
Tert butyl alcohol
Concen: 20.823 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN086442.D
Acq: 30 Apr 2025 17:29

Tgt Ion: 59 Resp: 7811
Ion Ratio Lower Upper
59 100
57 7.7 8.3 12.5#





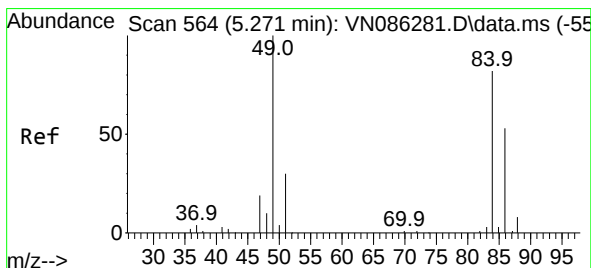
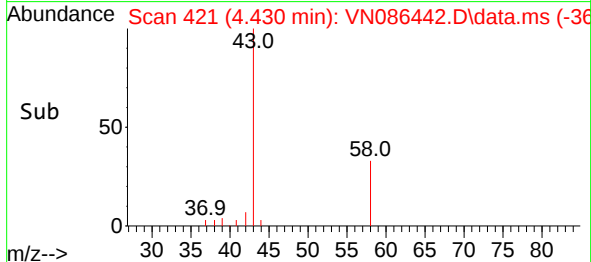
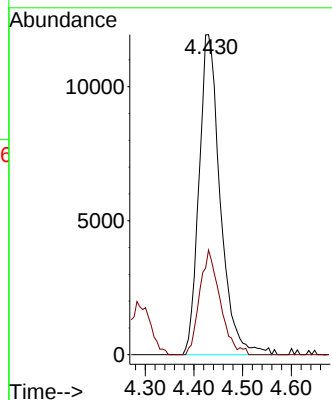
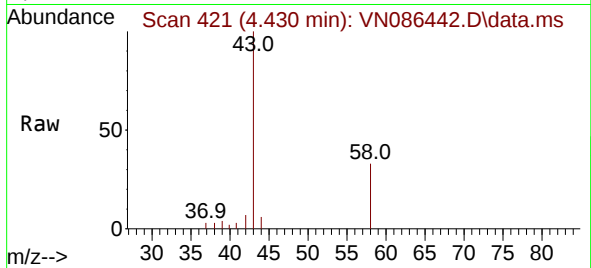
#16
Acetone
Concen: 46.342 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN086442.D
Acq: 30 Apr 2025 17:29

Instrument :
MSVOA_N
ClientSampleId :
PB167775ZHE#12

Tgt Ion: 43 Resp: 3624
Ion Ratio Lower Upper
43 100
58 32.7 25.3 37.9

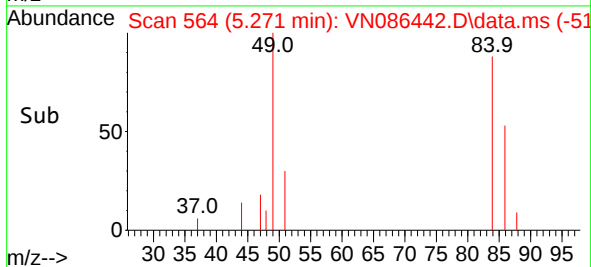
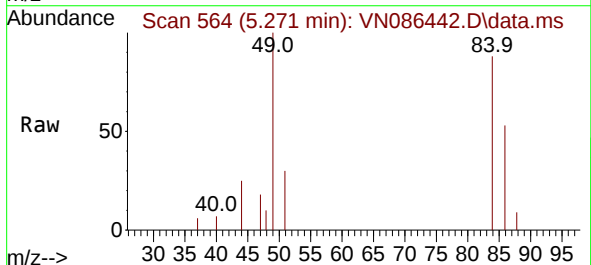
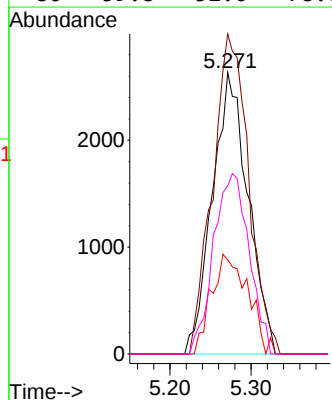
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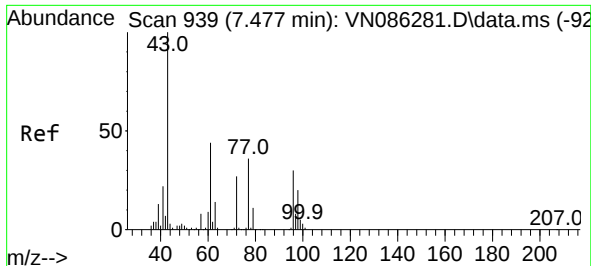
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#20
Methylene Chloride
Concen: 4.247 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN086442.D
Acq: 30 Apr 2025 17:29

