Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL021419\
Data File : VL033223.D
Acq On : 15 Feb 2019 9:07
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VIBLK

Quant Time: Feb 16 04:20:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL020519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 06 09:13:11 2019
QLast Update : Wed Feb 06 09:13:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	737517	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1633392	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.24	117	2412837	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	1537444	8.27	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 82.70%			
Target Compounds						Qvalue
15) Acetone	3.92	43	14936m	0.180	ppbv	
20) Methylene Chloride	4.40	84	5919m	0.179	ppbv	

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

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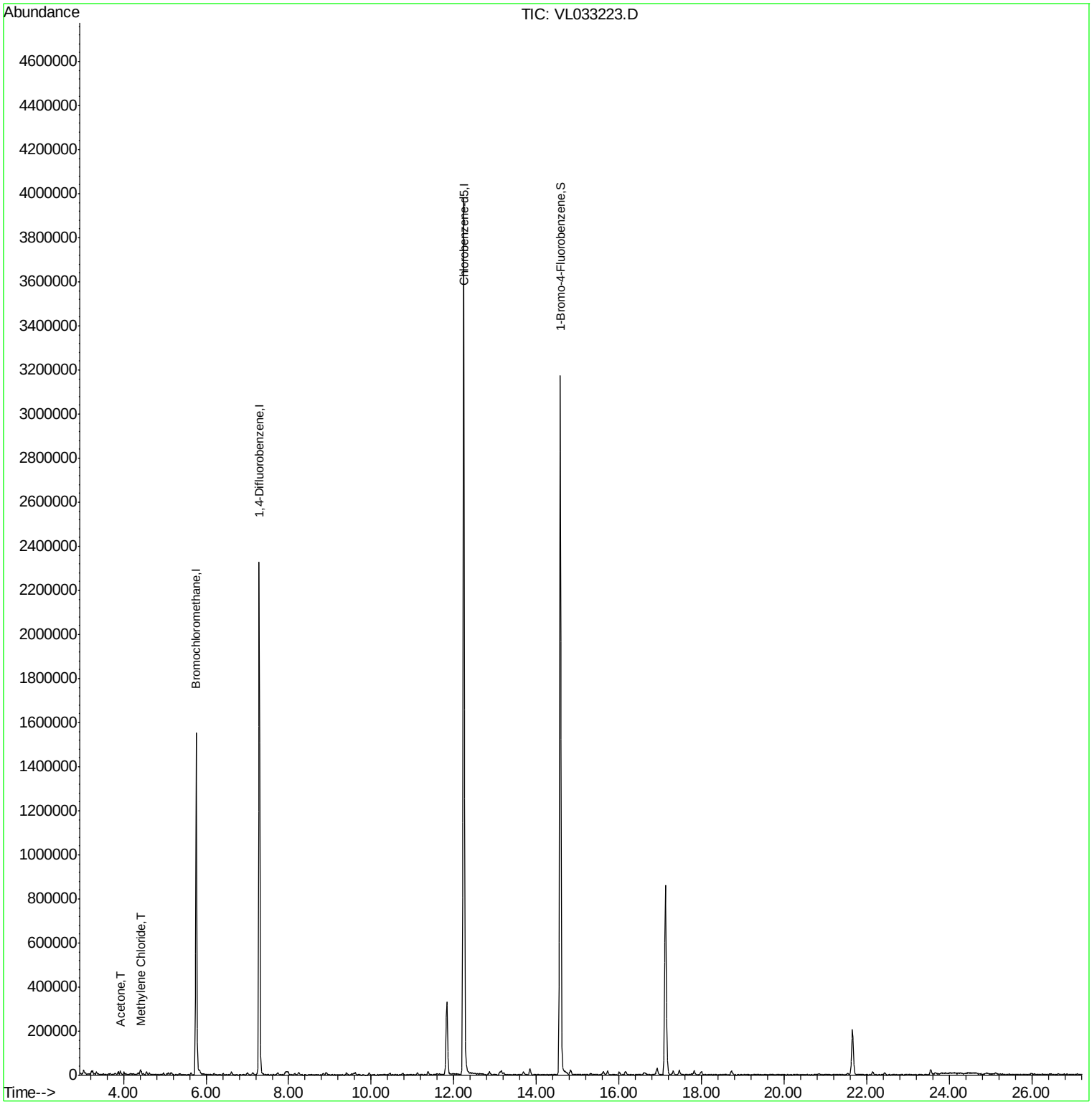
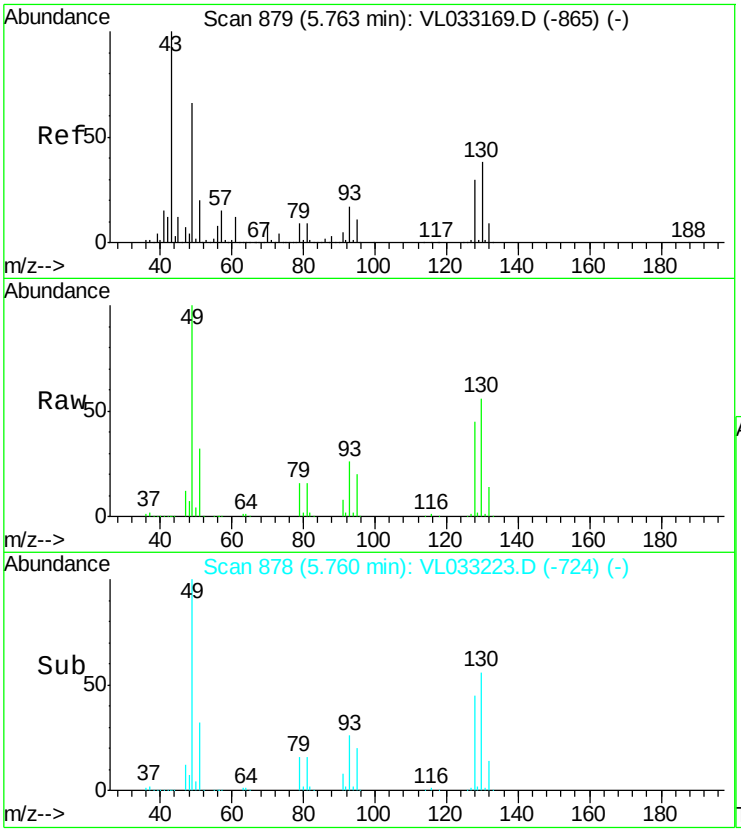


