Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121421\
Data File : VL038179.D
Acq On : 15 Dec 2021 8:23
Operator : SY/AP
Sample : VIBLK
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VIBLK

Quant Time: Dec 15 13:35:15 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Nov 18 13:16:09 2021
QLast Update : Thu Nov 18 13:16:09 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.63	49	811151	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.13	114	2612907	10.00	ppbv	-0.05
55) Chlorobenzene-d5	12.03	117	2266058	10.00	ppbv	-0.05
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.36	95	1764857	10.80	ppbv	-0.05
Spiked Amount 10.000	Range 65 - 135		Recovery = 108.00%			
Target Compounds						Qvalue
15) Acetone	3.85	43	16000	0.228	ppbv	# 78
20) Methylene Chloride	4.31	84	12329	0.313	ppbv	# 80

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

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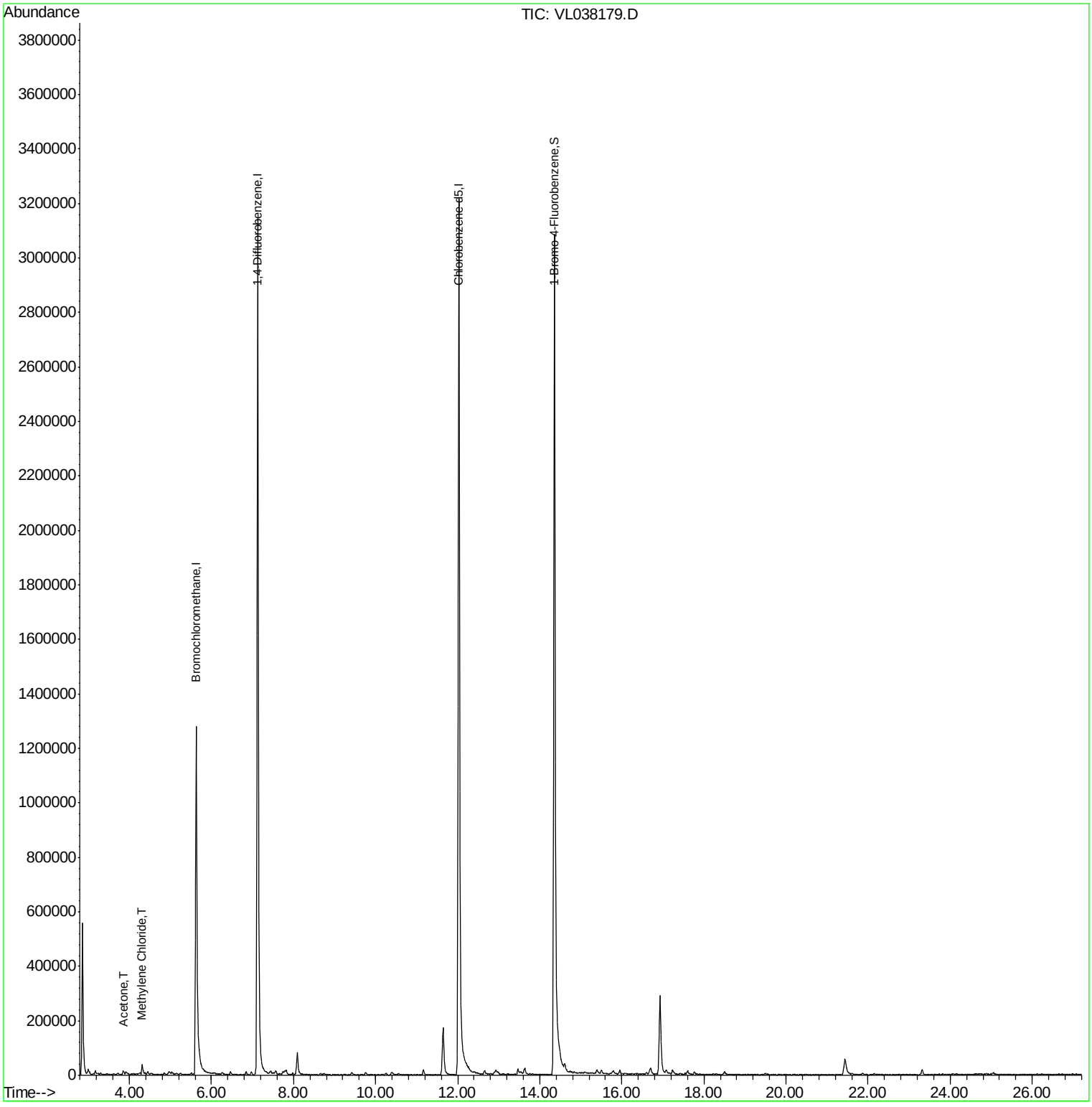
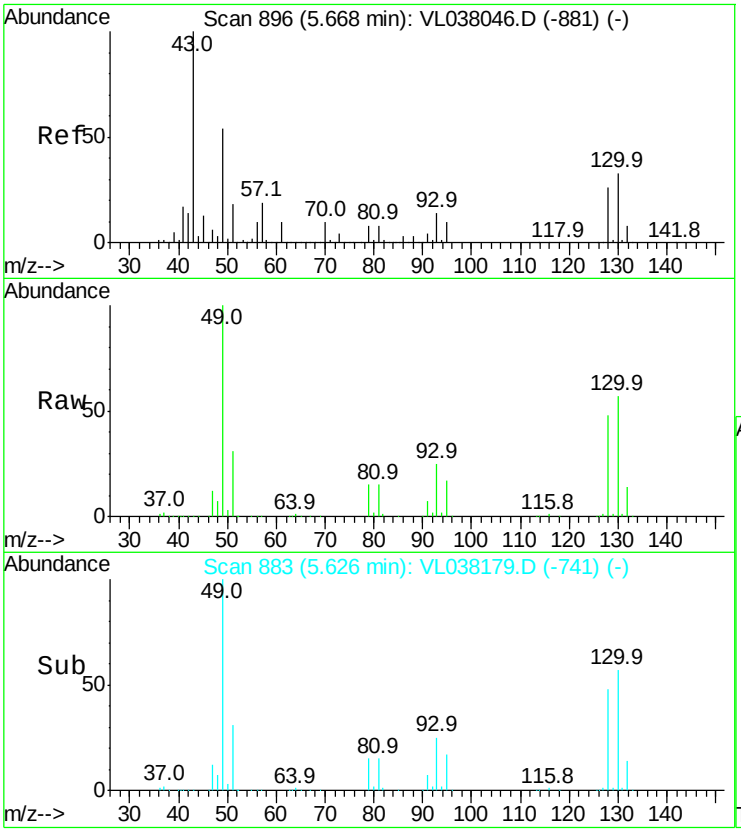


