Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053025\
Data File : VN086832.D
Acq On : 30 May 2025 14:13
Operator : JC\MD
Sample : PB168191ZHE#03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB168191ZHE#03

Quant Time: May 31 03:47:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 30 02:22:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.812	128	29607	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.094	114	180698	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	149313	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.571	65	65510	32.204	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 107.333%			
60) 4-Bromofluorobenzene	12.847	95	67452	28.773	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 95.900%			
63) Toluene-d8	10.565	98	206580	30.143	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.467%			
Target Compounds						Qvalue
3) Chloromethane	2.377	50	20527	7.917	ug/l	95
15) Acetone	4.412	58	18105	79.244	ug/l	84
18) Methylene Chloride	5.265	84	12580	6.204	ug/l	94
30) 2-Butanone	7.483	43	7212	6.195	ug/l #	79
44) Isopropyl Acetate	8.682	43	31898	7.806	ug/l #	88

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

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PB168191ZHE#03

Quant Time: May 31 03:47:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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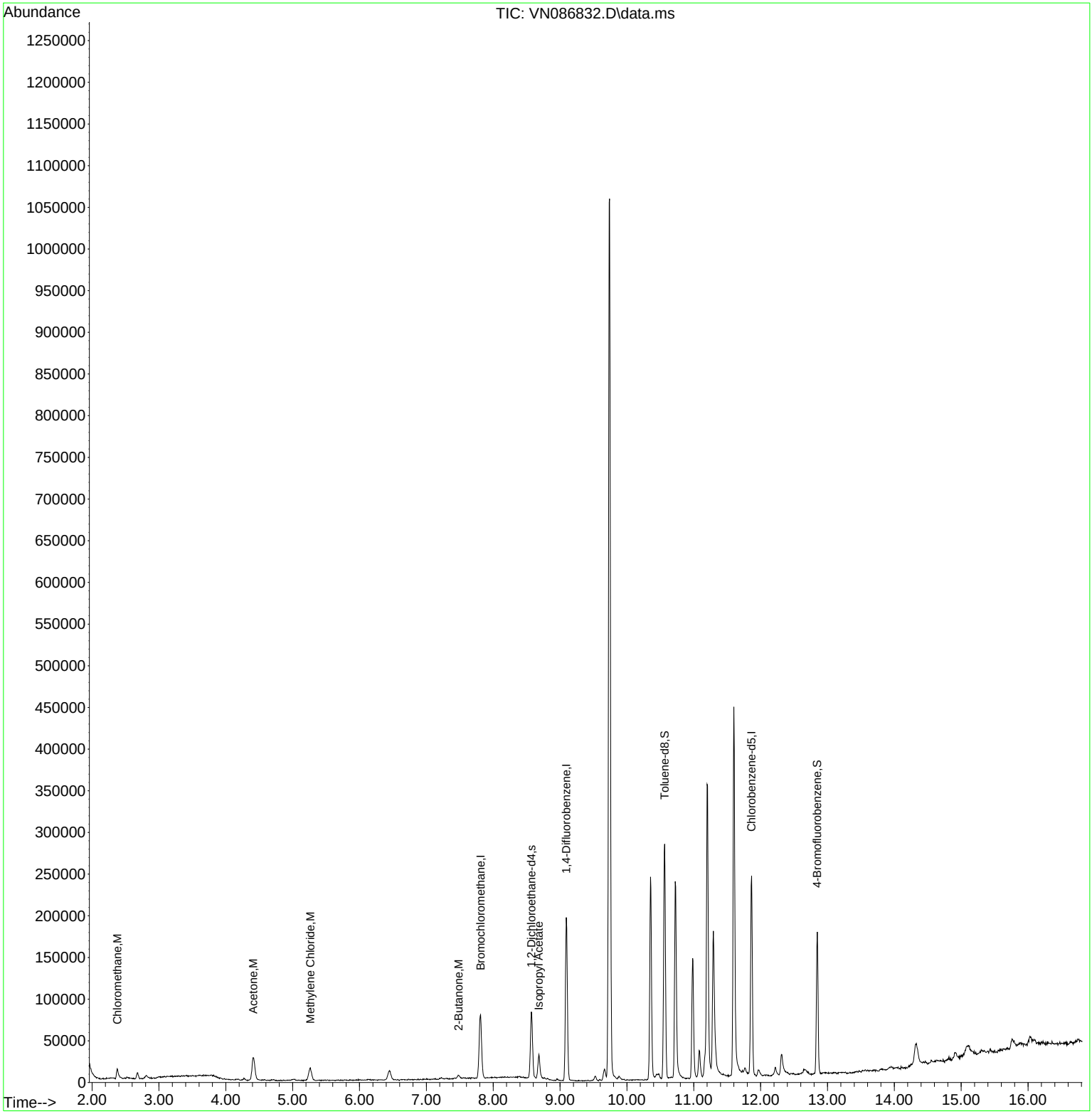
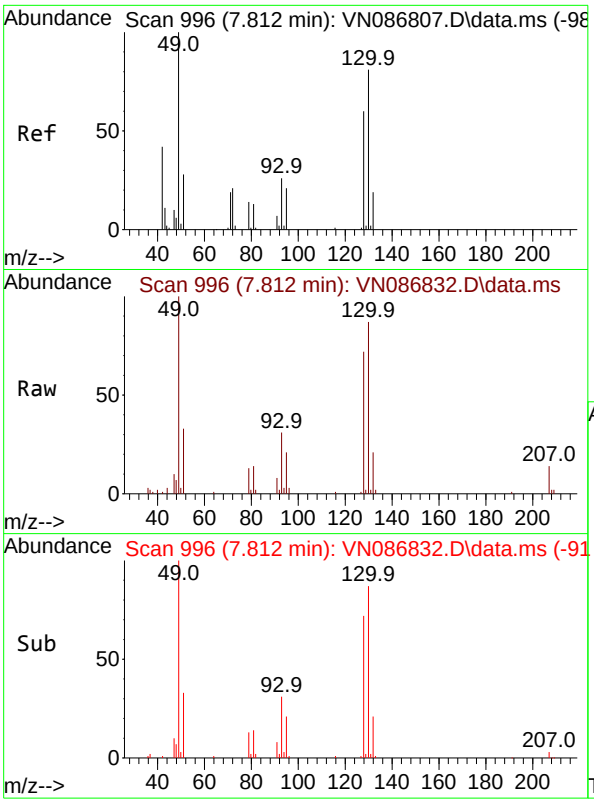