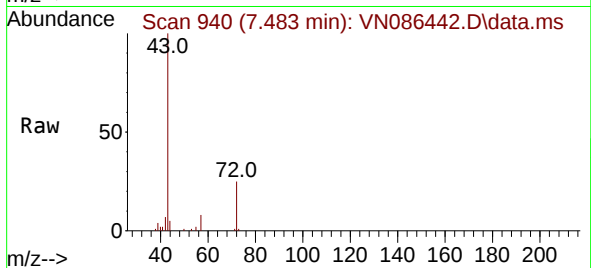
Tgt Ion: 84 Resp: 8071
Ion Ratio Lower Upper
84 100
49 113.7 98.2 147.2
51 33.6 29.8 44.6
86 59.8 52.0 78.0





#25
2-Butanone
Concen: 28.852 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN086442.D
Acq: 30 Apr 2025 17:29

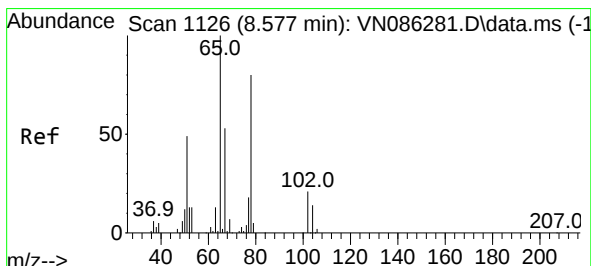
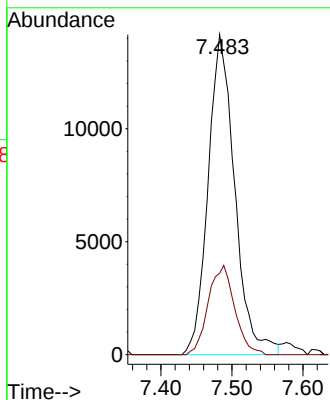
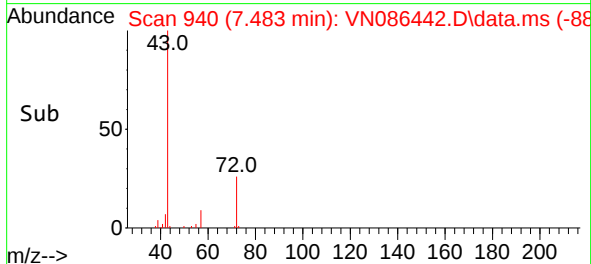
Instrument :
MSVOA_N
ClientSampleId :
PB167775ZHE#12