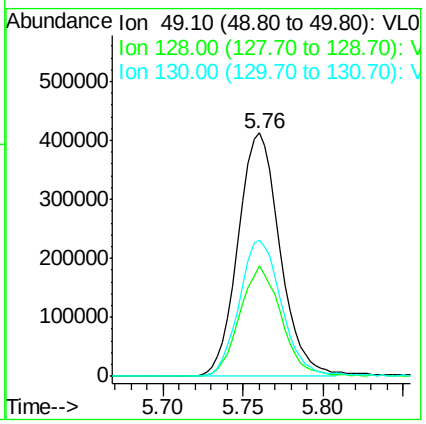


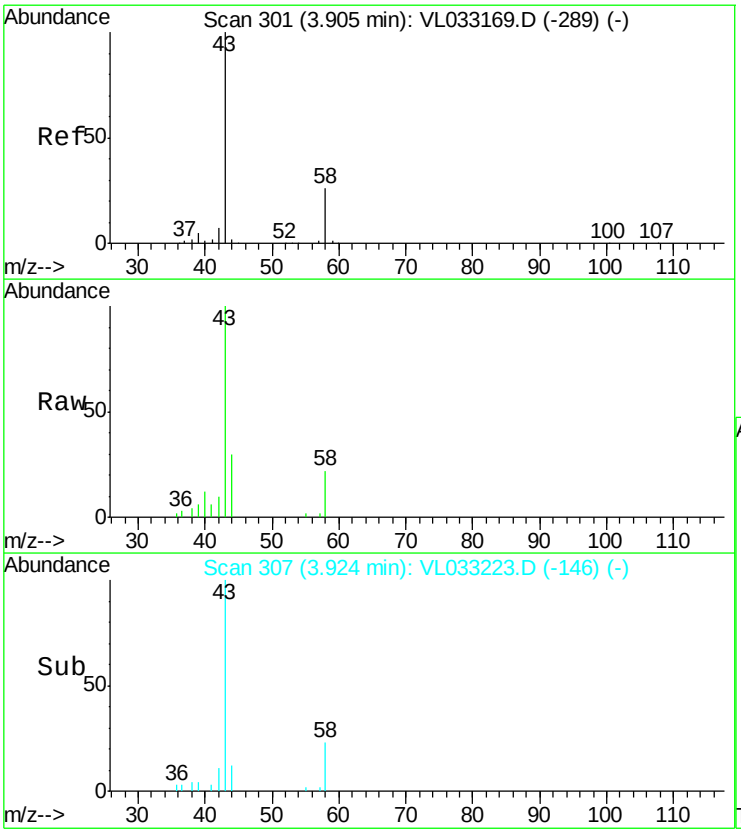
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 878
Delta R.T. -0.00 min
Lab File: VL033223.D
Acq: 15 Feb 2019 9:07