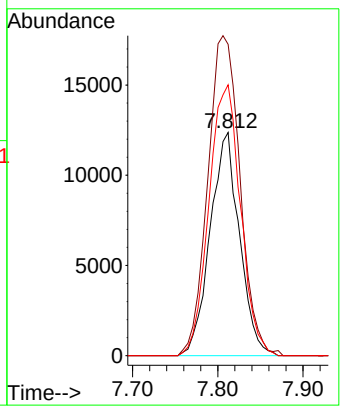


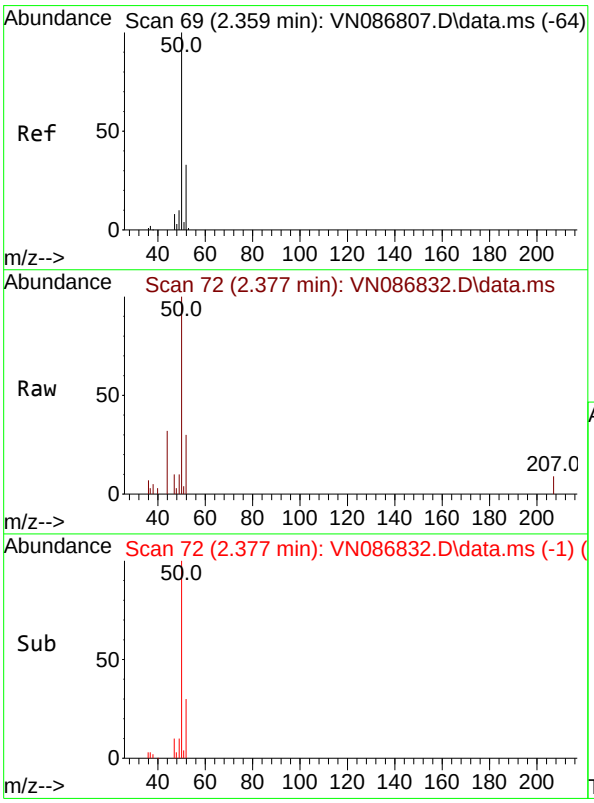
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN086832.D
Acq: 30 May 2025 14:13

Instrument :
MSVOA_N
ClientSampleId :
PB168191ZHE#03

Tgt Ion:128 Resp: 29607

Ion	Ratio	Lower	Upper
128	100		
49	157.3	0.0	404.5
130	130.9	0.0	322.2

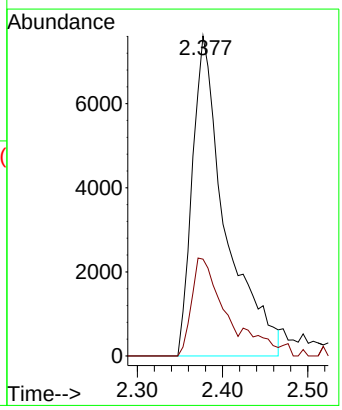


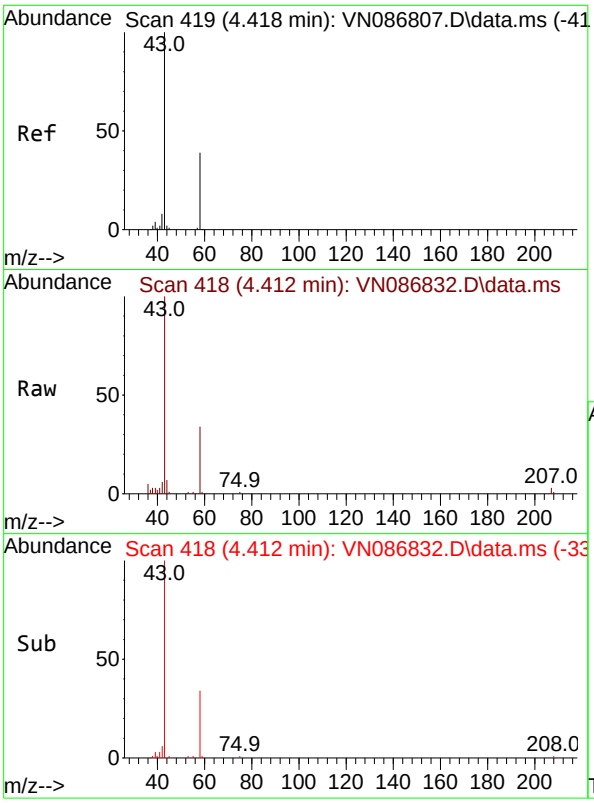


#3
Chloromethane
Concen: 7.917 ug/l
RT: 2.377 min Scan# 72
Delta R.T. 0.018 min
Lab File: VN086832.D
Acq: 30 May 2025 14:13

