

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043025\
 Data File : VN086443.D
 Acq On : 30 Apr 2025 17:53
 Operator : JC\MD
 Sample : PB167775ZHE#13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167775ZHE#13

Manual Integrations
 APPROVED

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

Quant Time: May 01 01:36:25 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	170371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	327510	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	323107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	138024	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	119917	48.539	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.080%		
35) Dibromofluoromethane	8.165	113	76436	50.286	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.580%		
50) Toluene-d8	10.565	98	423742	52.161	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.320%		
62) 4-Bromofluorobenzene	12.847	95	155024	52.319	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	104.640%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.530	59	7975	17.692	ug/l #	93
16) Acetone	4.430	43	37694	39.320	ug/l	98
20) Methylene Chloride	5.271	84	9182	4.020	ug/l	92
25) 2-Butanone	7.483	43	37386	24.312	ug/l	97
43) Isopropyl Acetate	8.683	43	40464m	5.284	ug/l	

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

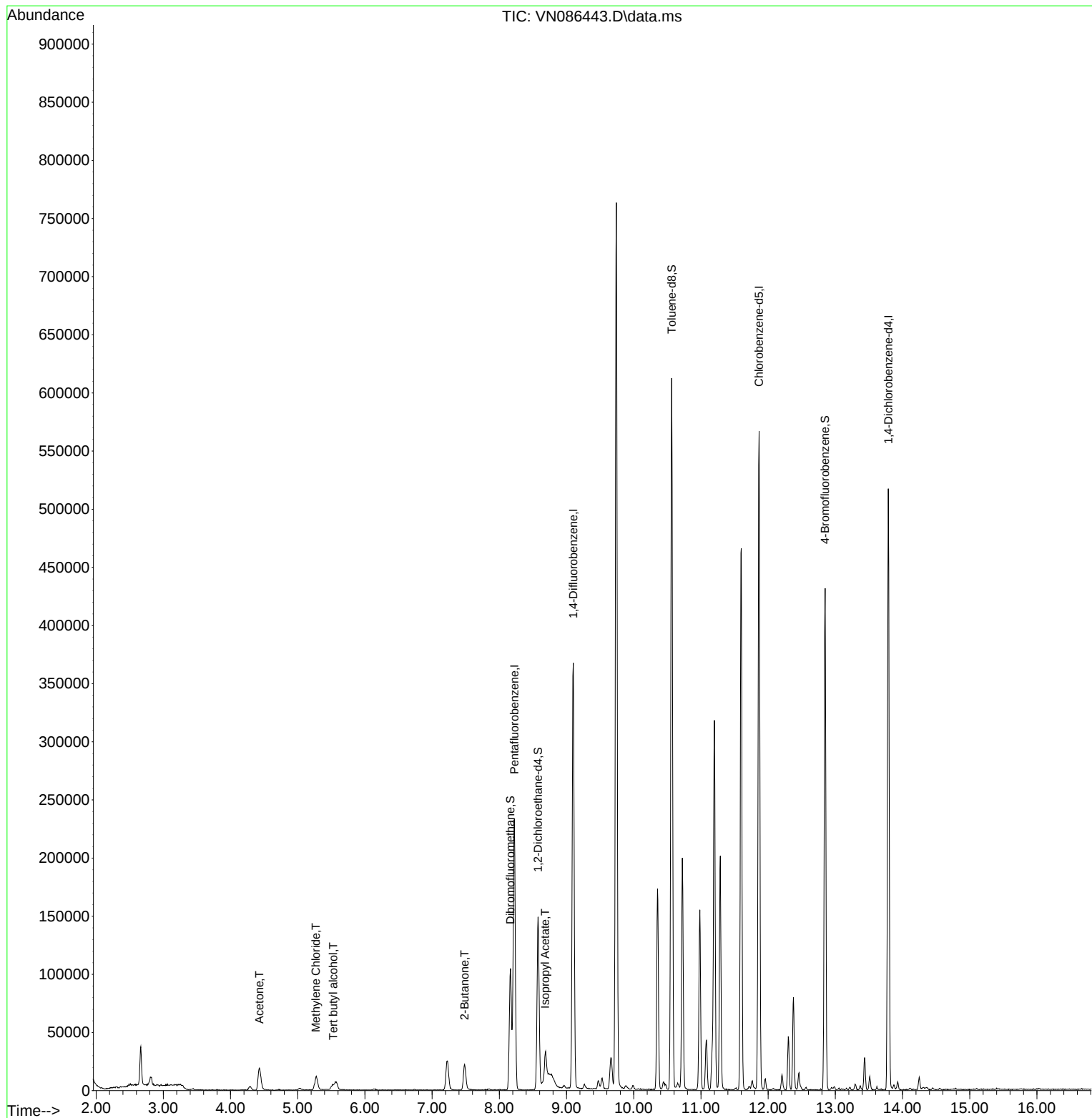
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043025\
Data File : VN086443.D
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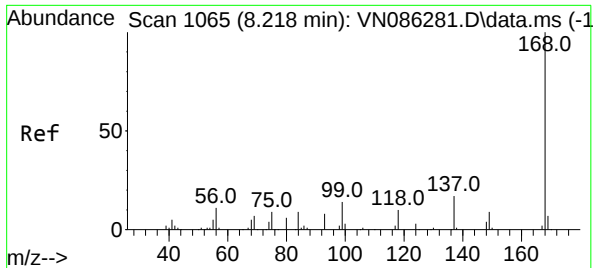
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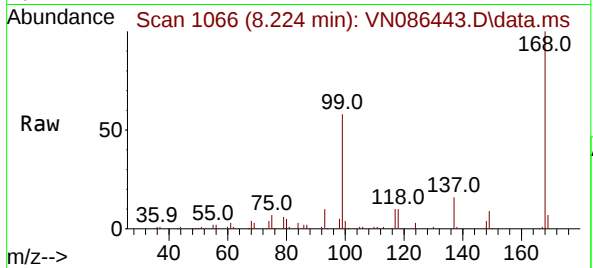
Quant Time: May 01 01:36:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086443.D
Acq: 30 Apr 2025 17:53

