Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL040521\
Data File : VL036697.D
Acq On : 6 Apr 2021 10:29
Operator : SY/AP
Sample : VIBLK
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VIBLK

Quant Time: Apr 06 11:49:50 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Mar 25 09:42:40 2021
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1270235	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3186871	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2779413	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	2218565	10.02	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.20%			
Target Compounds						Qvalue
15) Acetone	3.87	43	59531m	0.476	ppbv	
20) Methylene Chloride	4.34	84	13331m	0.228	ppbv	

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

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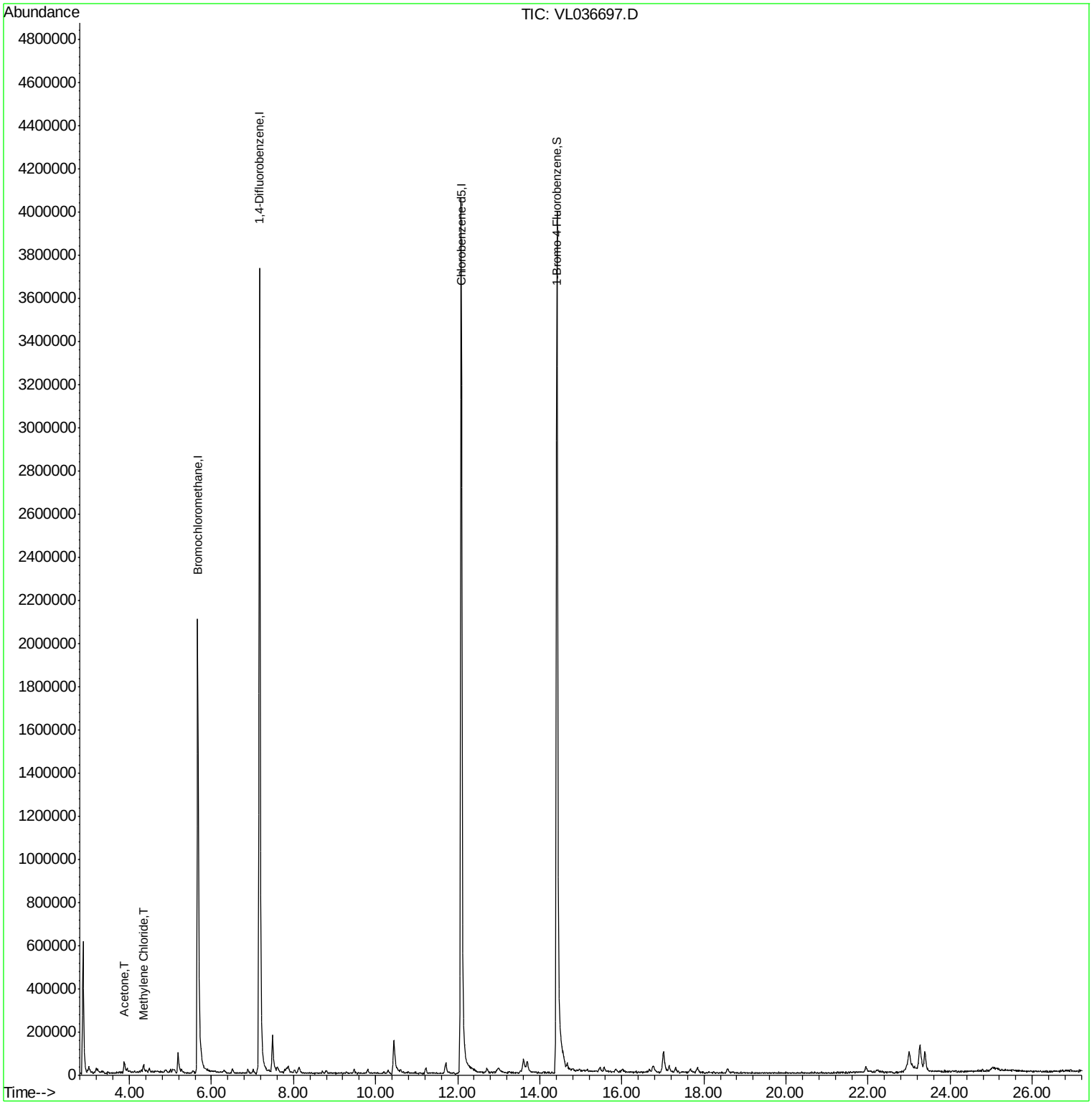
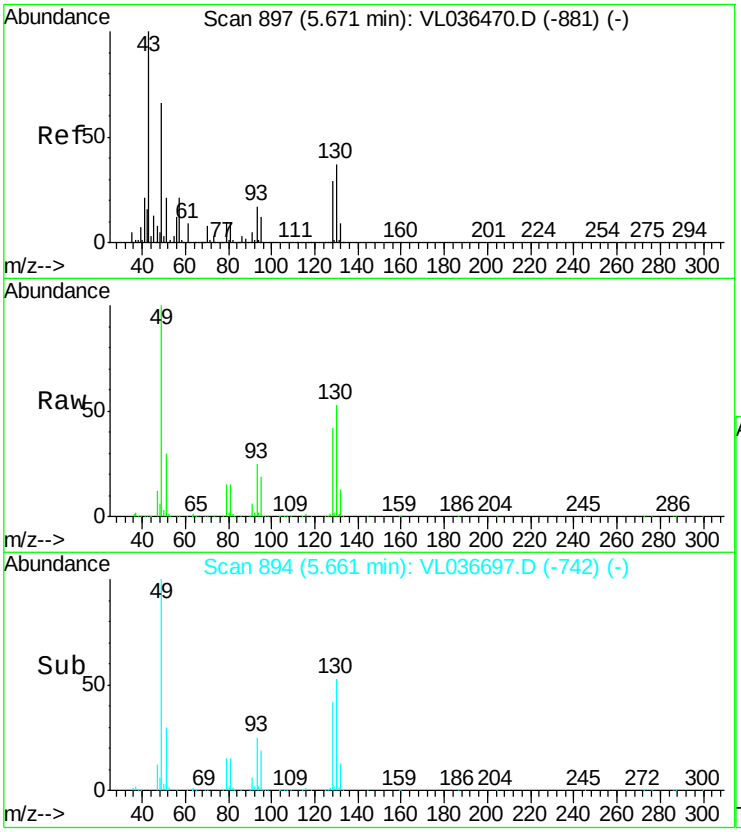