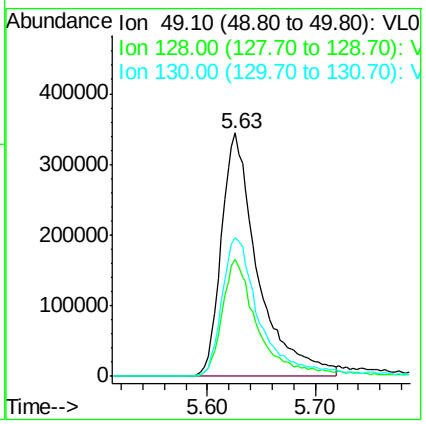


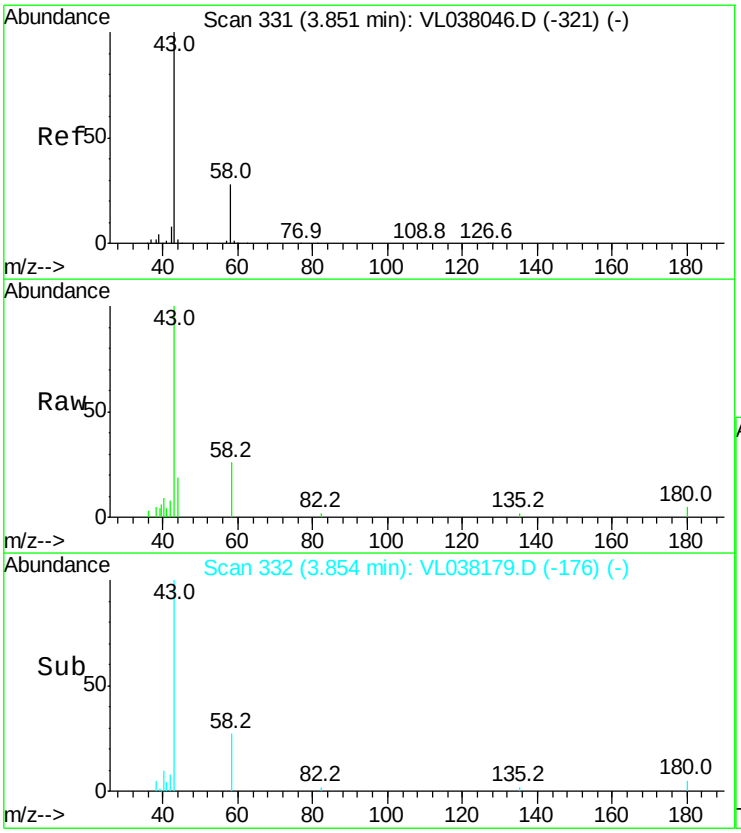
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.63
Delta R.T
Lab File:
Acq: 15 Dec 2021 8:23