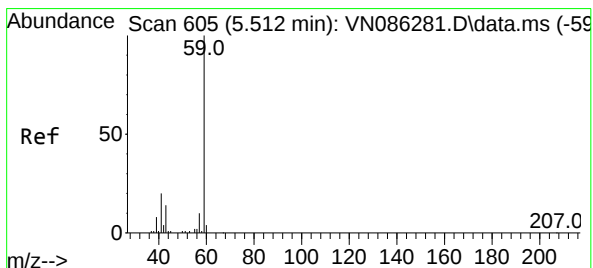
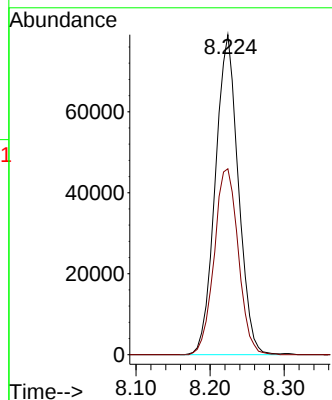
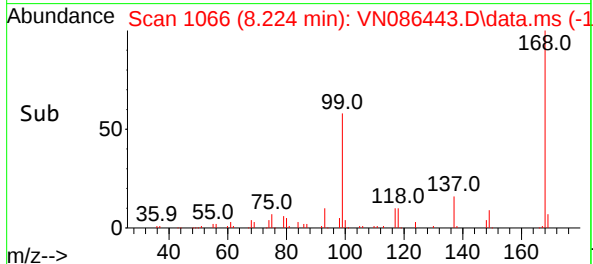
Instrument :
MSVOA_N
ClientSampleId :
PB167775ZHE#13



Tgt Ion:168 Resp: 17037
Ion Ratio Lower Upper
168 100
99 58.1 52.5 78.7

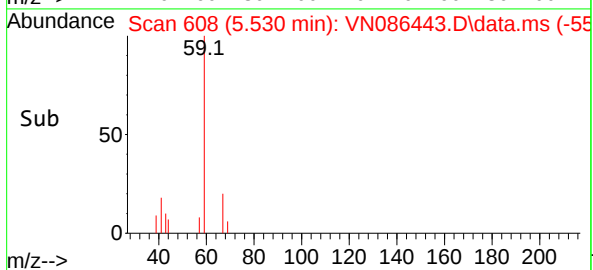
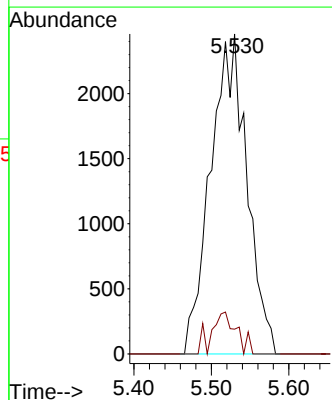
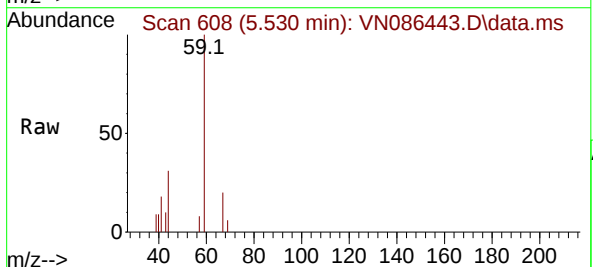
Manual Integrations
APPROVED

