Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032423\
Data File : VN077178.D
Acq On : 24 Mar 2023 14:13
Operator : JC\MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Quant Time: Mar 24 23:29:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032423W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Mar 24 05:55:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.819	128	37320	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	223643	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	234934	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	118530	31.274	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.233%			
60) 4-Bromofluorobenzene	12.854	95	99796	23.645	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 78.833%			
63) Toluene-d8	10.572	98	250905	29.918	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.733%			
Target Compounds						Qvalue
15) Acetone	4.448	58	6522	9.820	ug/l	74

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

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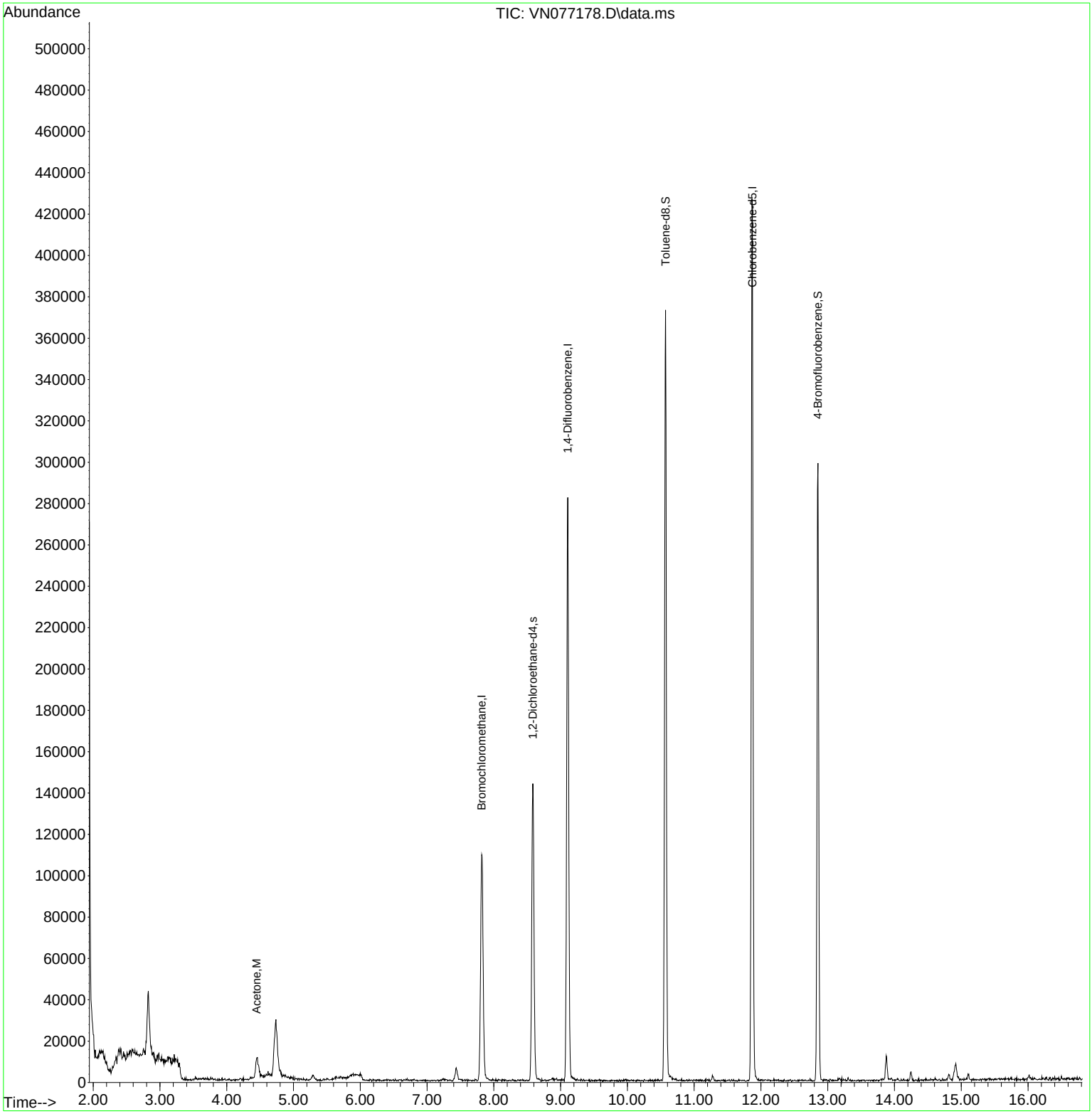
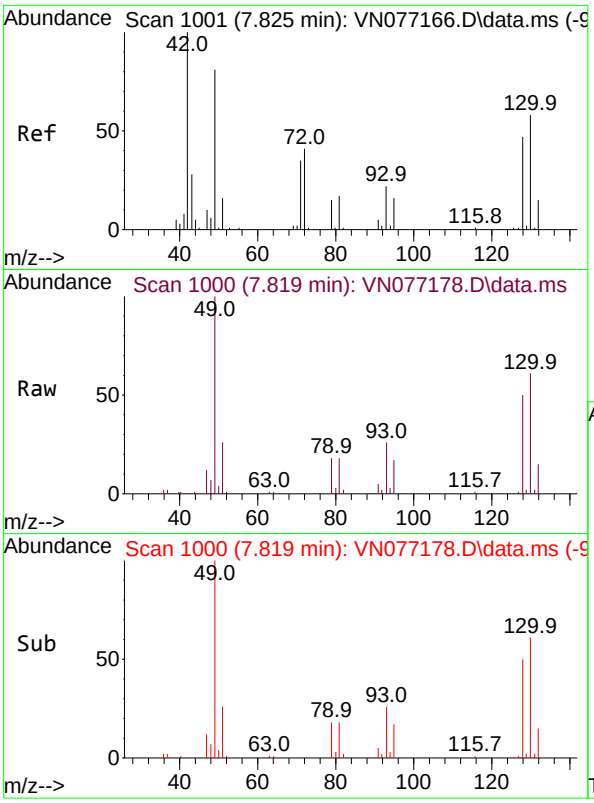


