Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101725\
Data File : VN088064.D
Acq On : 17 Oct 2025 13:16
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Oct 18 01:29:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Oct 09 02:36:32 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.800	128	54576	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	293060	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	255371	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	139092	32.729	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 109.100%			
60) 4-Bromofluorobenzene	12.829	95	118735	28.204	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 94.000%			
63) Toluene-d8	10.547	98	355627	31.256	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 104.200%			
Target Compounds						Qvalue
13) Acrolein	4.183	56	282	0.391	ug/l #	1
30) 2-Butanone	7.483	43	852	0.275	ug/l #	55

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

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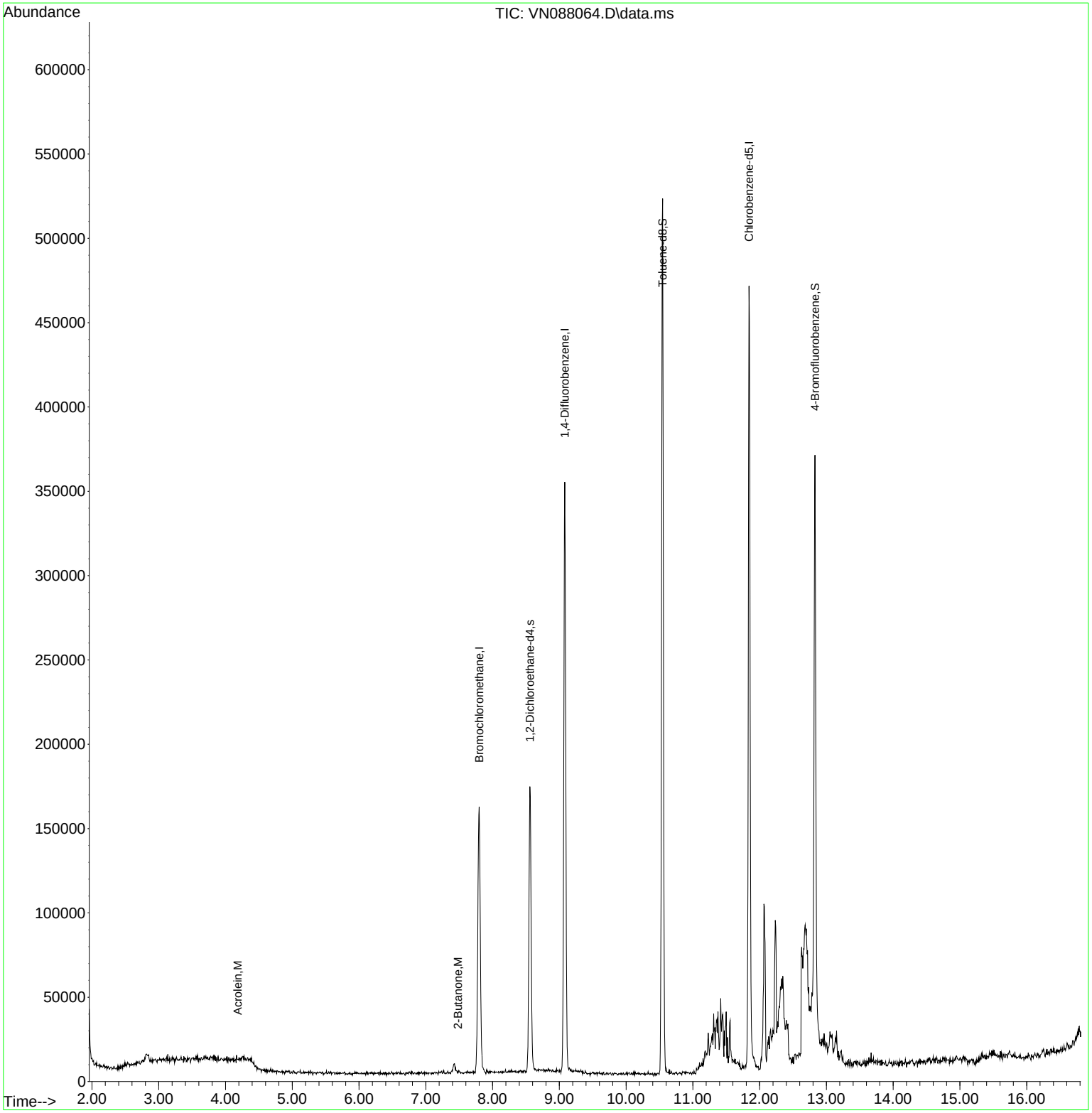
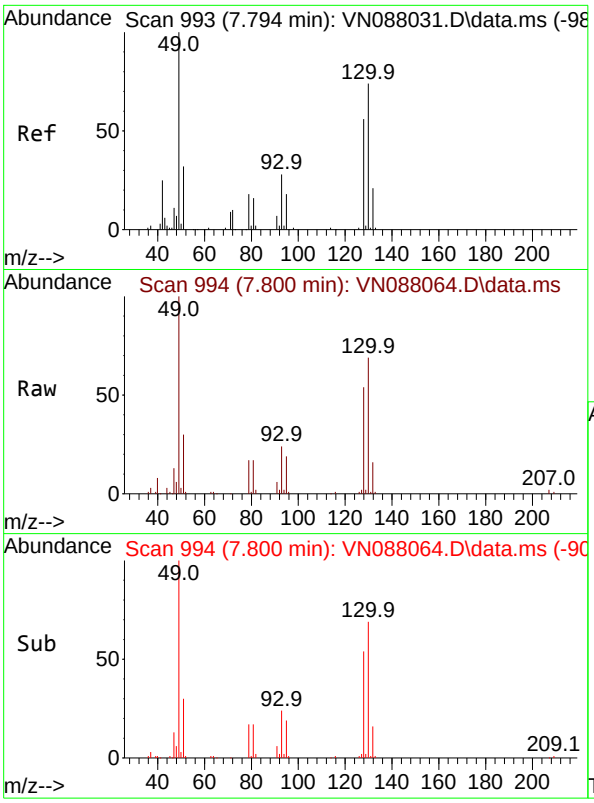