Instrument : MSVOA_L
ClientSampleId : VIBLK

Tgt Ion: 49 Resp: 737517

Ion	Ratio	Lower	Upper
49	100		
128	45.2	23.6	71.0
130	57.3	30.3	91.0

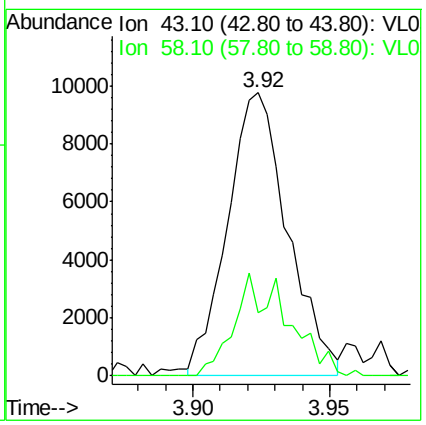


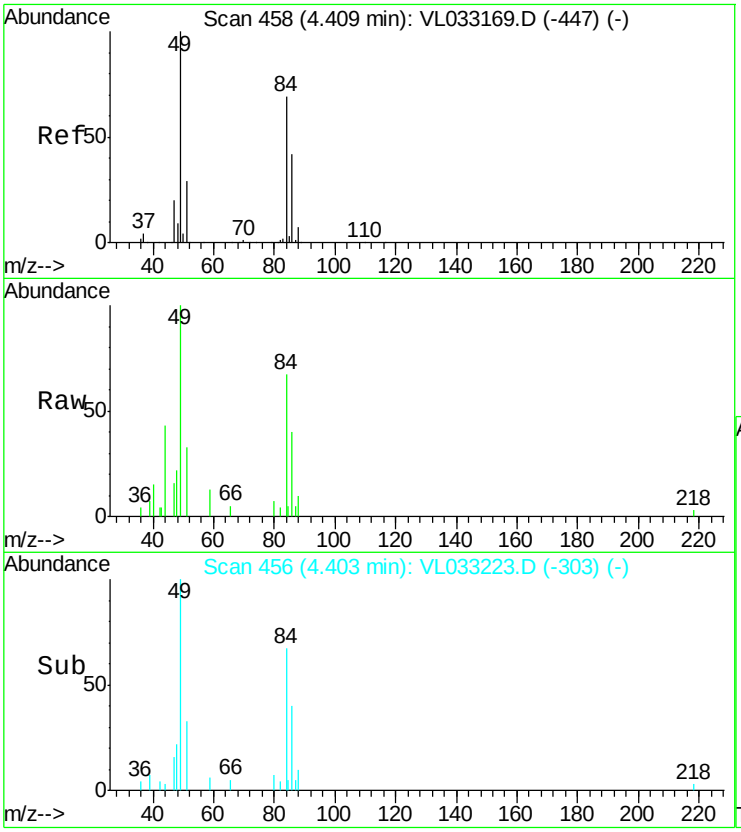


#15
Acetone
Concen: 0.180 ppbv m
RT: 3.92 min Scan# 307
Delta R.T. 0.02 min
Lab File: VL033223.D
Acq: 15 Feb 2019 9:07