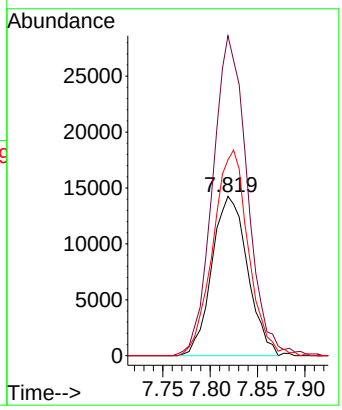


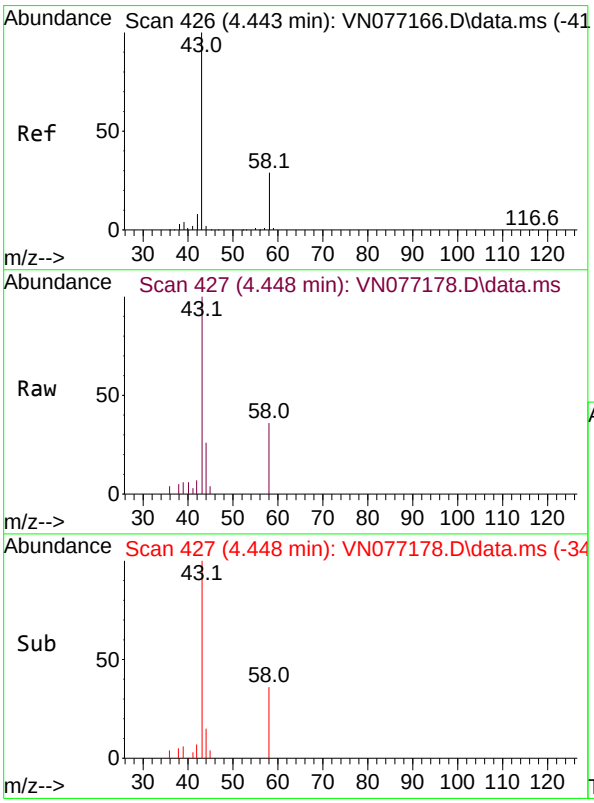
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN077178.D
Acq: 24 Mar 2023 14:13