Tgt Ion: 43 Resp: 3692
Ion Ratio Lower Upper
43 100
72 25.4 21.7 32.5

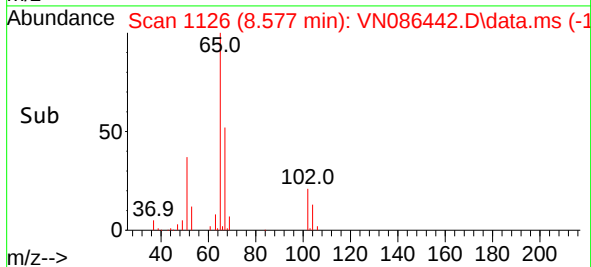
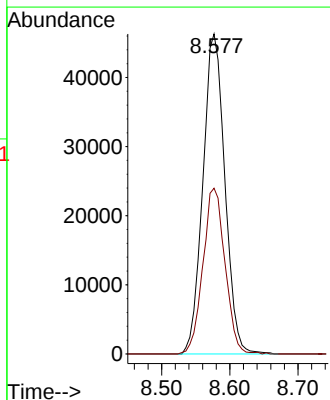
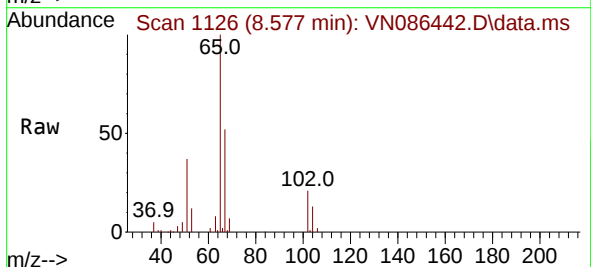
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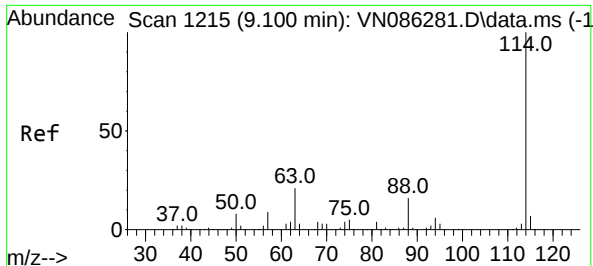
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#33
1,2-Dichloroethane-d4
Concen: 50.508 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086442.D
Acq: 30 Apr 2025 17:29

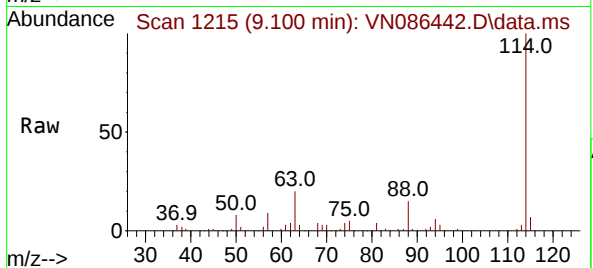
Tgt Ion: 65 Resp: 103838
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN086442.D
Acq: 30 Apr 2025 17:29

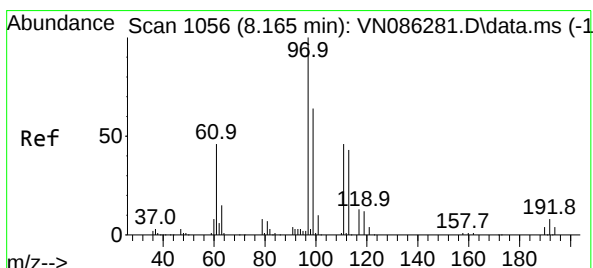
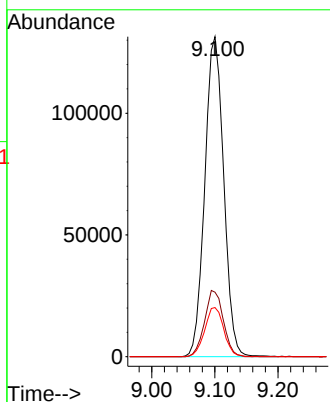
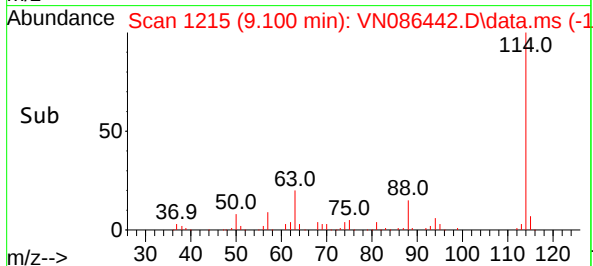
Instrument :
MSVOA_N
ClientSampleId :
PB167775ZHE#12



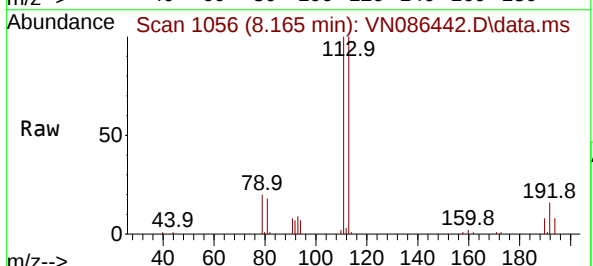
Tgt Ion:114 Resp: 273000
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.6
88 15.3 0.0 31.8