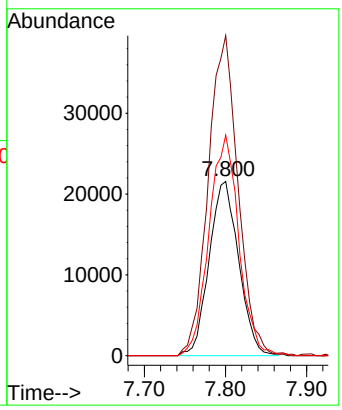


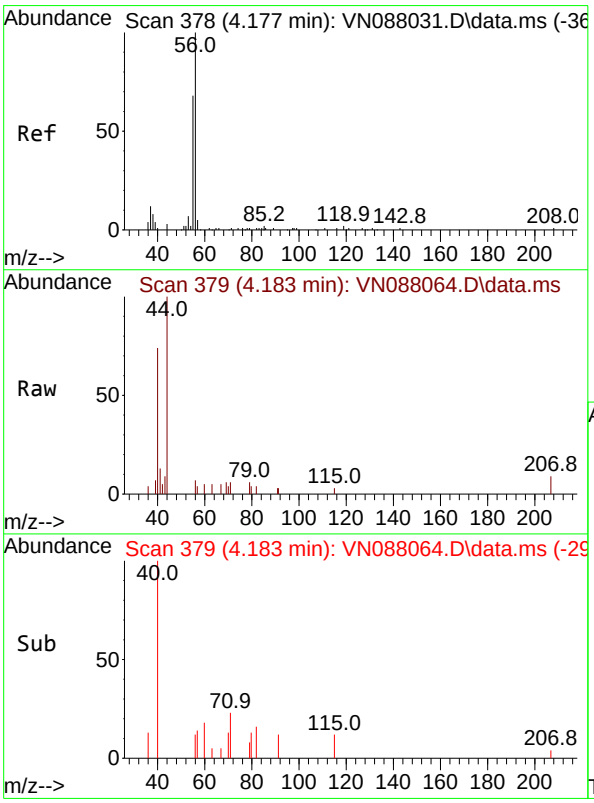
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN088064.D
Acq: 17 Oct 2025 13:16