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion:128 Resp: 37320

Ion	Ratio	Lower	Upper
128	100		
49	193.6	0.0	461.8
130	128.1	0.0	295.3

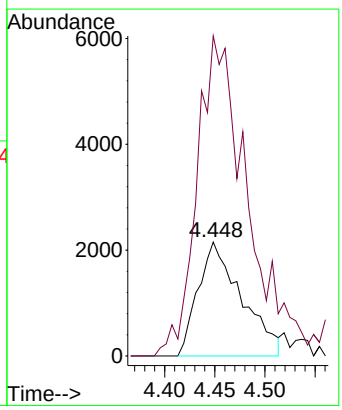


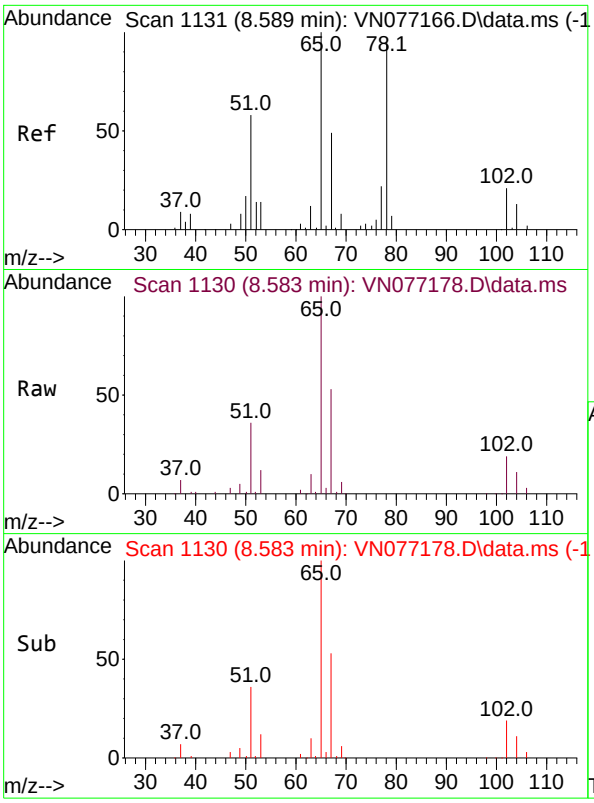


#15
Acetone
Concen: 9.820 ug/l
RT: 4.448 min Scan# 427
Delta R.T. 0.005 min
Lab File: VN077178.D
Acq: 24 Mar 2023 14:13

Tgt Ion: 58 Resp: 6522

Ion	Ratio	Lower	Upper
58	100		
43	266.0	255.4	383.0



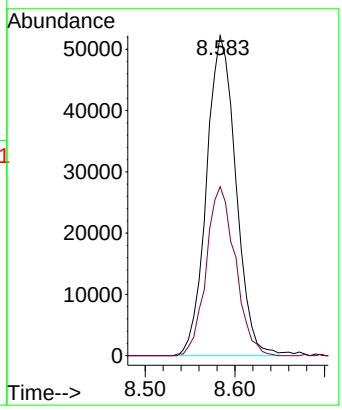


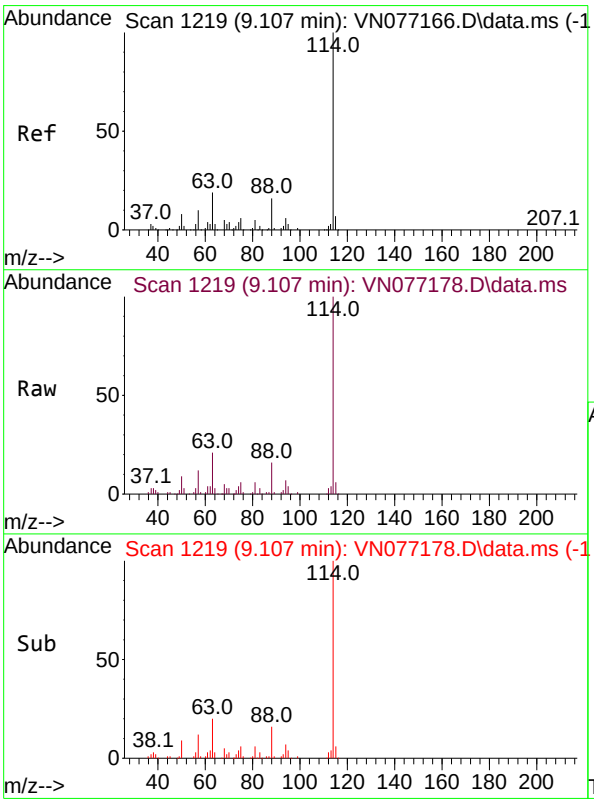
#27
1,2-Dichloroethane-d4
Concen: 31.274 ug/l
RT: 8.583 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN077178.D
Acq: 24 Mar 2023 14:13