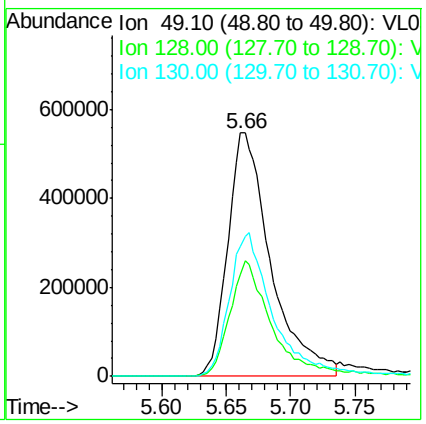


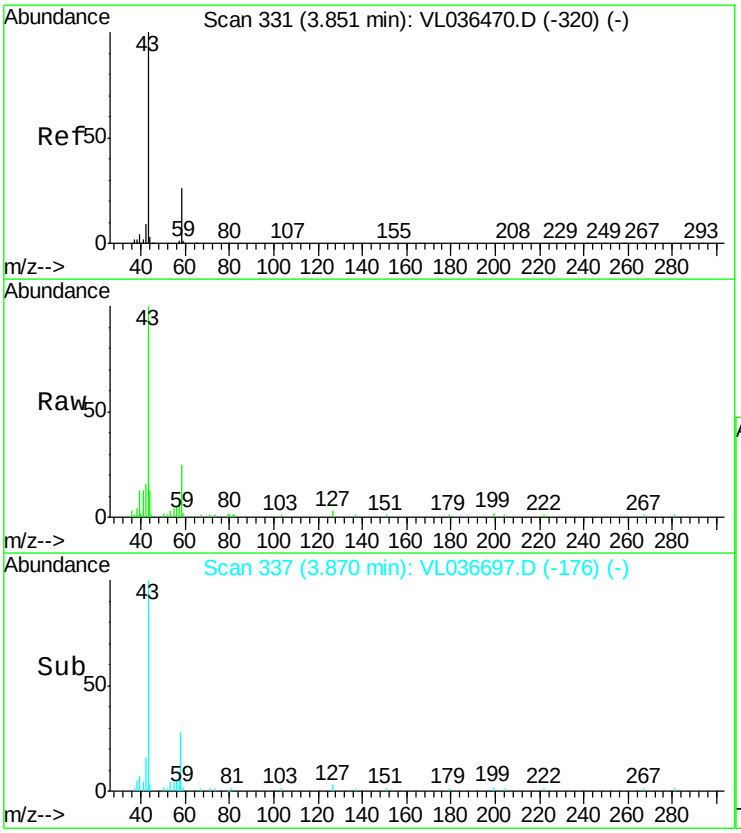
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.01 min
Lab File: VL036697.D
Acq: 6 Apr 2021 10:29

