Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091725\
Data File : VN087878.D
Acq On : 17 Sep 2025 14:35
Operator : JC\MD
Sample : Q3098-01 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

Quant Time: Sep 18 03:11:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 05 03:29:53 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.800	128	48057	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	229704	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	209730	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	110417	26.897	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	89.667%#		
60) 4-Bromofluorobenzene	12.829	95	88044	26.108	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	87.033%		
63) Toluene-d8	10.547	98	284412	29.160	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	97.200%		
Target Compounds						Qvalue
15) Acetone	4.424	58	48944	81.505	ug/l	89
25) Chloroform	7.947	83	27639	4.425	ug/l	89

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

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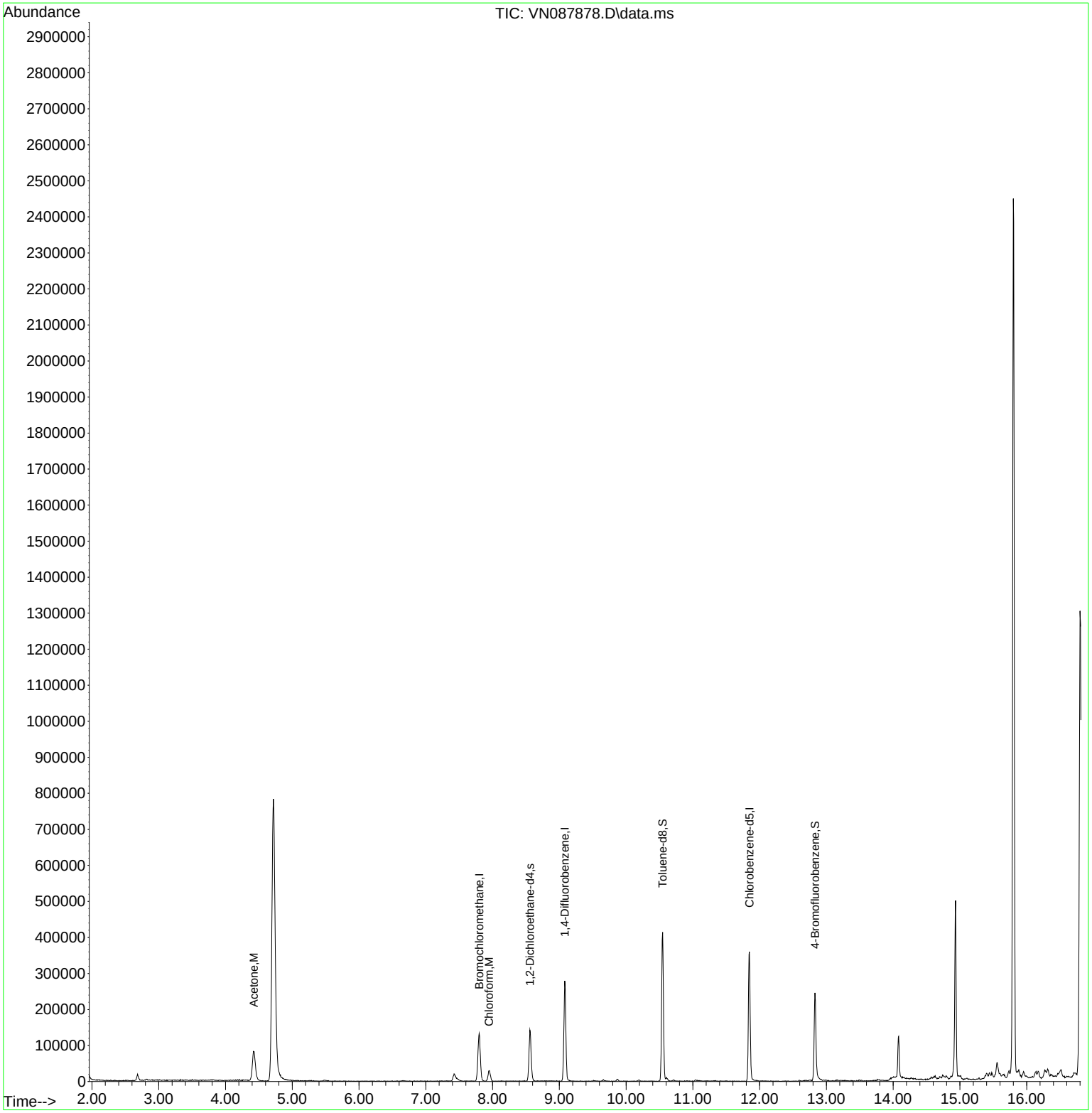
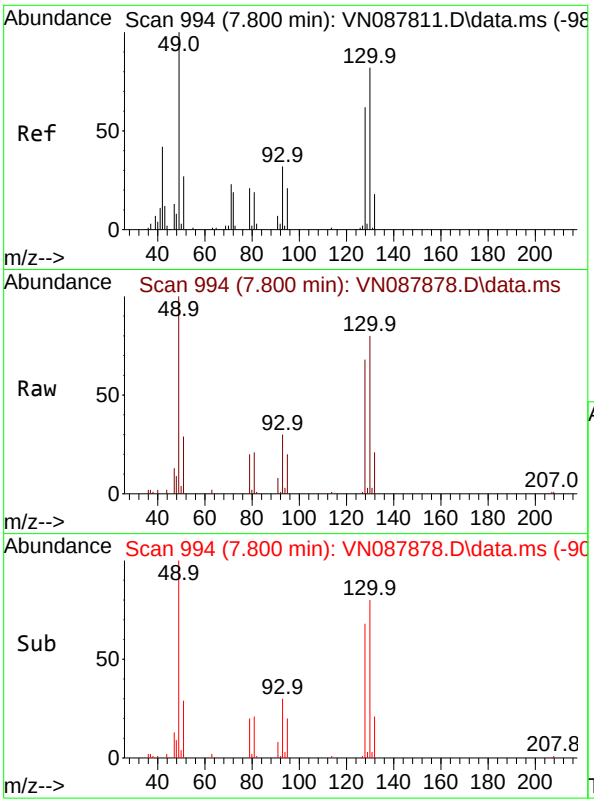