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion: 65 Resp: 118530

Ion	Ratio	Lower	Upper
65	100		
67	52.4	40.9	61.3

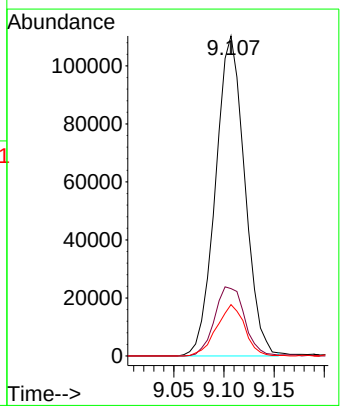


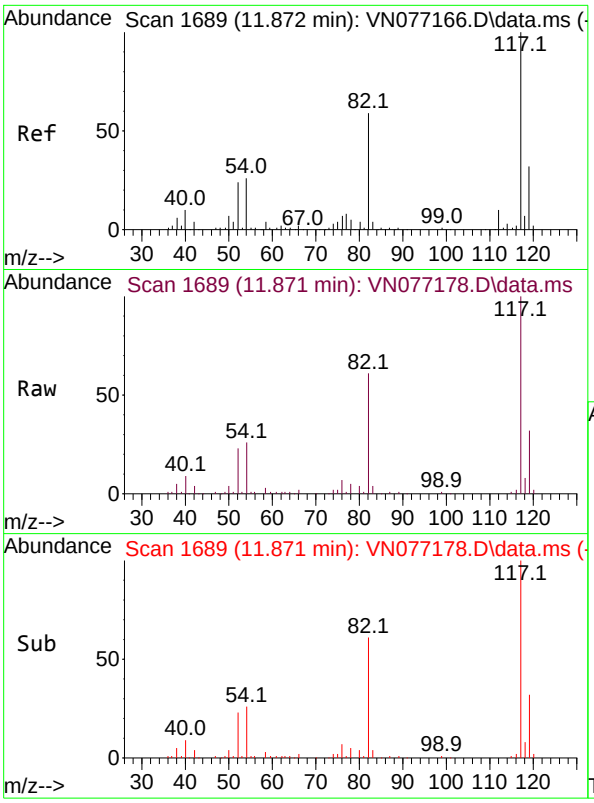


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN077178.D
Acq: 24 Mar 2023 14:13