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 49 Resp: 811151

Ion	Ratio	Lower	Upper
49	100		
128	48.6	26.5	79.5
130	62.2	32.5	97.4

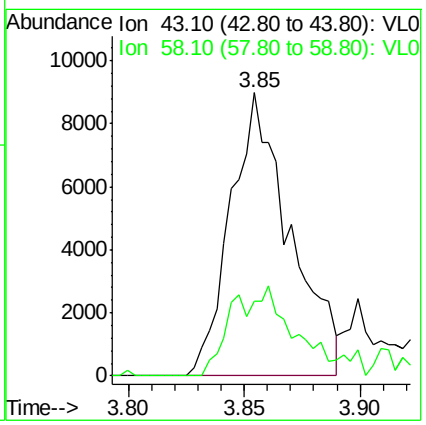


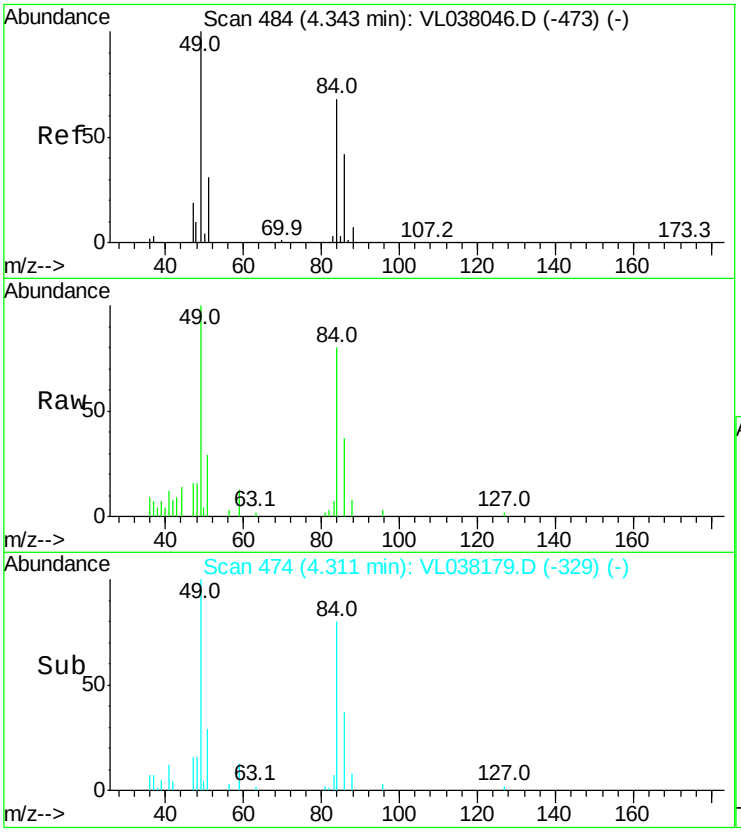


#15
Acetone
Concen: 0.228 ppbv
RT: 3.85 min Scan# 332
Delta R.T. 0.00 min
Lab File: VL038179.D
Acq: 15 Dec 2021 8:23