Tgt Ion: 50 Resp: 20527

Ion	Ratio	Lower	Upper
50	100		
52	30.2	26.6	40.0



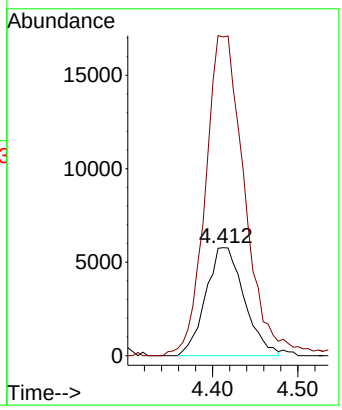


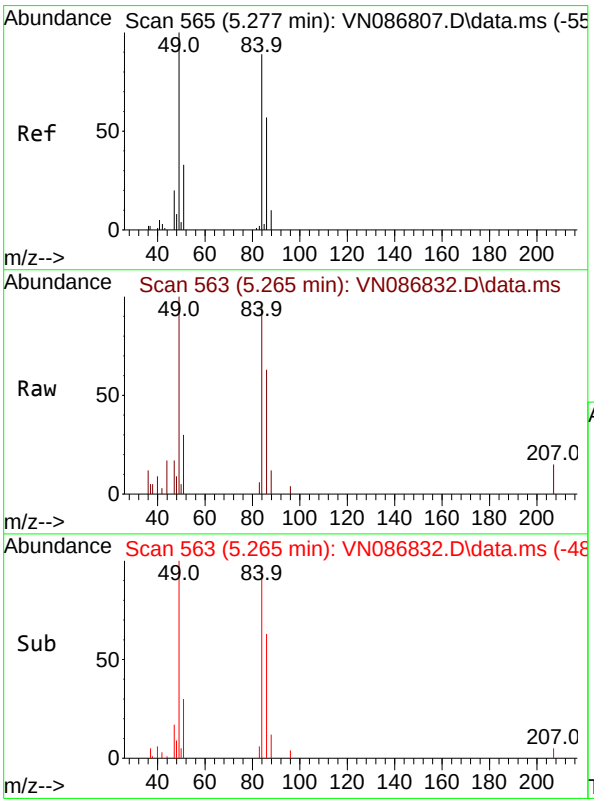
#15
Acetone
Concen: 79.244 ug/l
RT: 4.412 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN086832.D
Acq: 30 May 2025 14:13

Instrument :
MSVOA_N
ClientSampleId :
PB168191ZHE#03

Tgt Ion: 58 Resp: 18105

Ion	Ratio	Lower	Upper
58	100		
43	288.3	207.7	311.5

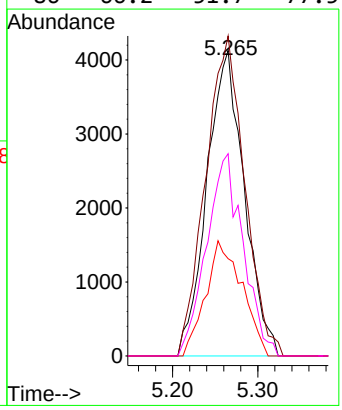


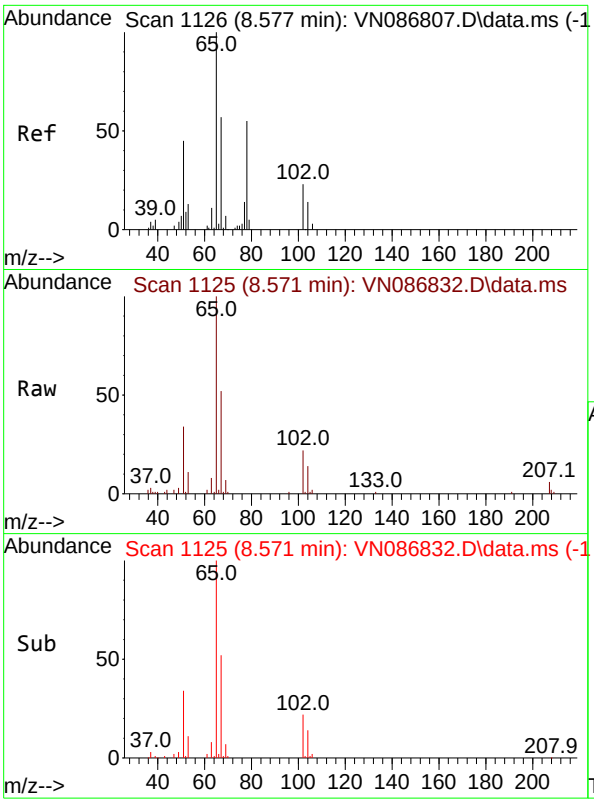


#18
Methylene Chloride
Concen: 6.204 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN086832.D
Acq: 30 May 2025 14:13