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:128 Resp: 54576

Ion	Ratio	Lower	Upper
128	100		
49	184.8	0.0	439.8
130	127.4	0.0	325.8

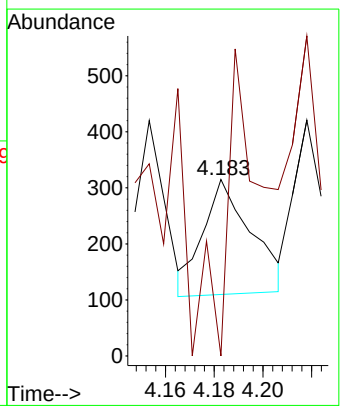


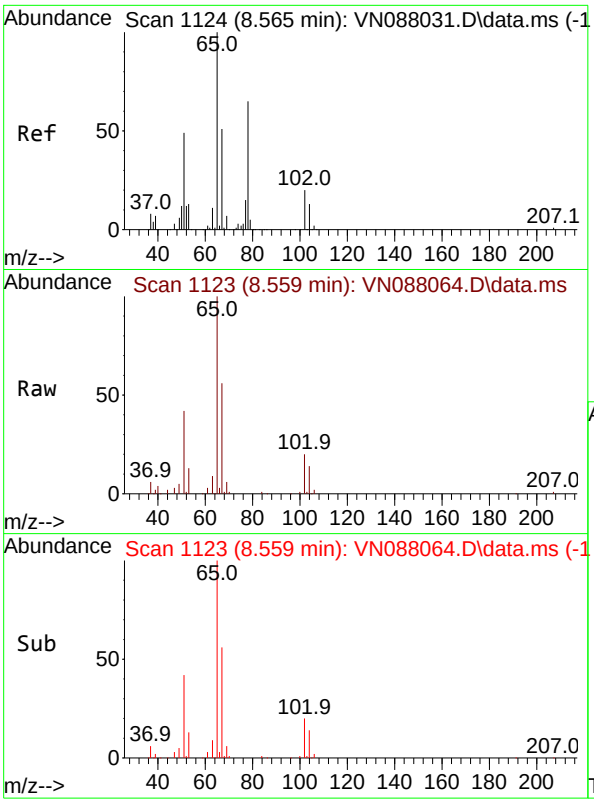


#13
Acrolein
Concen: 0.391 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN088064.D
Acq: 17 Oct 2025 13:16

Tgt Ion: 56 Resp: 282

Ion	Ratio	Lower	Upper
56	100		
55	145.4	0.3	0.5#



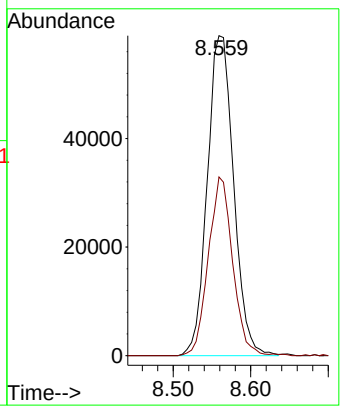


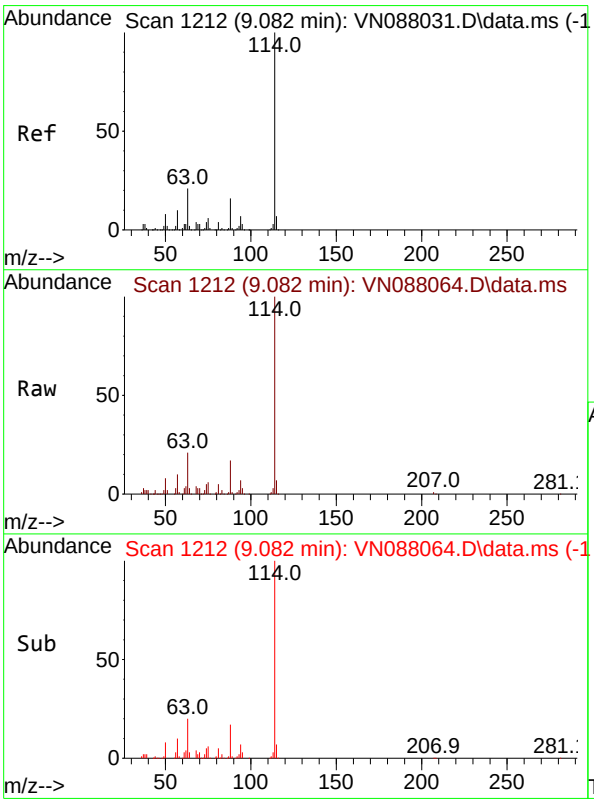
#27
1,2-Dichloroethane-d4
Concen: 32.729 ug/l
RT: 8.559 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088064.D
Acq: 17 Oct 2025 13:16