Tgt Ion:114 Resp: 223643

Ion	Ratio	Lower	Upper
114	100		
63	22.1	17.0	25.4
88	15.4	11.6	17.4



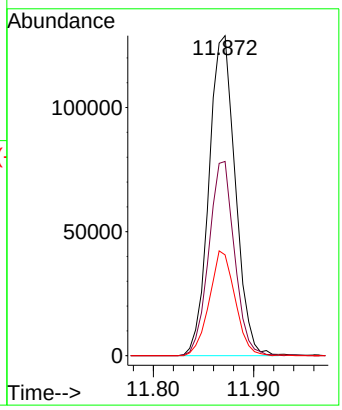


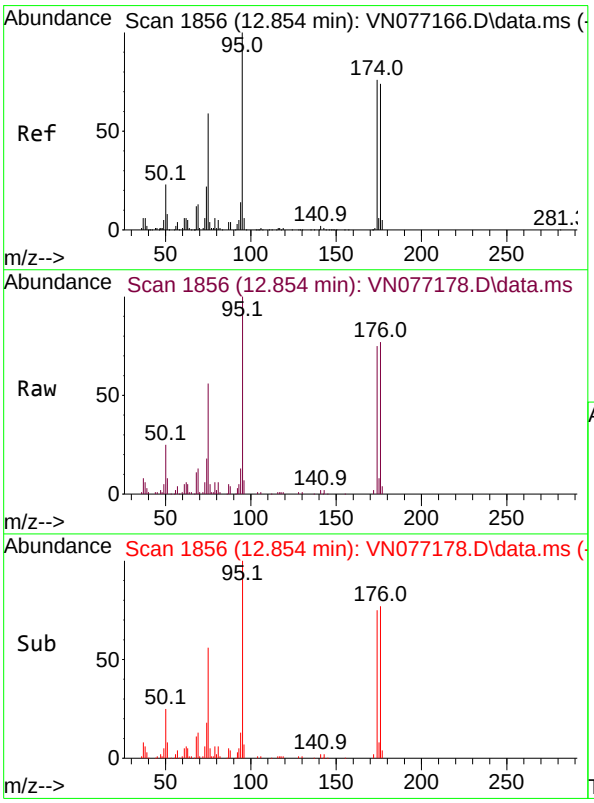
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN077178.D
Acq: 24 Mar 2023 14:13

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 234934

Ion	Ratio	Lower	Upper
117	100		
82	59.1	45.4	68.0
119	32.0	26.8	40.2

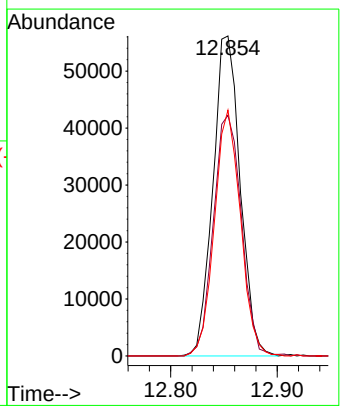


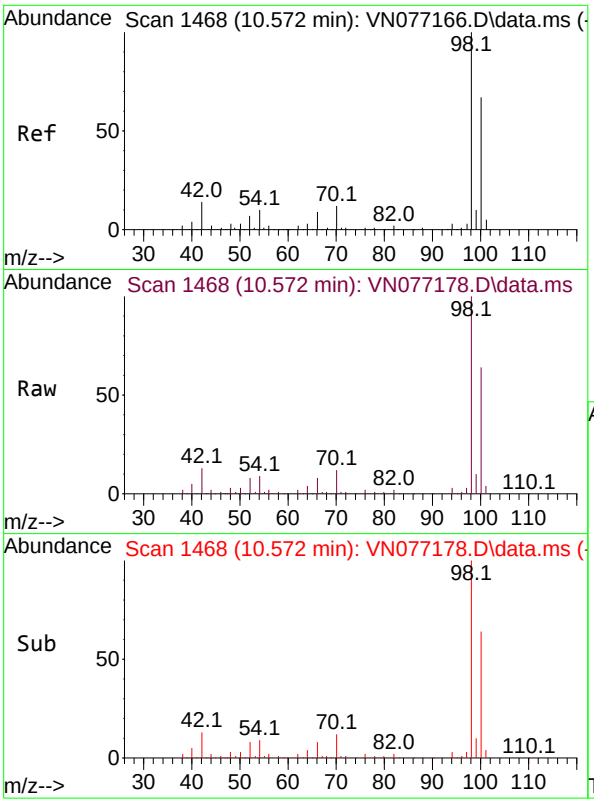


#60
4-Bromofluorobenzene
Concen: 23.645 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN077178.D
Acq: 24 Mar 2023 14:13

Tgt Ion: 95 Resp: 99796

Ion	Ratio	Lower	Upper
95	100		
174	77.4	64.2	96.4
176	73.6	61.4	92.0





#63
Toluene-d8
Concen: 29.918 ug/l
RT: 10.572 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN077178.D
Acq: 24 Mar 2023 14:13

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion: 98 Resp: 250905

Ion	Ratio	Lower	Upper
98	100		
100	62.9	53.8	80.6