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 49 Resp: 1270235

Ion	Ratio	Lower	Upper
49	100		
128	47.9	23.5	70.6
130	61.0	29.1	87.4

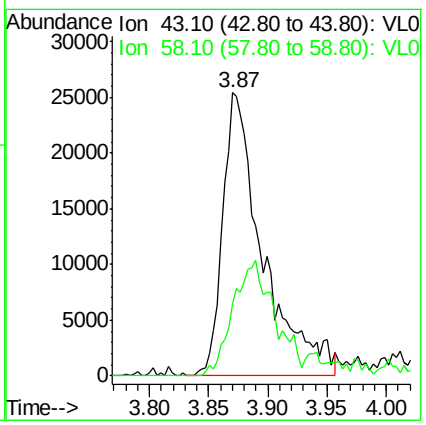


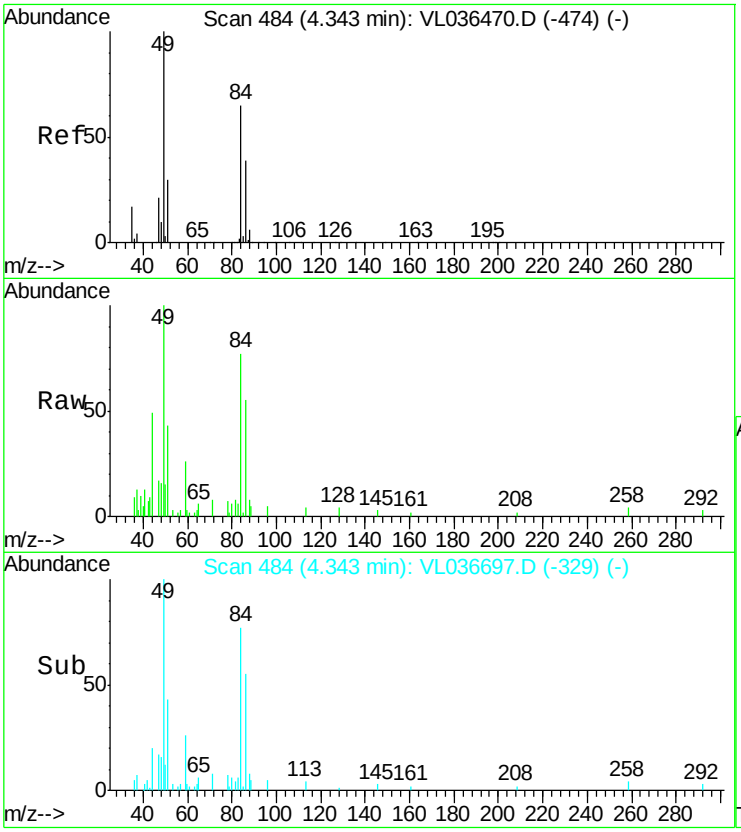


#15
Acetone
Concen: 0.476 ppbv m
RT: 3.87 min Scan# 337
Delta R.T. 0.02 min
Lab File: VL036697.D
Acq: 6 Apr 2021 10:29