Tgt Ion: 43 Resp: 16000

Ion	Ratio	Lower	Upper
43	100		
58	39.4	22.4	33.6#



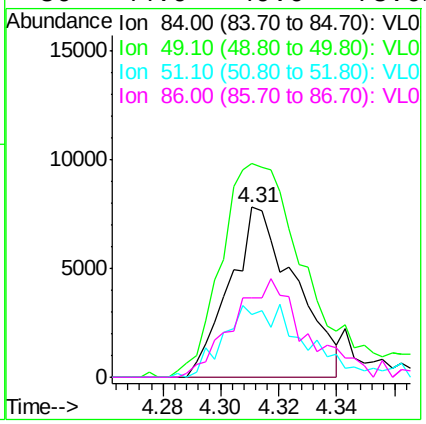


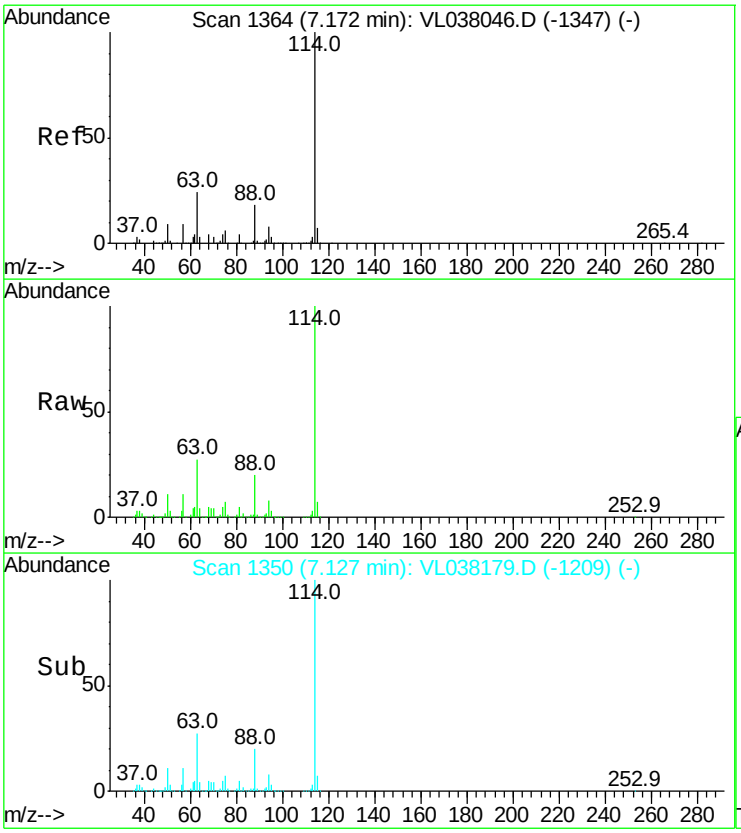
#20
Methylene Chloride
Concen: 0.313 ppbv
RT: 4.31
Delta R.T
Lab File:
Acq: 15 Dec 2021 8:23

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 84 Resp: 12329

Ion	Ratio	Lower	Upper
84	100		
49	122.0	118.2	177.2
51	36.6	36.8	55.2#
86	44.9	49.0	73.6#