Tgt Ion: 43 Resp: 14936

Ion	Ratio	Lower	Upper
43	100		
58	0.0	21.1	31.7#



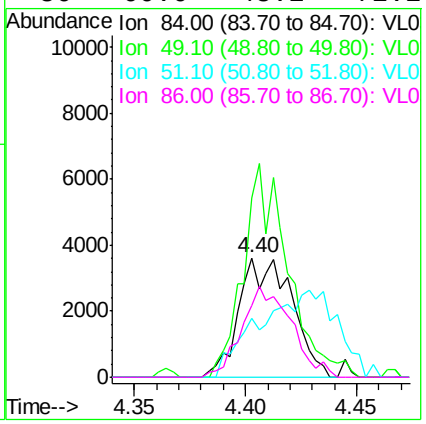


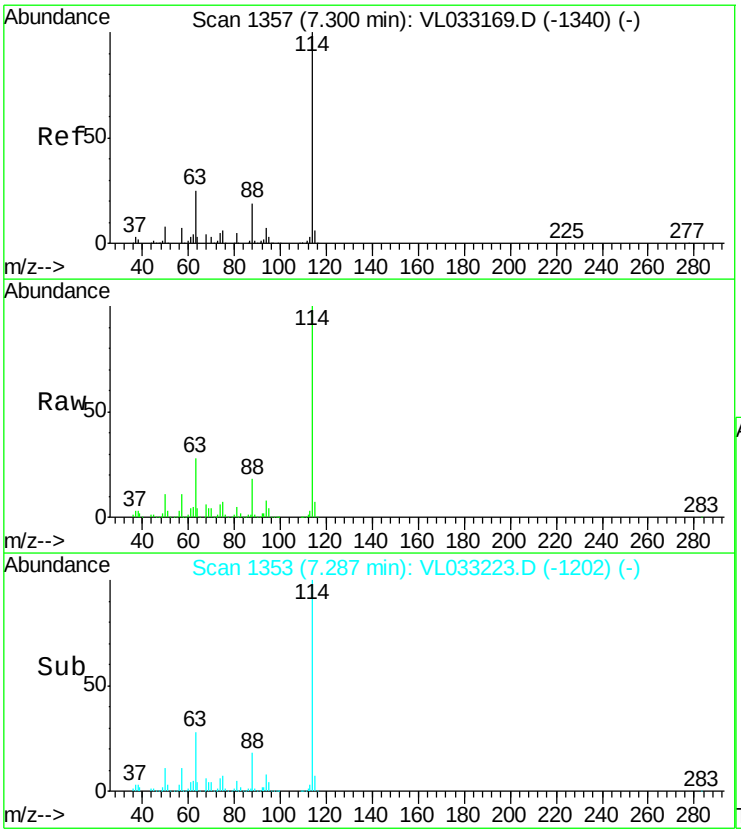
#20
Methylene Chloride
Concen: 0.179 ppbv m
RT: 4.40 min Scan# 456
Delta R.T. -0.01 min
Lab File: VL033223.D
Acq: 15 Feb 2019 9:07

Instrument : MSVOA_L
ClientSampleId : VIBLK

Tgt Ion: 84 Resp: 5919

Ion	Ratio	Lower	Upper
84	100		
49	149.4	115.8	173.8
51	49.6	33.0	49.6
86	60.0	48.2	72.2