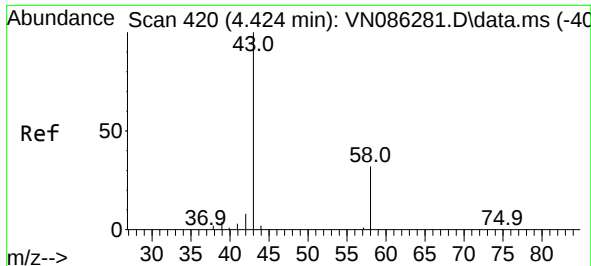
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#11
Tert butyl alcohol
Concen: 17.692 ug/l
RT: 5.530 min Scan# 608
Delta R.T. 0.018 min
Lab File: VN086443.D
Acq: 30 Apr 2025 17:53

Tgt Ion: 59 Resp: 7975
Ion Ratio Lower Upper
59 100
57 8.0 8.3 12.5#





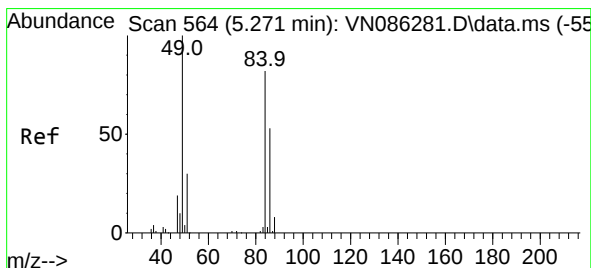
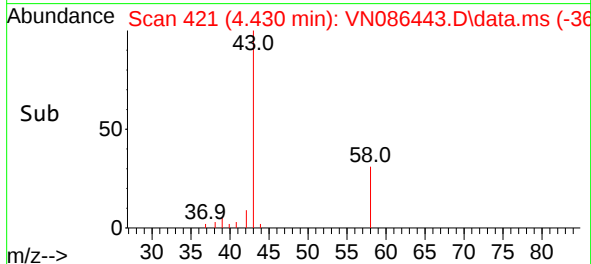
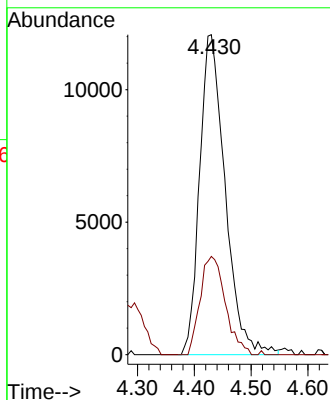
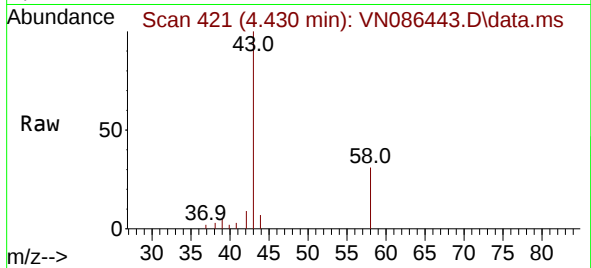
#16
Acetone
Concen: 39.320 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN086443.D
Acq: 30 Apr 2025 17:53