Tgt Ion: 84 Resp: 12580

Ion	Ratio	Lower	Upper
84	100		
49	104.7	89.9	134.9
51	31.8	29.6	44.4
86	66.2	51.7	77.5



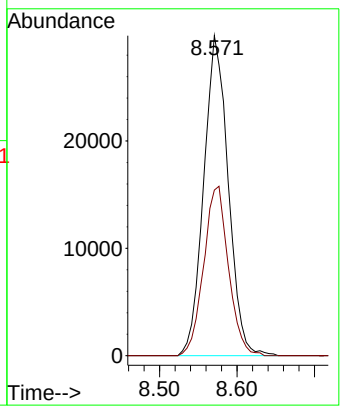


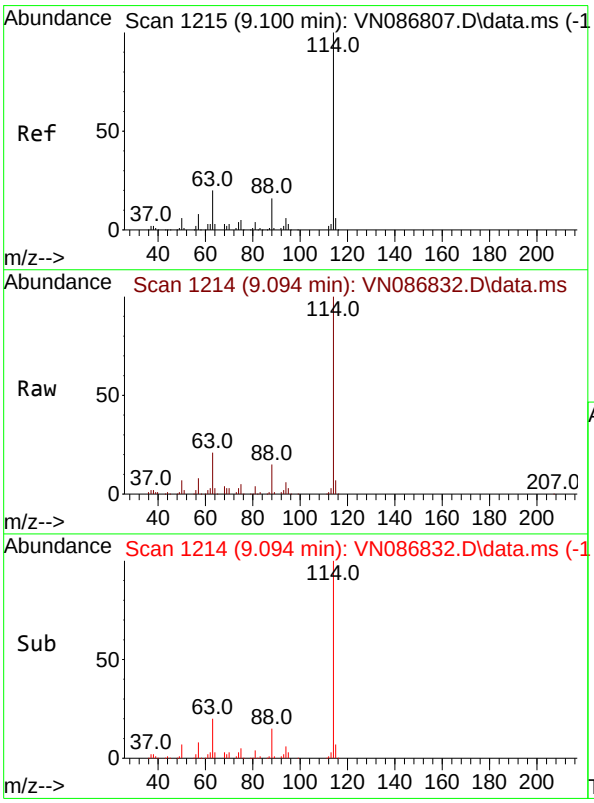
#27
1,2-Dichloroethane-d4
Concen: 32.204 ug/l
RT: 8.571 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086832.D
Acq: 30 May 2025 14:13