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 65 Resp: 139092

Ion	Ratio	Lower	Upper
65	100		
67	51.5	41.9	62.9

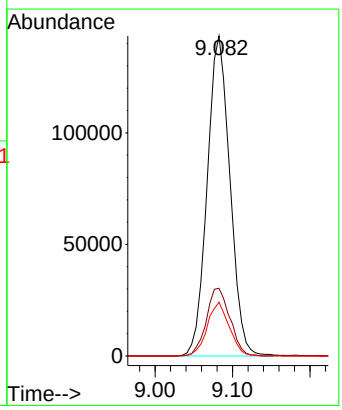


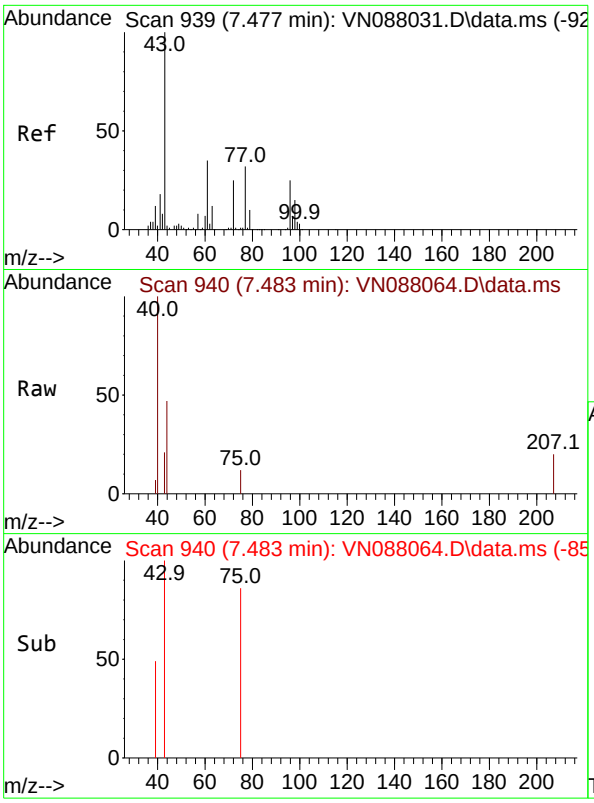


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088064.D
Acq: 17 Oct 2025 13:16

Tgt Ion:114 Resp: 293060

Ion	Ratio	Lower	Upper
114	100		
63	21.9	16.6	25.0
88	16.3	12.6	18.8



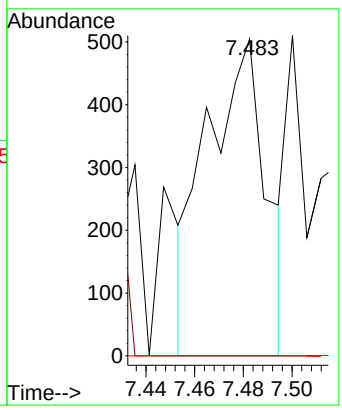


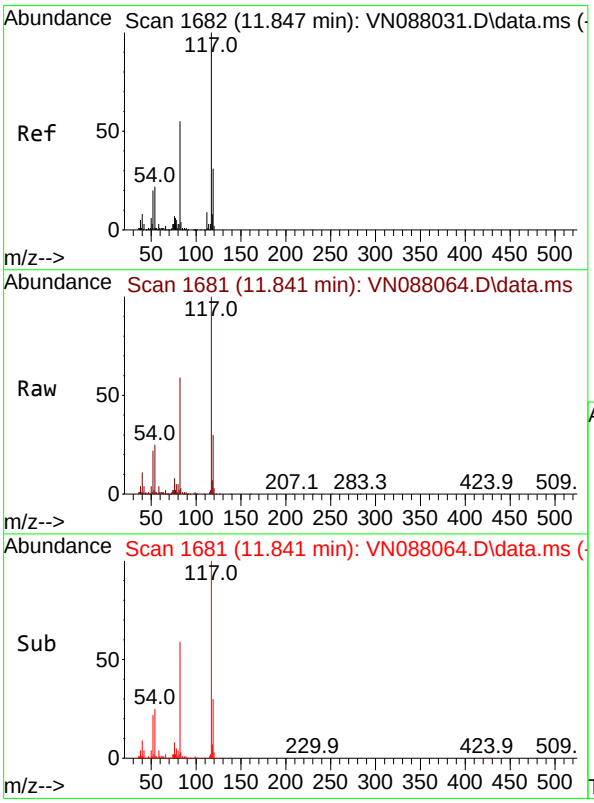
#30
2-Butanone
Concen: 0.275 ug/l
RT: 7.483 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN088064.D
Acq: 17 Oct 2025 13:16