Instrument :
MSVOA_N
ClientSampleId :
PB167775ZHE#13

Tgt Ion: 43 Resp: 37694
Ion Ratio Lower Upper
43 100
58 30.7 25.3 37.9

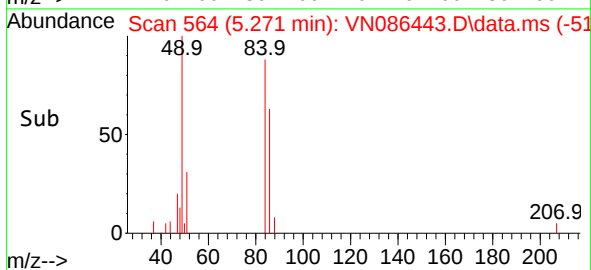
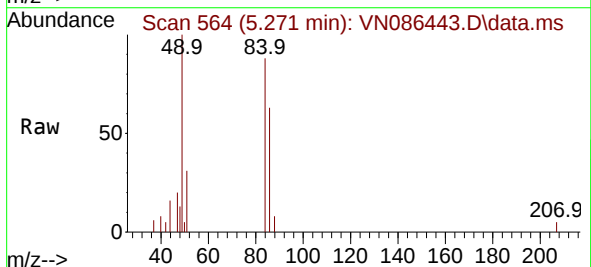
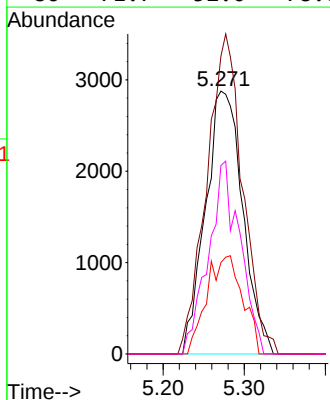
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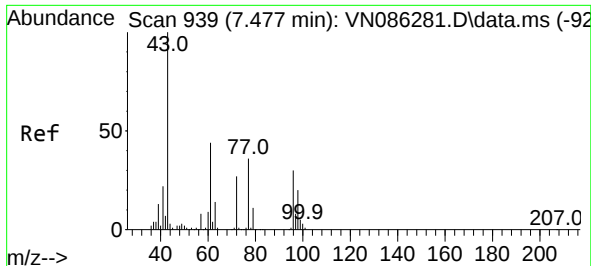
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#20
Methylene Chloride
Concen: 4.020 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN086443.D
Acq: 30 Apr 2025 17:53

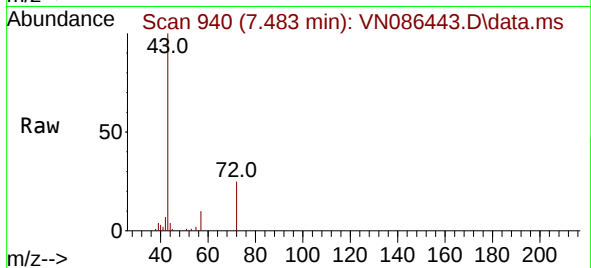
Tgt Ion: 84 Resp: 9182
Ion Ratio Lower Upper
84 100
49 113.3 98.2 147.2
51 34.8 29.8 44.6
86 71.7 52.0 78.0





#25
2-Butanone
Concen: 24.312 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN086443.D
Acq: 30 Apr 2025 17:53

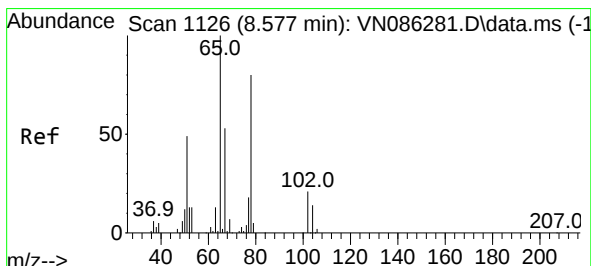
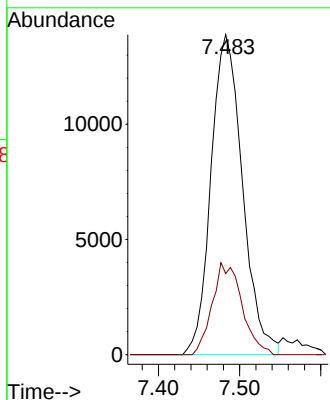
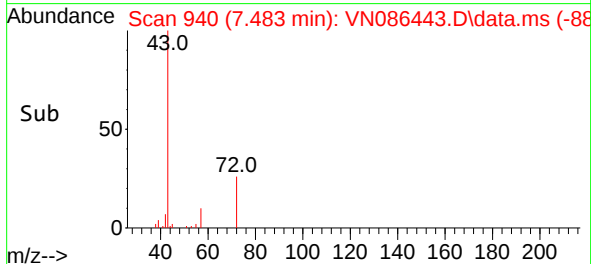
Instrument :
MSVOA_N
ClientSampleId :
PB167775ZHE#13