Instrument :
MSVOA_N
ClientSampleId :
PB168191ZHE#03

Tgt Ion: 65 Resp: 65510

Ion	Ratio	Lower	Upper
65	100		
67	53.4	44.6	67.0

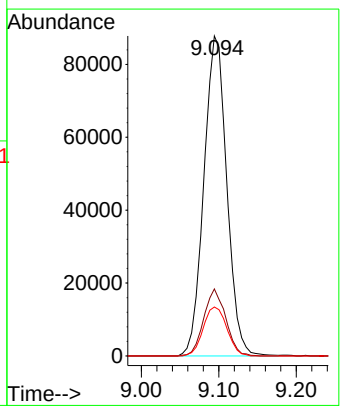


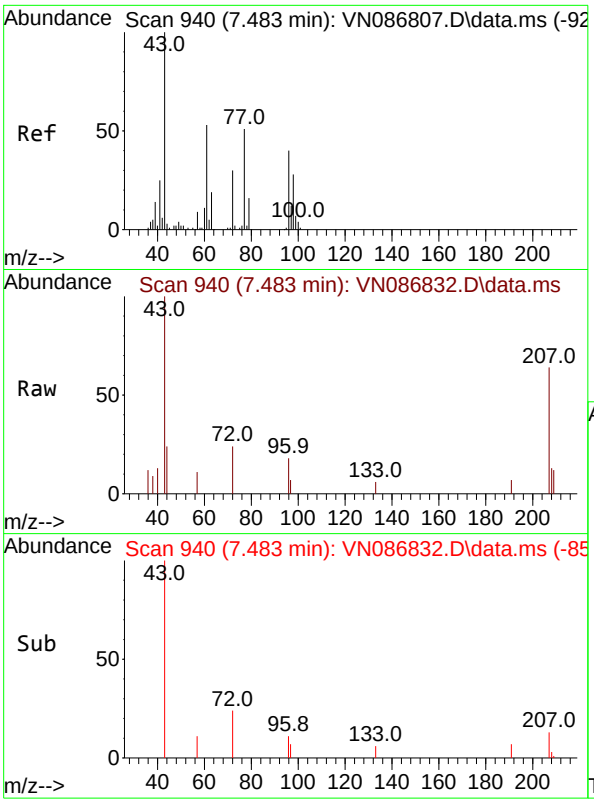


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN086832.D
Acq: 30 May 2025 14:13

Tgt Ion:114 Resp: 180698

Ion	Ratio	Lower	Upper
114	100		
63	20.1	15.8	23.8
88	15.7	12.9	19.3



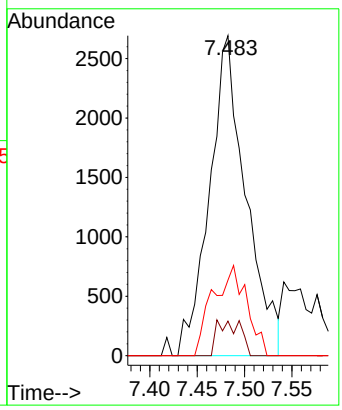


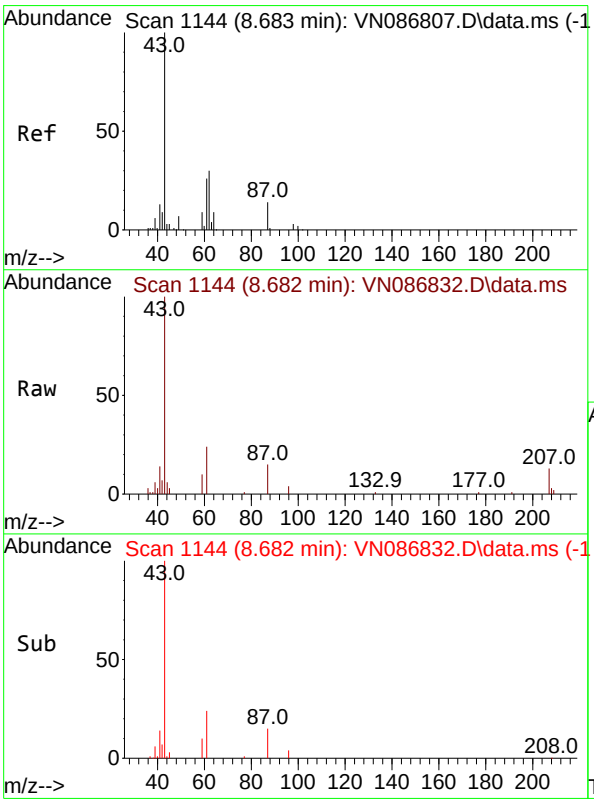
#30
2-Butanone
Concen: 6.195 ug/l
RT: 7.483 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN086832.D
Acq: 30 May 2025 14:13