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 43 Resp: 852

Ion	Ratio	Lower	Upper
43	100		
57	0.0	6.5	9.7#
72	0.0	21.4	32.2#

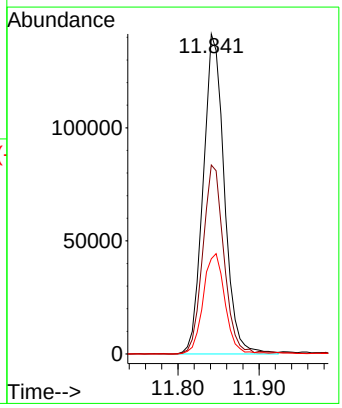


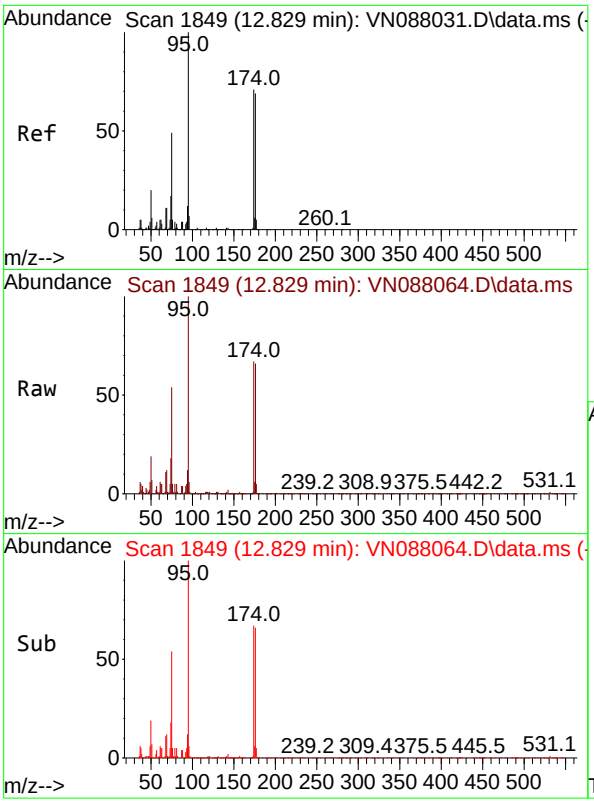


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VN088064.D
Acq: 17 Oct 2025 13:16

Tgt Ion:117 Resp: 255371

Ion	Ratio	Lower	Upper
117	100		
82	58.8	45.2	67.8
119	32.0	25.9	38.9



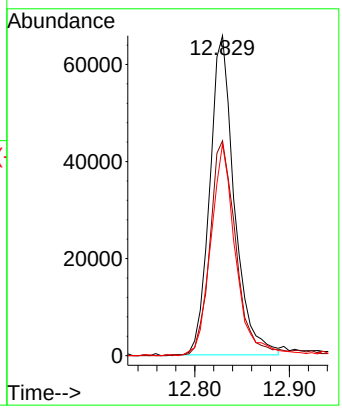


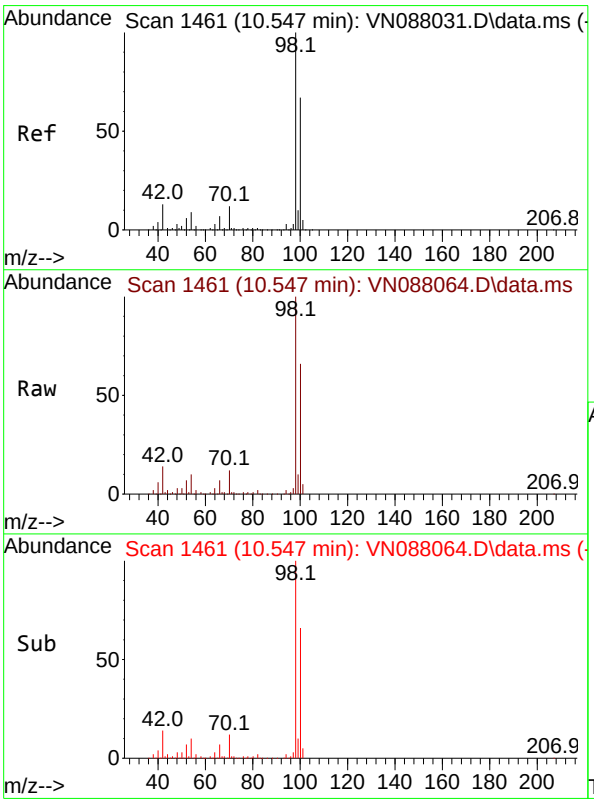
#60
4-Bromofluorobenzene
Concen: 28.204 ug/l
RT: 12.829 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088064.D
Acq: 17 Oct 2025 13:16

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 118735

Ion	Ratio	Lower	Upper
95	100		
174	71.1	57.4	86.0
176	67.2	57.0	85.4





#63
Toluene-d8
Concen: 31.256 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN088064.D
Acq: 17 Oct 2025 13:16

Tgt Ion: 98 Resp: 355627

Ion	Ratio	Lower	Upper
98	100		
100	64.2	53.1	79.7