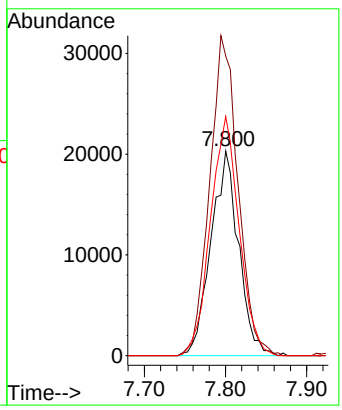


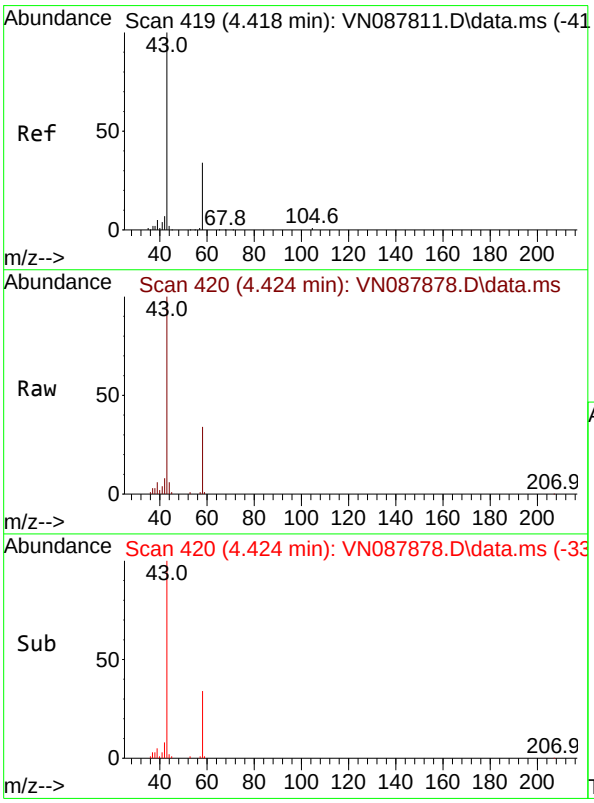
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN087878.D
Acq: 17 Sep 2025 14:35

Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

Tgt Ion:128 Resp: 48057

Ion	Ratio	Lower	Upper
128	100		
49	160.3	0.0	464.3
130	121.7	0.0	300.5

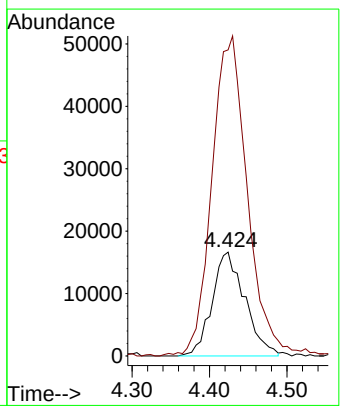


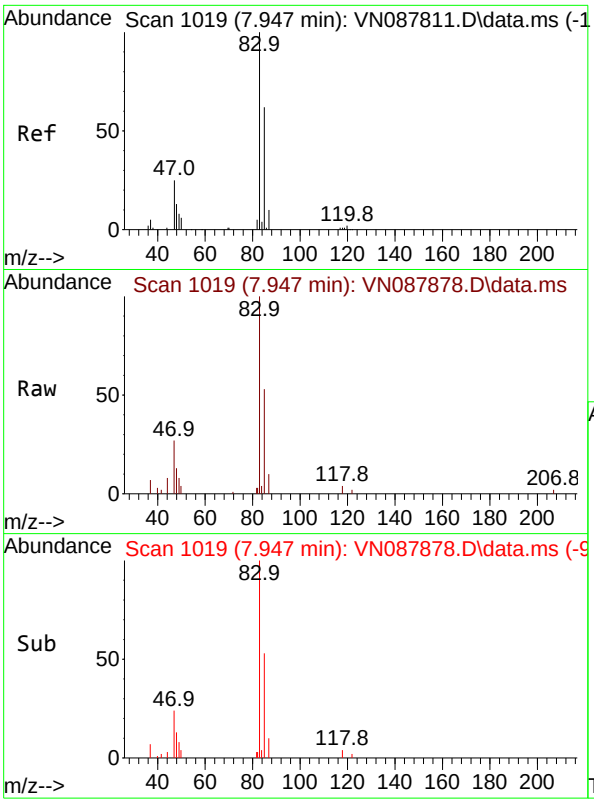


#15
Acetone
Concen: 81.505 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN087878.D
Acq: 17 Sep 2025 14:35

Tgt Ion: 58 Resp: 48944

Ion	Ratio	Lower	Upper
58	100		
43	291.5	250.6	376.0



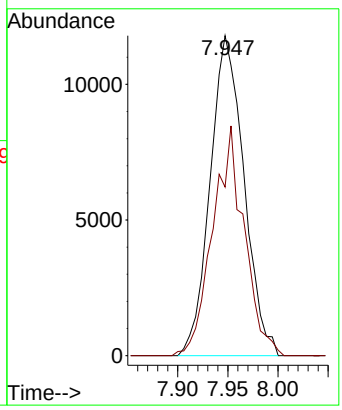


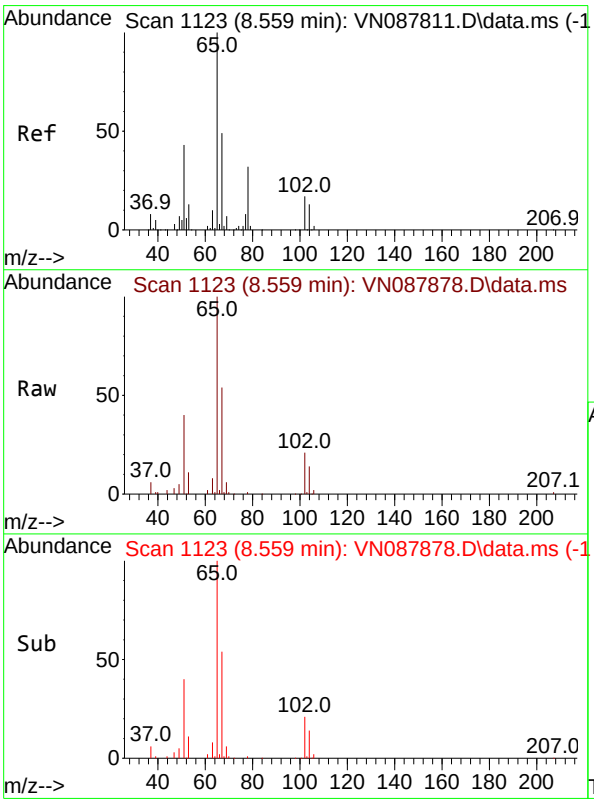
#25
Chloroform
Concen: 4.425 ug/l
RT: 7.947 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087878.D
Acq: 17 Sep 2025 14:35

Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

Tgt Ion: 83 Resp: 27639

Ion	Ratio	Lower	Upper
83	100		
85	51.4	47.7	71.5

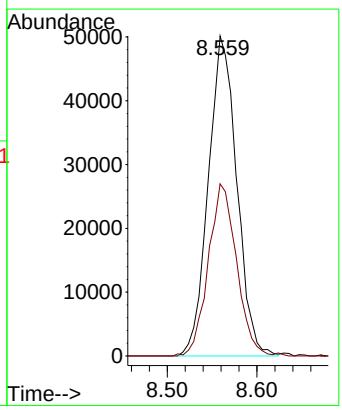


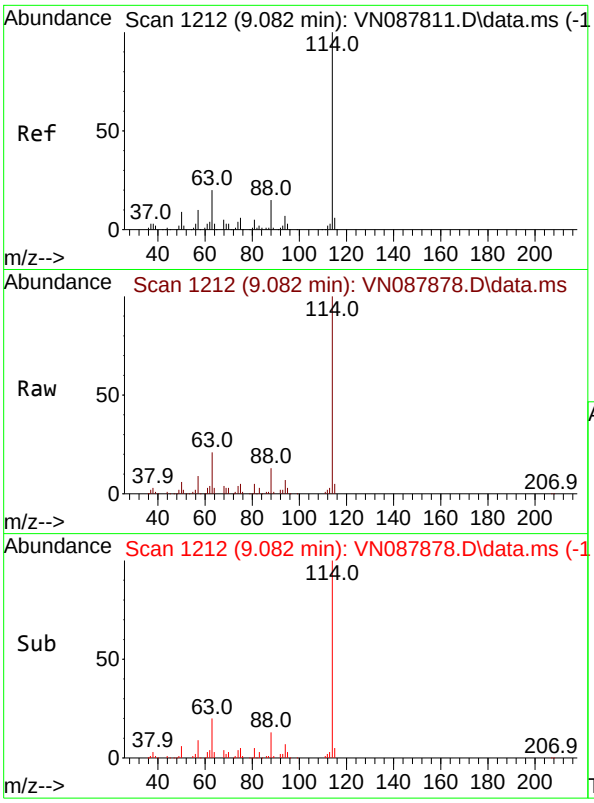


#27
1,2-Dichloroethane-d4
Concen: 26.897 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087878.D
Acq: 17 Sep 2025 14:35

Tgt Ion: 65 Resp: 110417

Ion	Ratio	Lower	Upper
65	100		
67	53.3	39.6	59.4



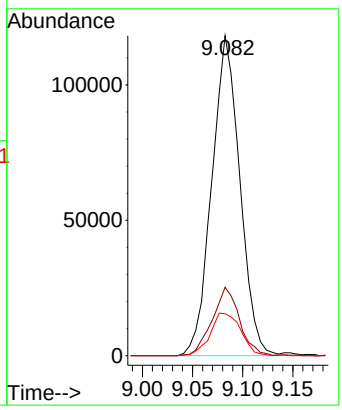


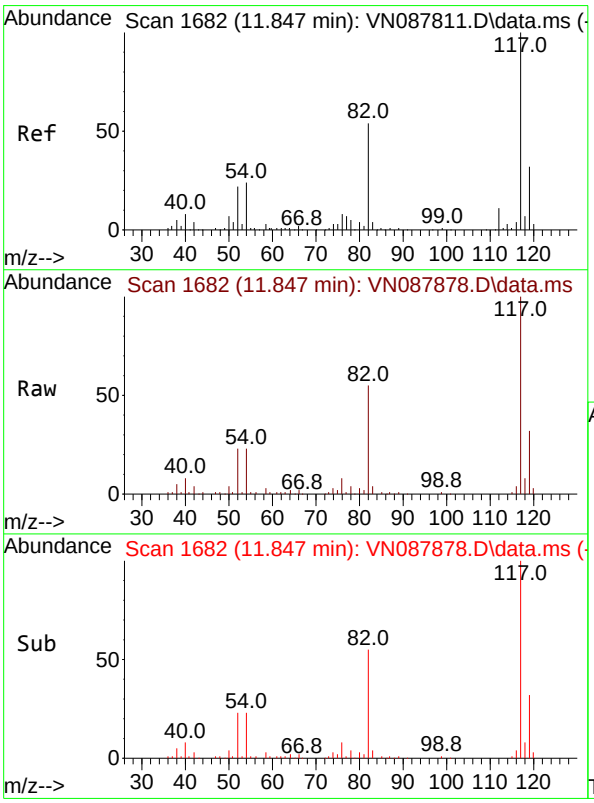
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087878.D
Acq: 17 Sep 2025 14:35

Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

Tgt Ion:114 Resp: 229704

Ion	Ratio	Lower	Upper
114	100		
63	20.8	18.3	27.5
88	14.5	12.4	18.6

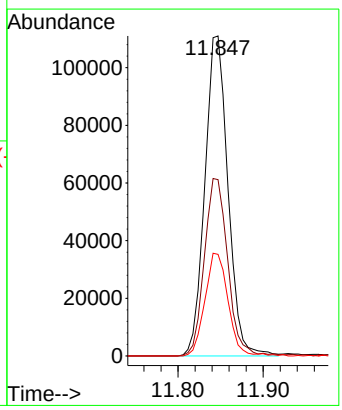


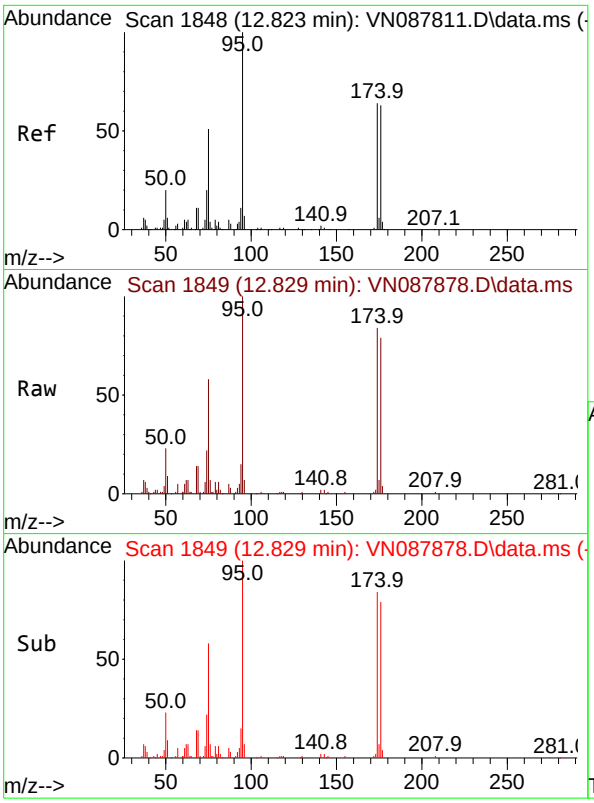


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN087878.D
Acq: 17 Sep 2025 14:35

Tgt Ion:117 Resp: 209730

Ion	Ratio	Lower	Upper
117	100		
82	56.1	45.9	68.9
119	31.7	25.3	37.9



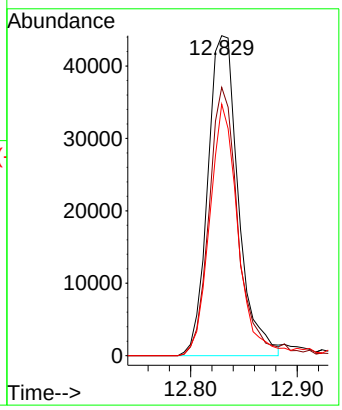


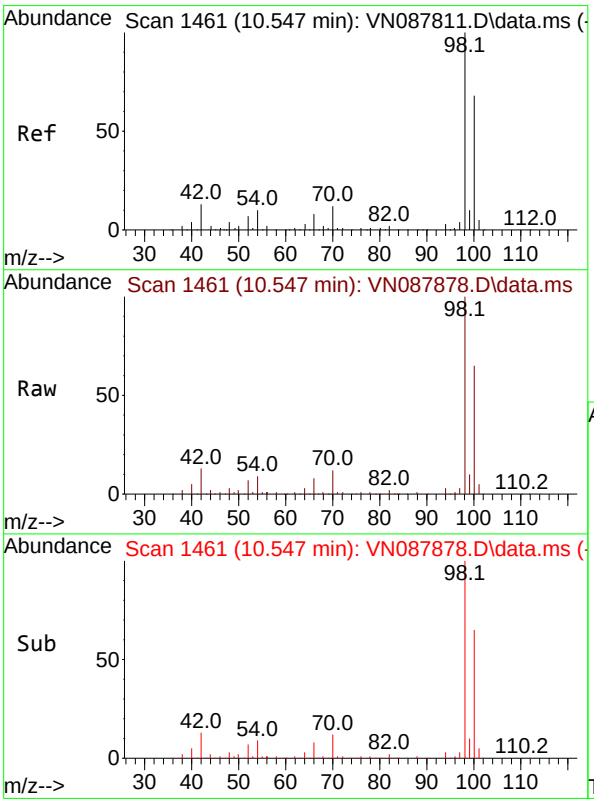
#60
4-Bromofluorobenzene
Concen: 26.108 ug/l
RT: 12.829 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087878.D
Acq: 17 Sep 2025 14:35

Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

Tgt Ion: 95 Resp: 88044

Ion	Ratio	Lower	Upper
95	100		
174	78.8	55.4	83.0
176	72.8	51.5	77.3





#63
Toluene-d8
Concen: 29.160 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087878.D
Acq: 17 Sep 2025 14:35

Tgt Ion: 98 Resp: 284412

Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.6	76.0