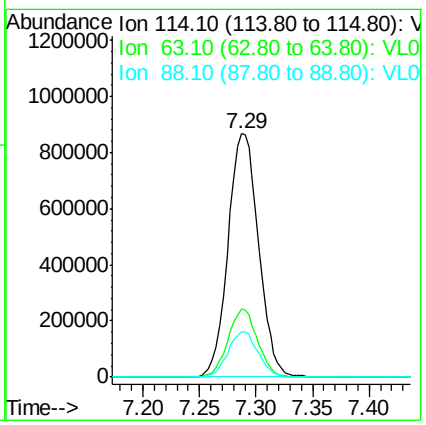


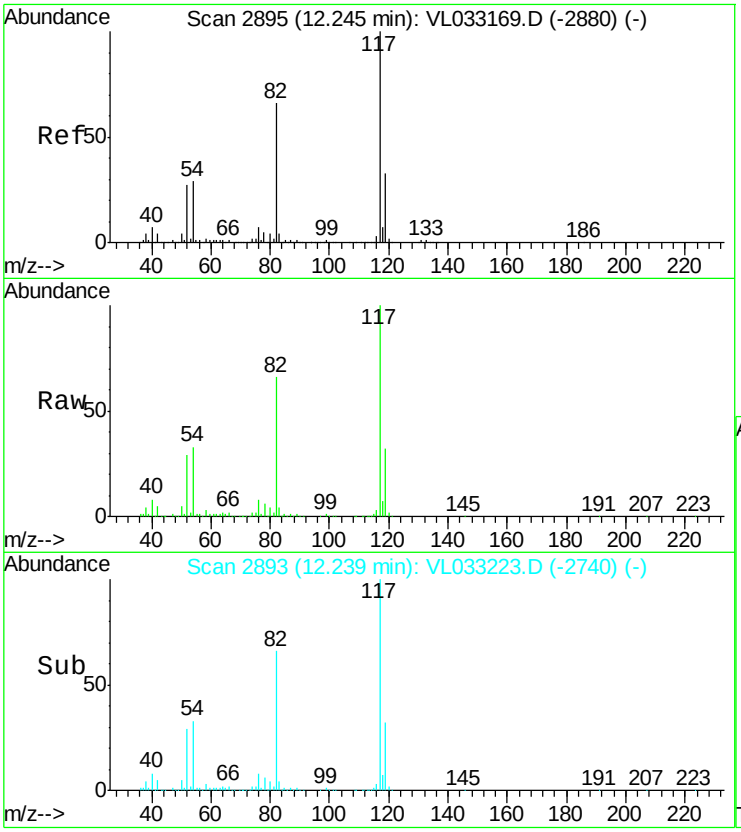


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.01 min
Lab File: VL033223.D
Acq: 15 Feb 2019 9:07

Tgt Ion:114 Resp: 1633392

Ion	Ratio	Lower	Upper
114	100		
63	27.2	20.8	31.2
88	18.3	14.6	22.0



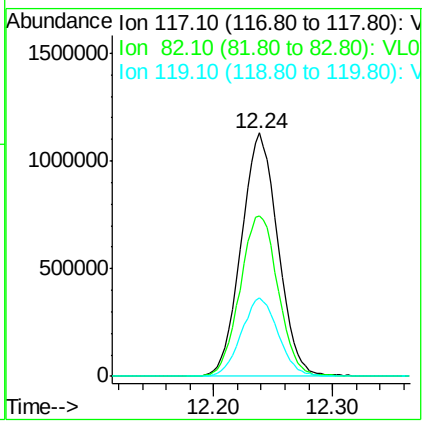


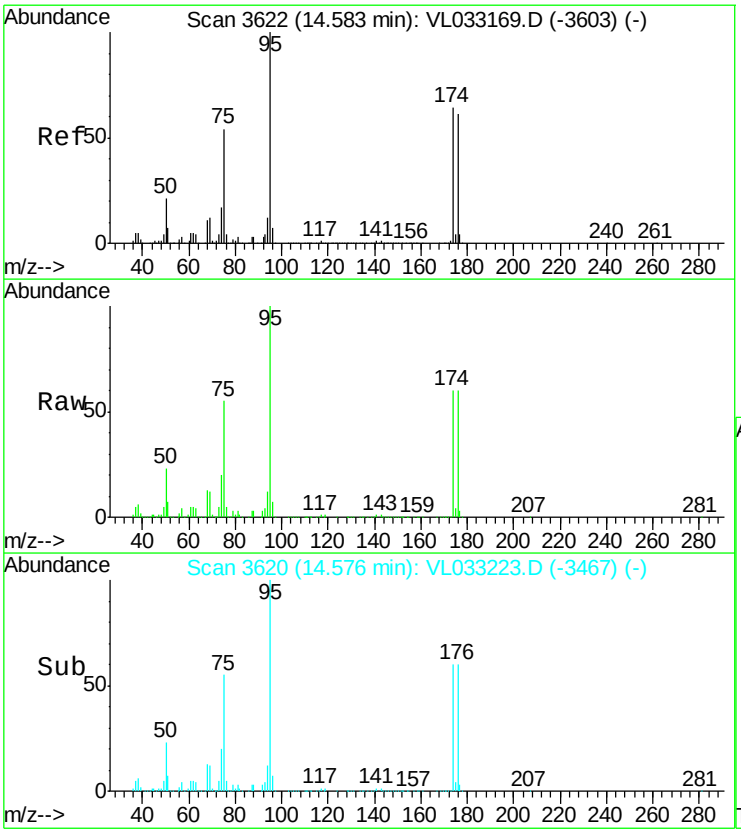
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2893
Delta R.T. -0.01 min
Lab File: VL033223.D
Acq: 15 Feb 2019 9:07

Instrument : MSVOA_L
ClientSampleId : VIBLK

Tgt Ion:117 Resp: 2412837

Ion	Ratio	Lower	Upper
117	100		
82	68.7	49.5	74.3
119	32.4	24.4	36.6





#68
1-Bromo-4-Fluorobenzene
Concen: 8.274 ppbv
RT: 14.58 min Scan# 3620
Delta R.T. -0.01 min
Lab File: VL033223.D
Acq: 15 Feb 2019 9:07

Tgt Ion: 95 Resp: 1537444

Ion	Ratio	Lower	Upper
95	100		
174	62.7	51.2	76.8
175	4.7	3.8	5.6