Manual Integrations
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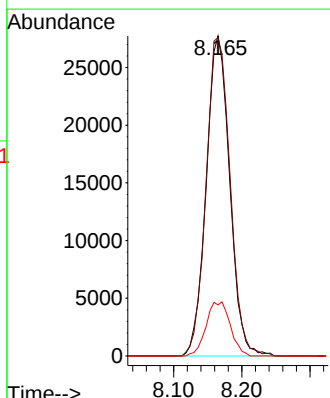
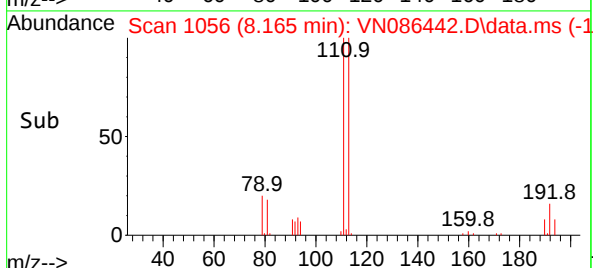
Reviewed By :John Carlone 05/02/2025
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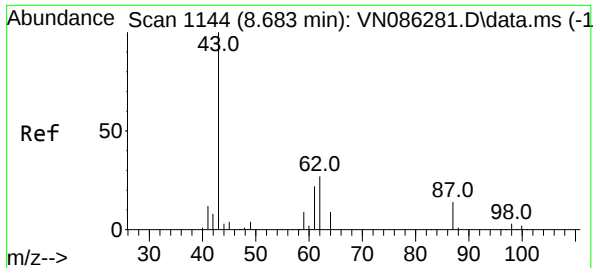


#35
Dibromofluoromethane
Concen: 52.451 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086442.D
Acq: 30 Apr 2025 17:29



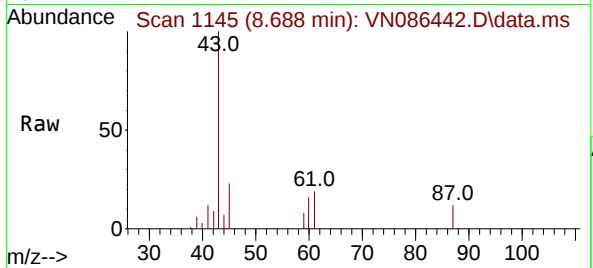
Tgt Ion:113 Resp: 66458
Ion Ratio Lower Upper
113 100
111 102.1 83.4 125.0
192 17.4 13.7 20.5





#43
Isopropyl Acetate
Concen: 6.512 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN086442.D
Acq: 30 Apr 2025 17:29

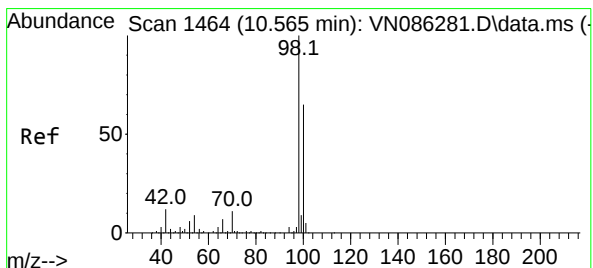
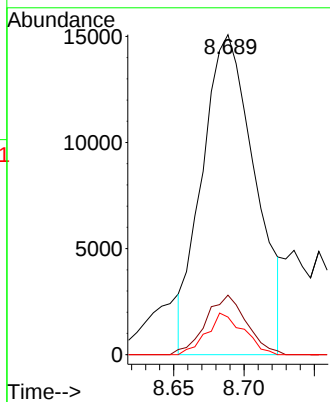
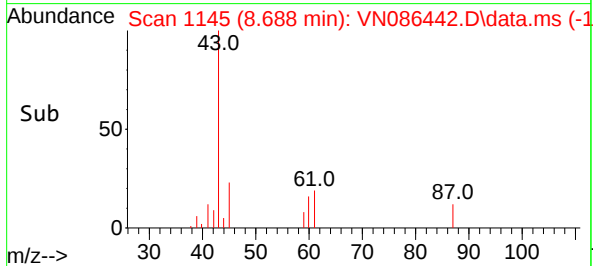
Instrument :
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ClientSampleId :
PB167775ZHE#12