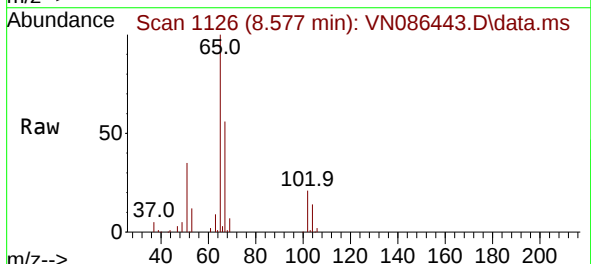
Tgt Ion: 43 Resp: 37386
Ion Ratio Lower Upper
43 100
72 25.3 21.7 32.5

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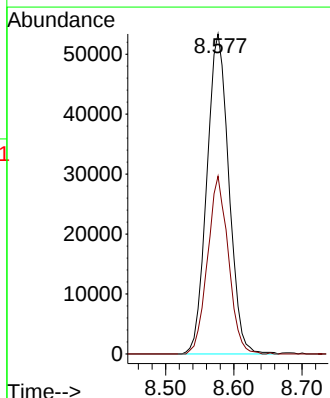
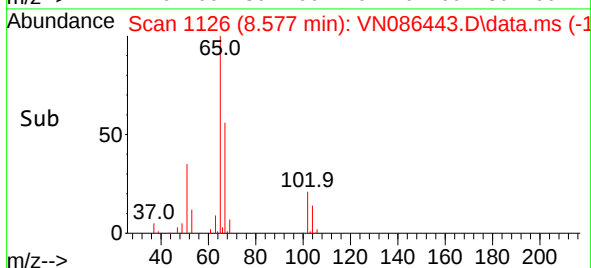
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

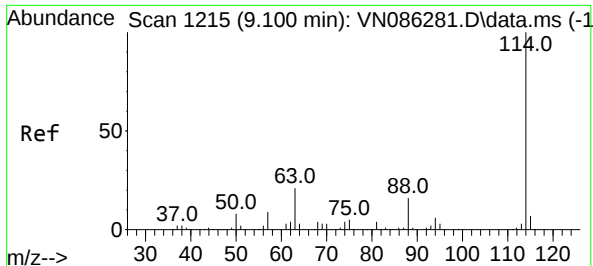


#33
1,2-Dichloroethane-d4
Concen: 48.539 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086443.D
Acq: 30 Apr 2025 17:53



Tgt Ion: 65 Resp: 119917
Ion Ratio Lower Upper
65 100
67 52.5 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: VN086443.D

Acq: 30 Apr 2025 17:53

Instrument :

MSVOA_N

ClientSampleId :

PB167775ZHE#13

Tgt Ion:114 Resp: 327510

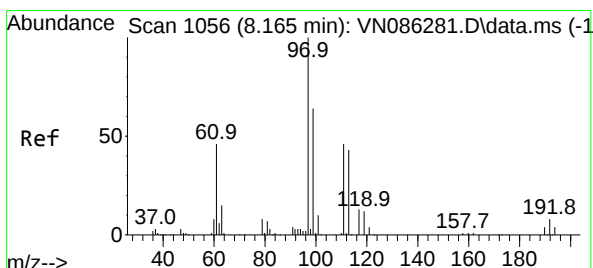
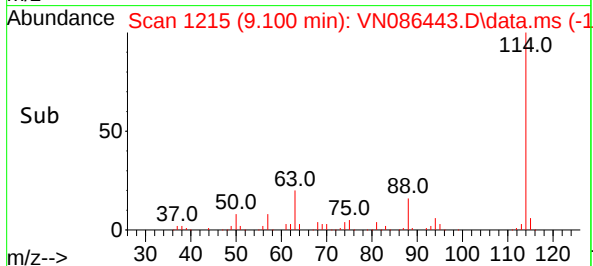
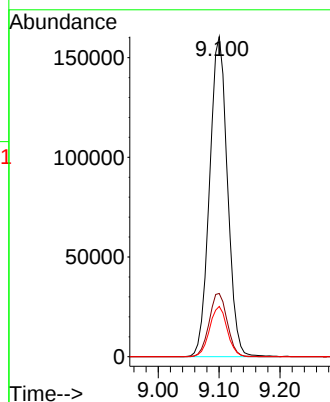
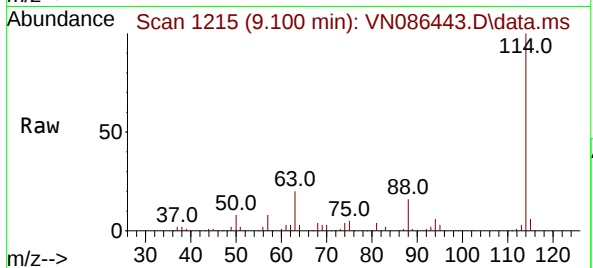
Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	42.6
88	15.7	0.0	31.8