Instrument :
MSVOA_N
ClientSampleId :
PB168191ZHE#03

Tgt Ion: 43 Resp: 7212

Ion	Ratio	Lower	Upper
43	100		
57	0.0	6.8	10.2#
72	18.1	23.4	35.0#

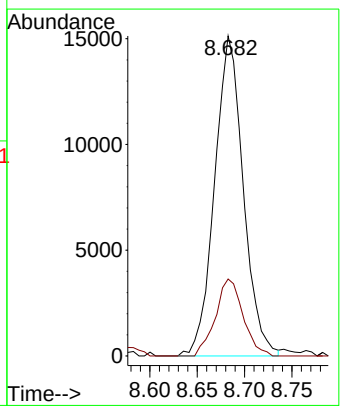


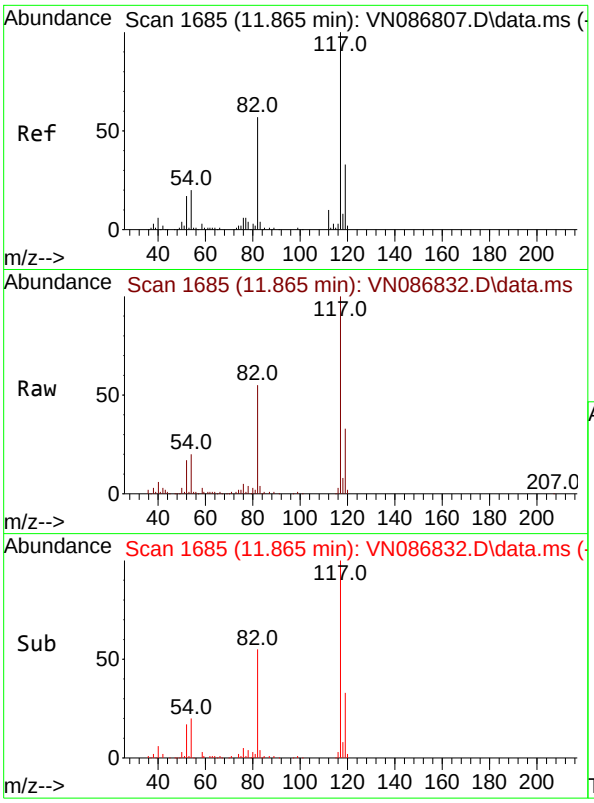


#44
Isopropyl Acetate
Concen: 7.806 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086832.D
Acq: 30 May 2025 14:13