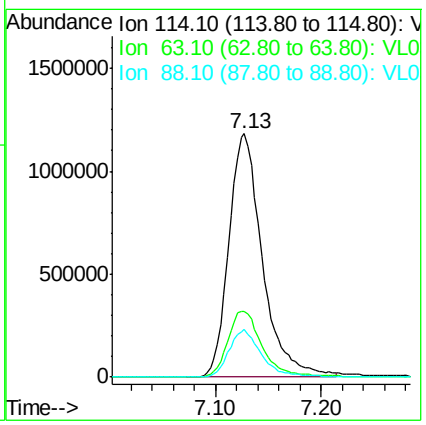


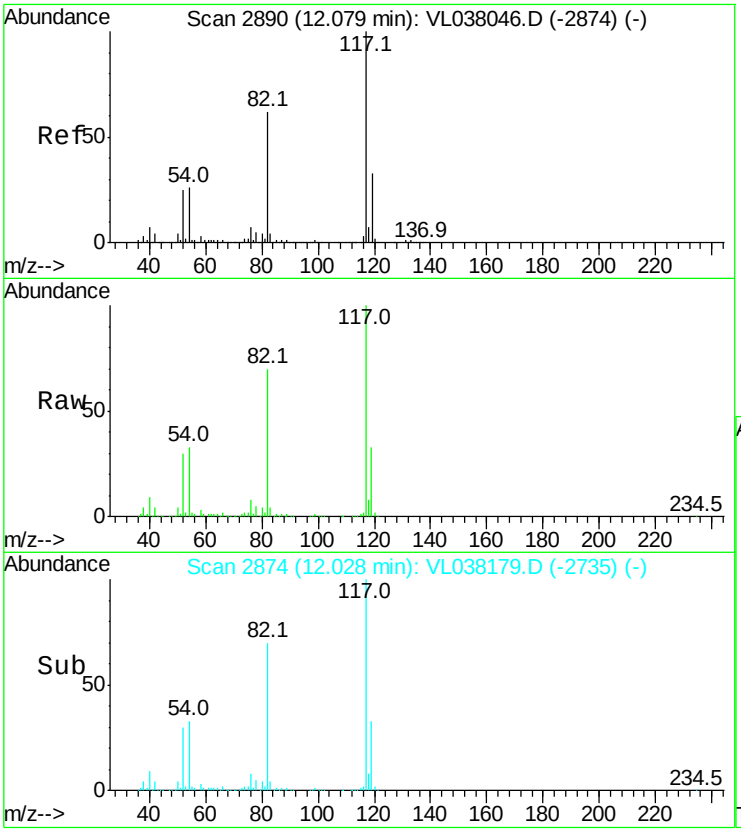


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. -0.05 min
Lab File: VL038179.D
Acq: 15 Dec 2021 8:23

Tgt Ion:114 Resp: 2612907

Ion	Ratio	Lower	Upper
114	100		
63	28.0	19.7	29.5
88	19.3	14.4	21.6



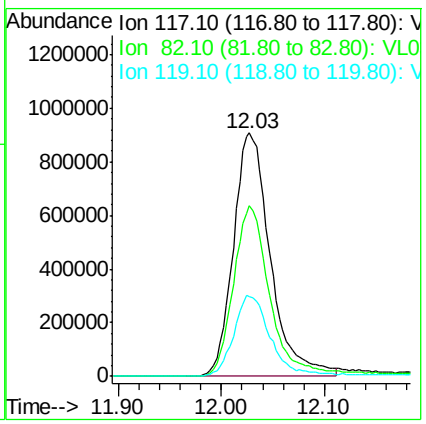


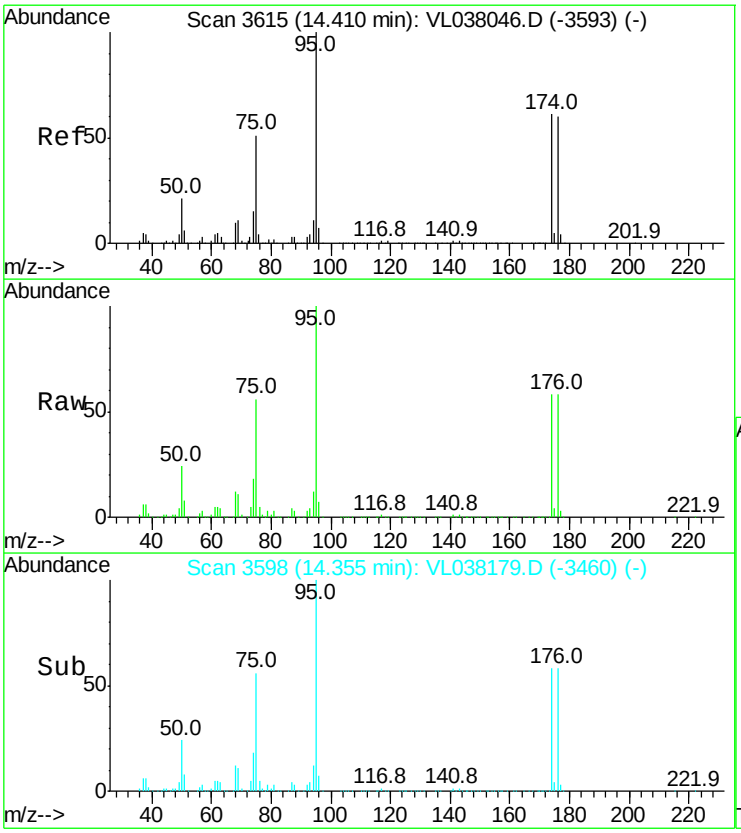
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.03
Delta R.T
Lab File:
Acq: 15 Dec 2021 8:23

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 2266058

Ion	Ratio	Lower	Upper
117	100		
82	71.2	52.8	79.2
119	34.5	26.8	40.2





#68
1-Bromo-4-Fluorobenzene
Concen: 10.797 ppbv
RT: 14.36 min Scan# 3598
Delta R.T. -0.05 min
Lab File: VL038179.D
Acq: 15 Dec 2021 8:23

Tgt Ion: 95 Resp: 1764857

Ion	Ratio	Lower	Upper
95	100		
174	61.9	53.1	79.7
175	4.5	4.0	6.0