Manual Integrations

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Supervised By :Semsettin Yesilyurt 05/05/2025



#35

Dibromofluoromethane

Concen: 50.286 ug/l

RT: 8.165 min Scan# 1056

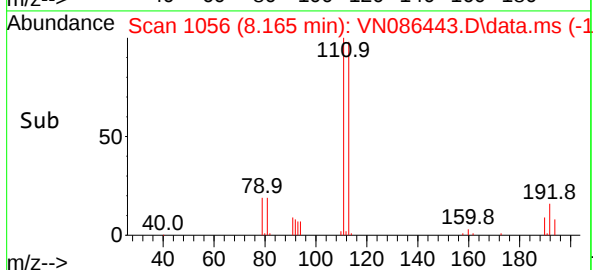
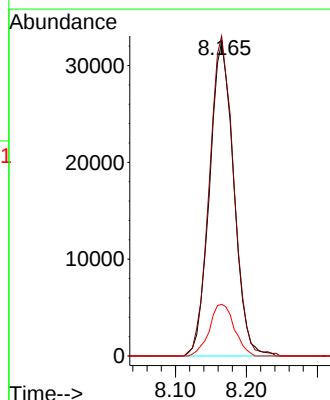
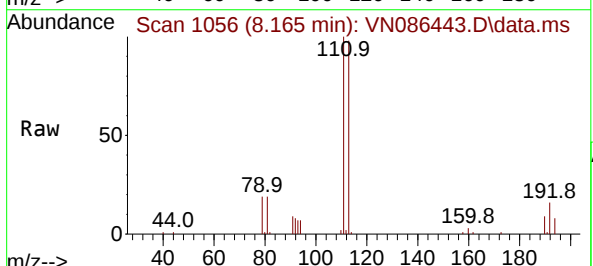
Delta R.T. 0.000 min

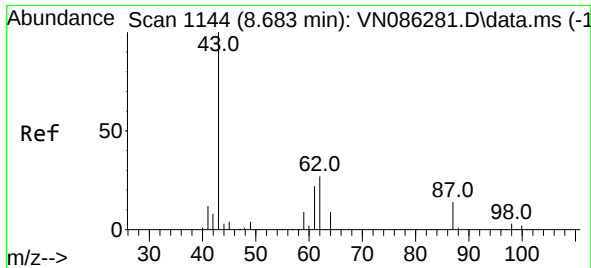
Lab File: VN086443.D

Acq: 30 Apr 2025 17:53

Tgt Ion:113 Resp: 76436

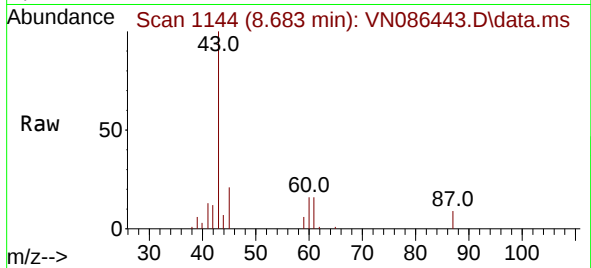
Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.4	125.0
192	17.0	13.7	20.5





#43
Isopropyl Acetate
Concen: 5.284 ug/l m
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086443.D
Acq: 30 Apr 2025 17:53

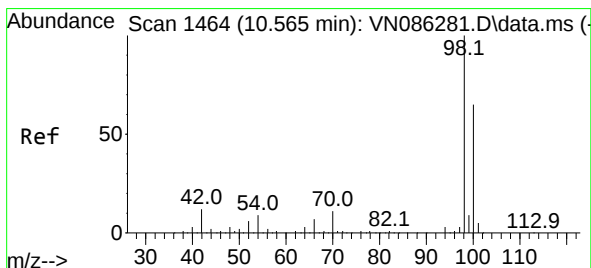
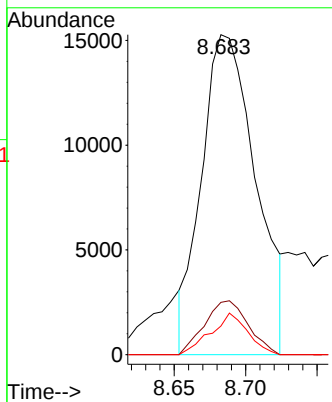
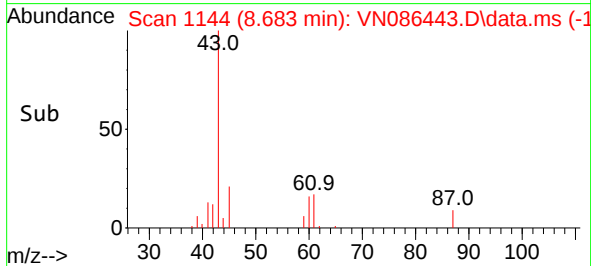
Instrument :
MSVOA_N
ClientSampleId :
PB167775ZHE#13