Tgt Ion: 43 Resp: 39490
Ion Ratio Lower Upper
43 100
61 14.4 20.5 30.7
87 9.1 10.5 15.7

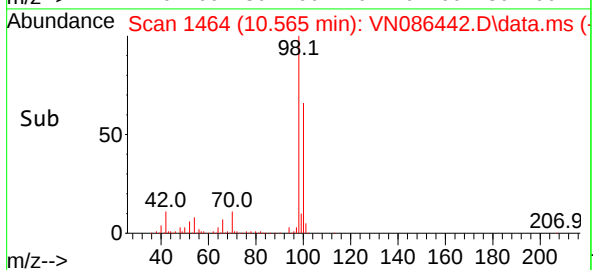
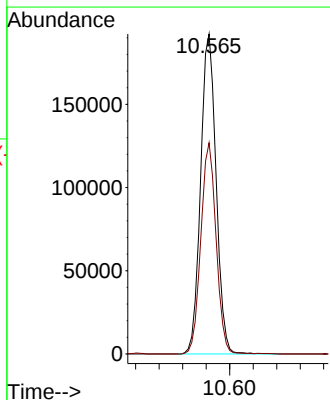
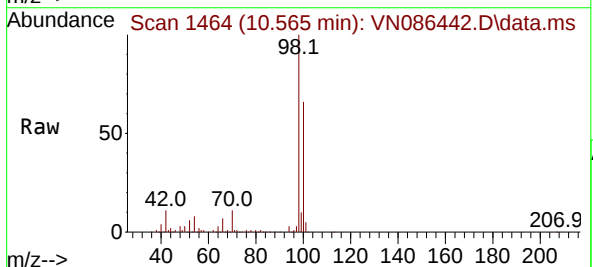
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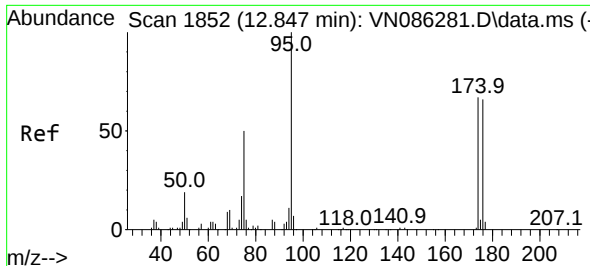
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#50
Toluene-d8
Concen: 52.010 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086442.D
Acq: 30 Apr 2025 17:29

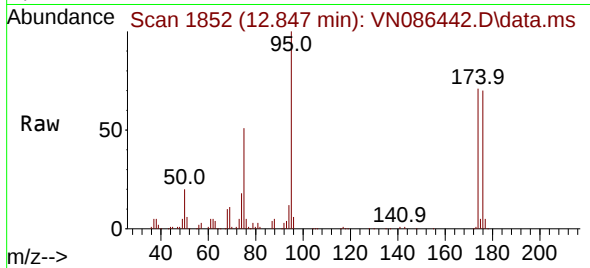
Tgt Ion: 98 Resp: 352200
Ion Ratio Lower Upper
98 100
100 65.0 52.5 78.7





#62
4-Bromofluorobenzene
Concen: 51.107 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086442.D
Acq: 30 Apr 2025 17:29