Tgt Ion: 43 Resp: 59531

Ion	Ratio	Lower	Upper
43	100		
58	0.0	21.2	31.8#



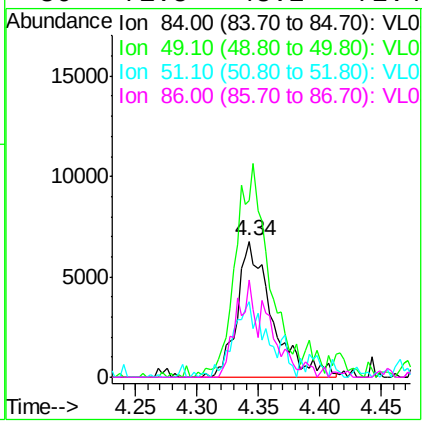


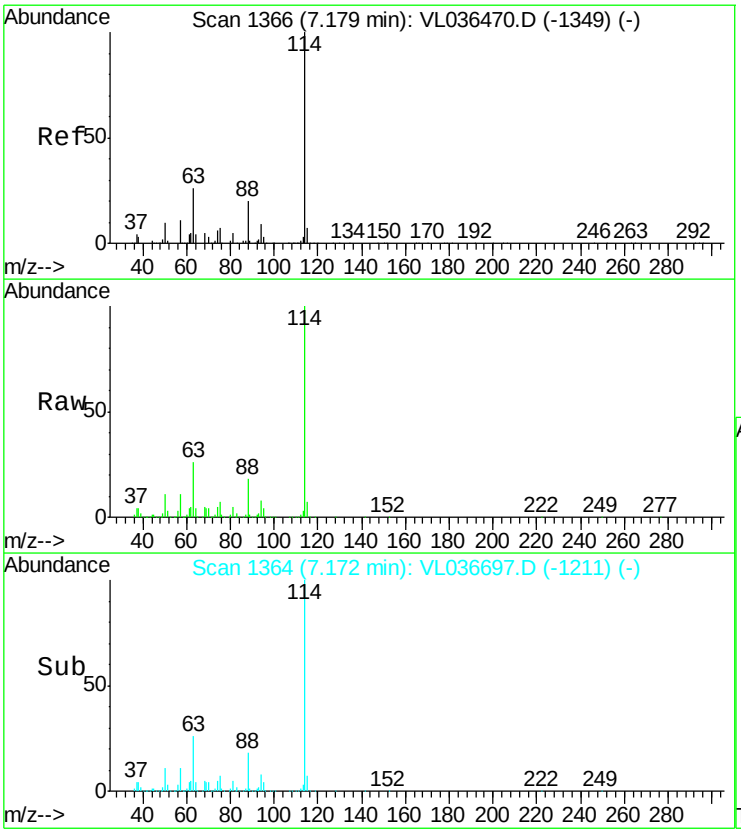
#20
Methylene Chloride
Concen: 0.228 ppbv m
RT: 4.34 min Scan# 484
Delta R.T. -0.00 min
Lab File: VL036697.D
Acq: 6 Apr 2021 10:29

Instrument : MSVOA_L
ClientSampleId : VIBLK

Tgt Ion: 84 Resp: 13331

Ion	Ratio	Lower	Upper
84	100		
49	129.4	122.9	184.3
51	55.4	36.9	55.3#
86	71.5	48.2	72.4