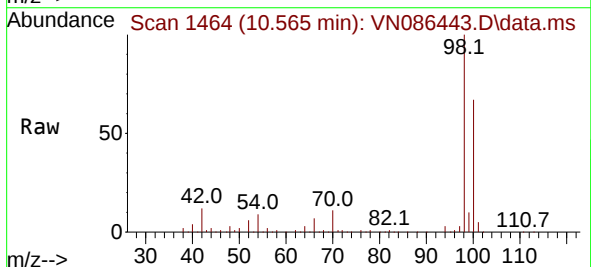
Tgt Ion: 43 Resp: 40464
Ion Ratio Lower Upper
43 100
61 13.5 20.5 30.7
87 8.8 10.5 15.7

Manual Integrations
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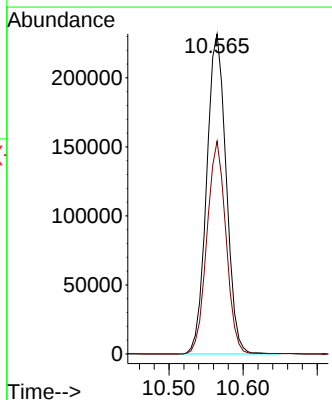
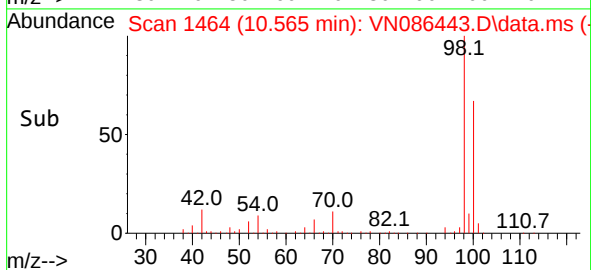
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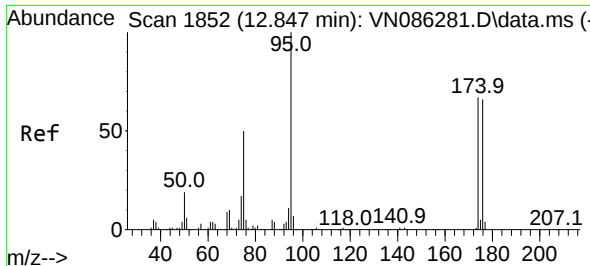


#50
Toluene-d8
Concen: 52.161 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086443.D
Acq: 30 Apr 2025 17:53



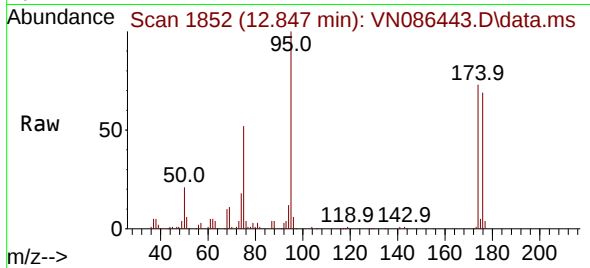
Tgt Ion: 98 Resp: 423742
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7





#62
4-Bromofluorobenzene
Concen: 52.319 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086443.D
Acq: 30 Apr 2025 17:53