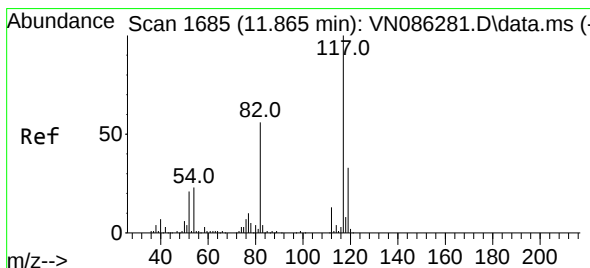
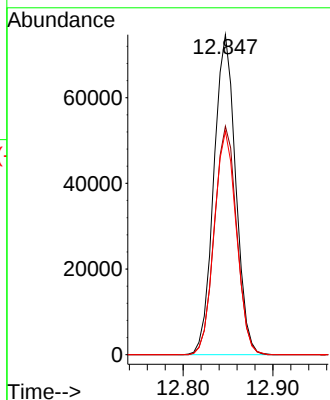
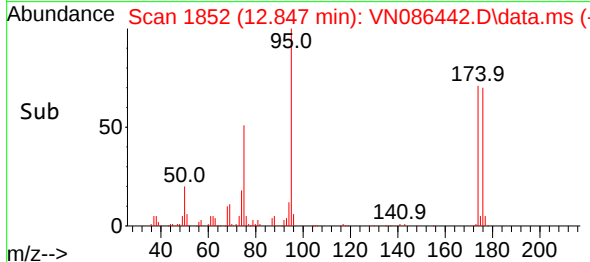
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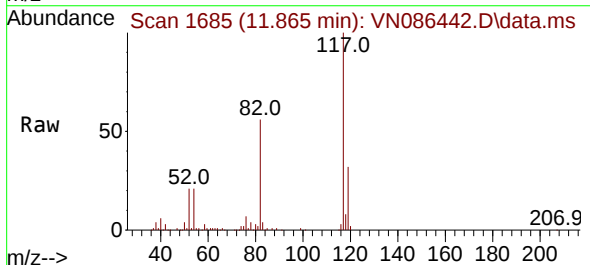
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Ion Ratio Lower Upper
95 100
174 72.7 0.0 133.4
176 71.2 0.0 129.2

Manual Integrations
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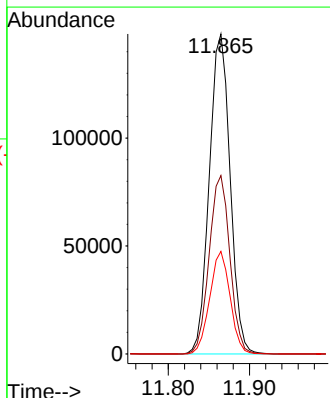
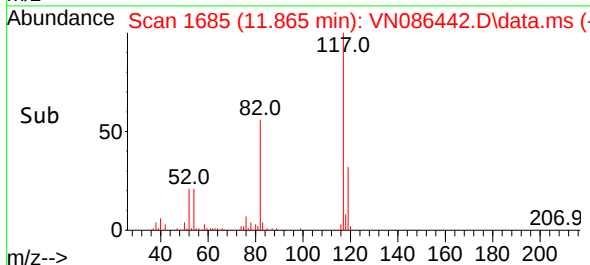
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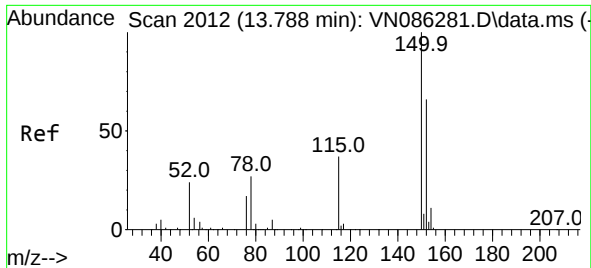


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086442.D
Acq: 30 Apr 2025 17:29



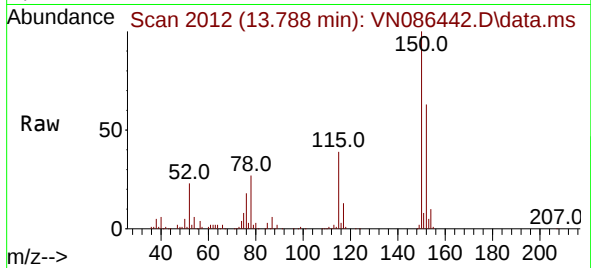
Tgt Ion:117 Resp: 264203
Ion Ratio Lower Upper
117 100
82 55.8 44.7 67.1
119 32.1 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN086442.D
 Acq: 30 Apr 2025 17:29

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167775ZHE#12



Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.3	31.9	95.9
150	159.5	0.0	352.0

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