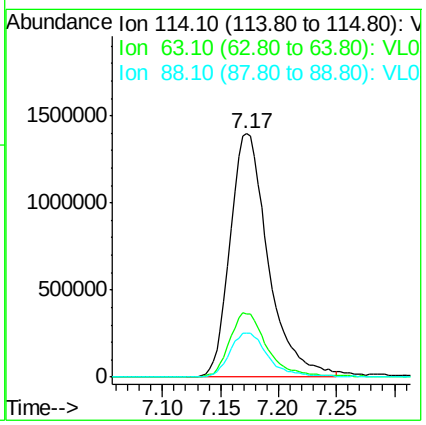


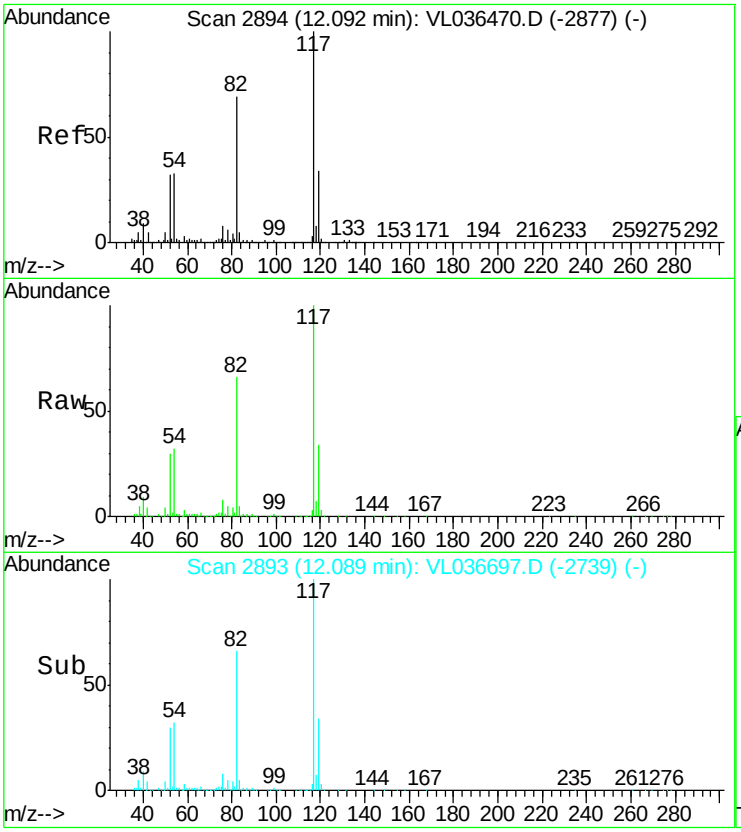


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.01 min
Lab File: VL036697.D
Acq: 6 Apr 2021 10:29

Tgt Ion:114 Resp: 3186871

Ion	Ratio	Lower	Upper
114	100		
63	26.5	22.4	33.6
88	18.6	15.4	23.0



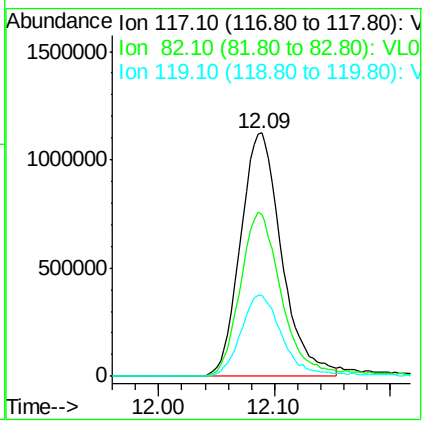


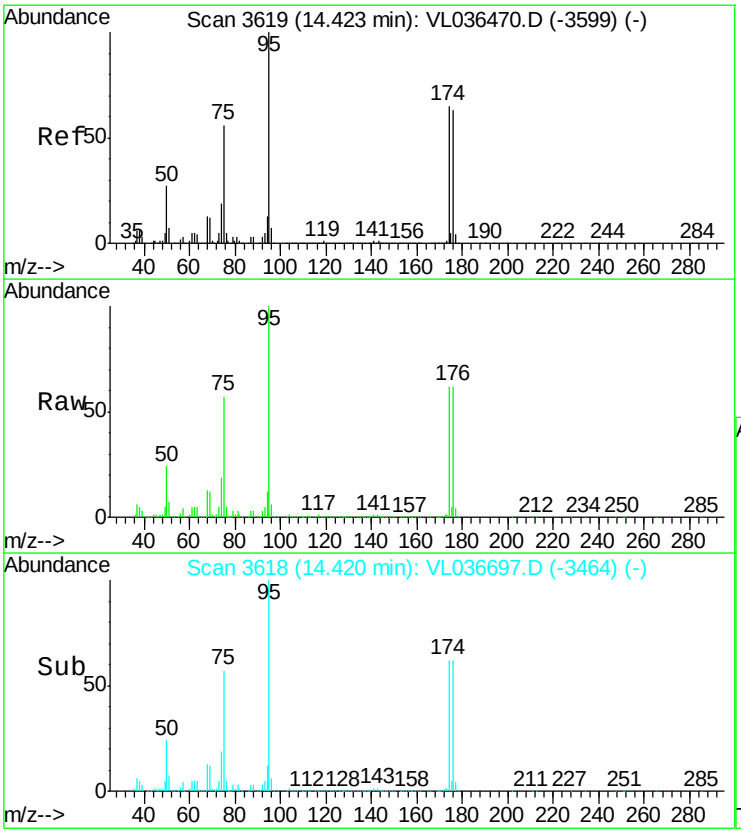
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. -0.00 min
Lab File: VL036697.D
Acq: 6 Apr 2021 10:29

Instrument : MSVOA_L
ClientSampleId : VIBLK

Tgt Ion:117 Resp: 2779413

Ion	Ratio	Lower	Upper
117	100		
82	69.5	57.4	86.0
119	34.3	47.4	71.0#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.015 ppbv
RT: 14.42 min Scan# 3618
Delta R.T. -0.00 min
Lab File: VL036697.D
Acq: 6 Apr 2021 10:29

Tgt Ion: 95 Resp: 2218565

Ion	Ratio	Lower	Upper
95	100		
174	67.2	51.0	76.6
175	5.1	3.9	5.9