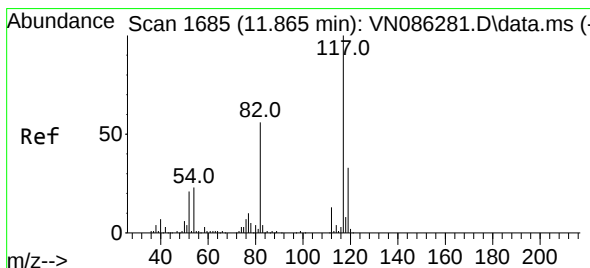
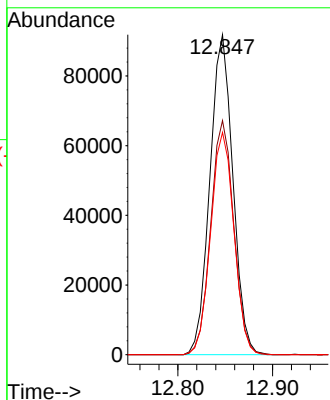
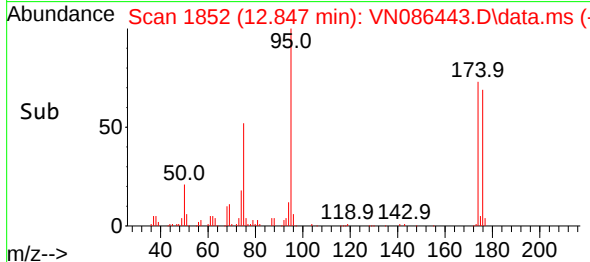
Instrument :
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ClientSampleId :
PB167775ZHE#13



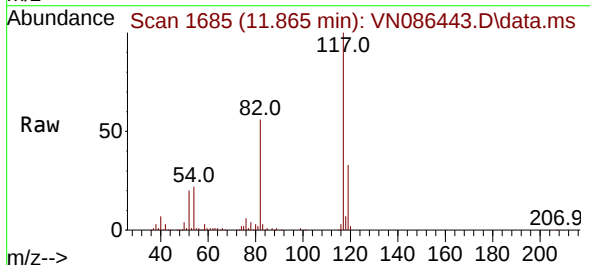
Tgt Ion: 95 Resp: 155024
Ion Ratio Lower Upper
95 100
174 73.2 0.0 133.4
176 70.3 0.0 129.2

Manual Integrations
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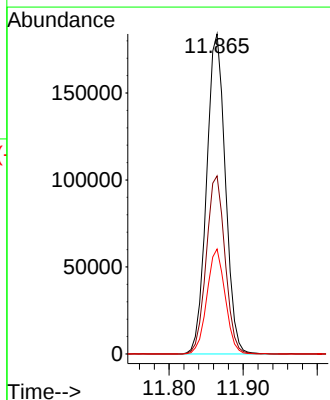
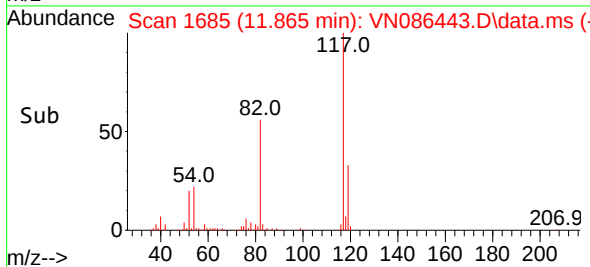
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Supervised By :Semsettin Yesilyurt 05/05/2025

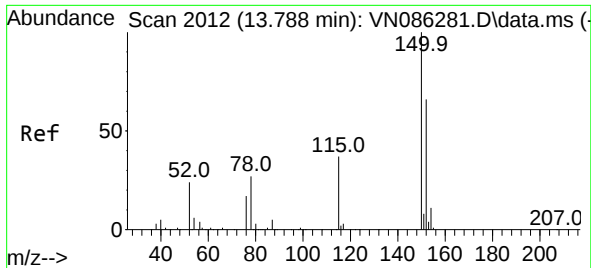


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086443.D
Acq: 30 Apr 2025 17:53



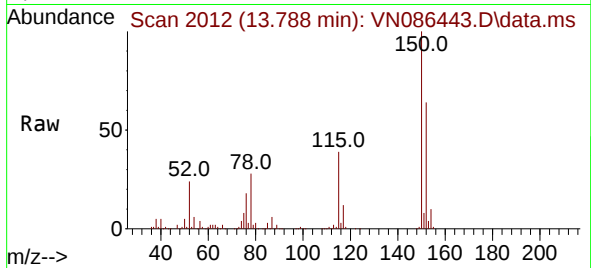
Tgt Ion:117 Resp: 323107
Ion Ratio Lower Upper
117 100
82 55.7 44.7 67.1
119 32.8 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN086443.D
 Acq: 30 Apr 2025 17:53

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167775ZHE#13



Tgt Ion:152 Resp: 138024
 Ion Ratio Lower Upper
 152 100
 115 61.5 31.9 95.9
 150 159.5 0.0 352.0

Manual Integrations
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