Tgt Ion: 43 Resp: 31898

Ion	Ratio	Lower	Upper
43	100		
61	23.1	23.8	35.6#



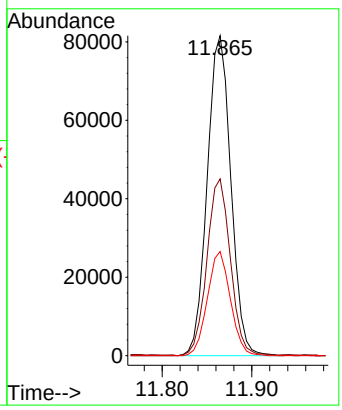


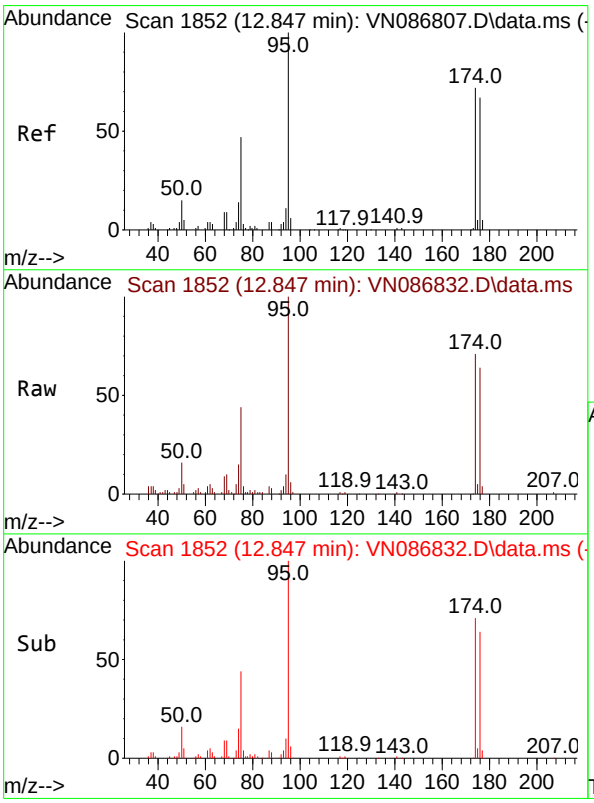
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086832.D
Acq: 30 May 2025 14:13

Instrument :
MSVOA_N
ClientSampleId :
PB168191ZHE#03

Tgt Ion:117 Resp: 149313

Ion	Ratio	Lower	Upper
117	100		
82	55.0	44.7	67.1
119	31.7	25.6	38.4

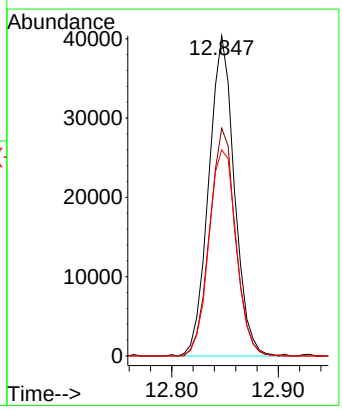


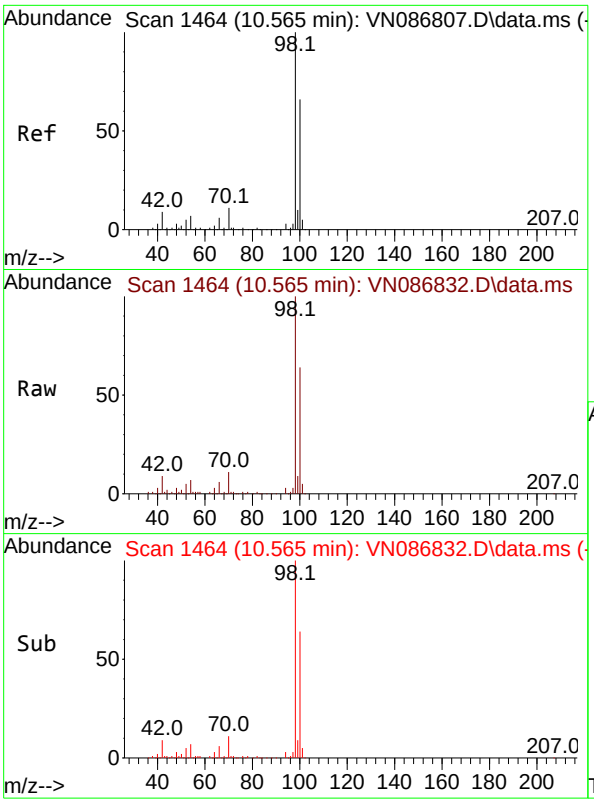


#60
4-Bromofluorobenzene
Concen: 28.773 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086832.D
Acq: 30 May 2025 14:13

Tgt Ion: 95 Resp: 67452

Ion	Ratio	Lower	Upper
95	100		
174	71.6	56.2	84.4
176	68.6	53.4	80.0





#63
Toluene-d8
Concen: 30.143 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086832.D
Acq: 30 May 2025 14:13

Instrument :
MSVOA_N
ClientSampleId :
PB168191ZHE#03

Tgt Ion: 98 Resp: 206580

Ion	Ratio	Lower	Upper
98	100		
100	66.6	52.7	79.1