Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120820\
Data File : VL036123.D
Acq On : 9 Dec 2020 9:20
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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12/11/2020 12:24:16 PM

Quant Time: Dec 10 00:37:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Dec 0
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1303112	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.19	114	2622712	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.10	117	2343465	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.43	95	2022868	10.87	ppbv	-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 108.70%			
Target Compounds						Qvalue
15) Acetone	3.88	43	21651m	0.138	ppbv	

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

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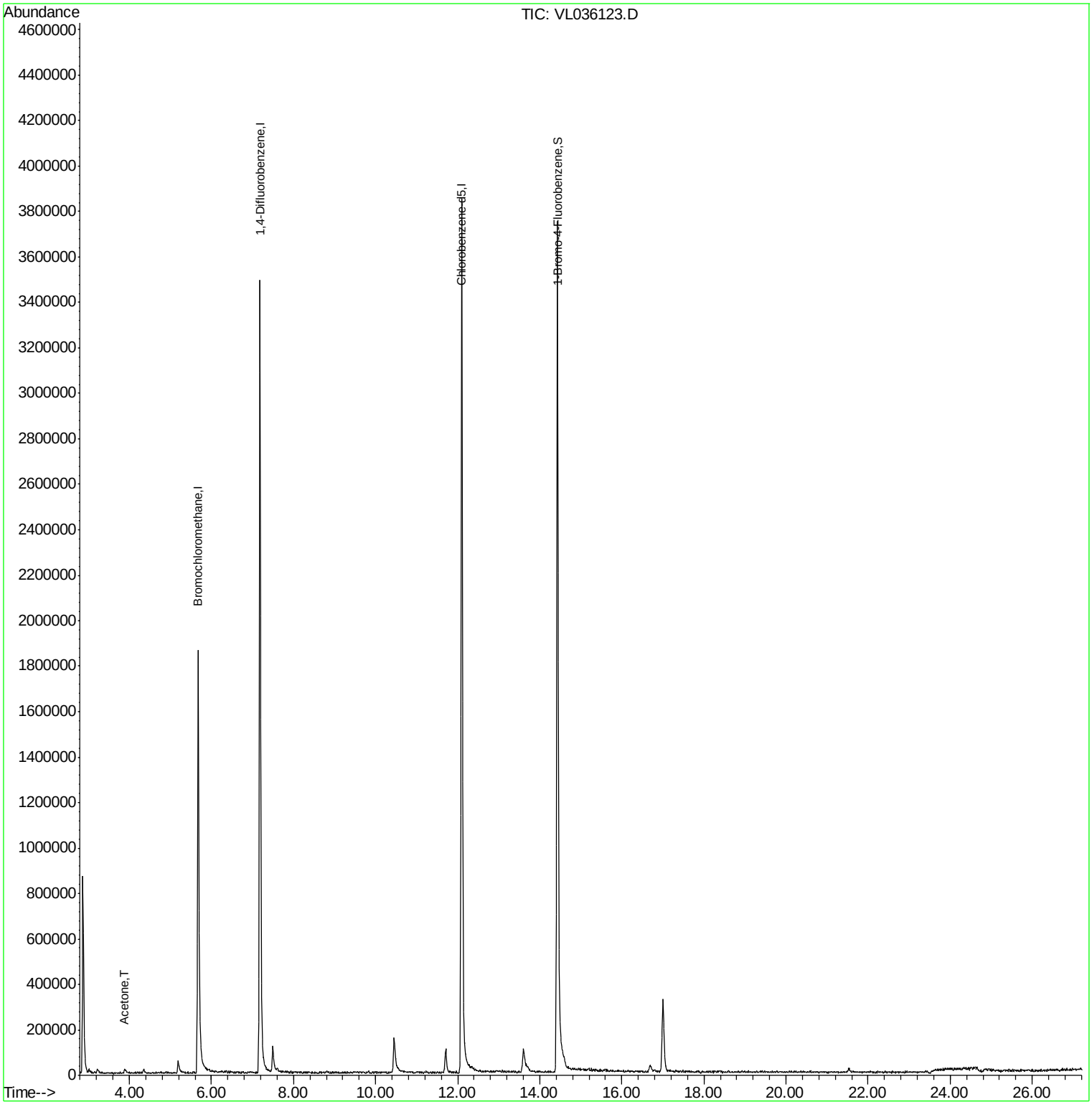
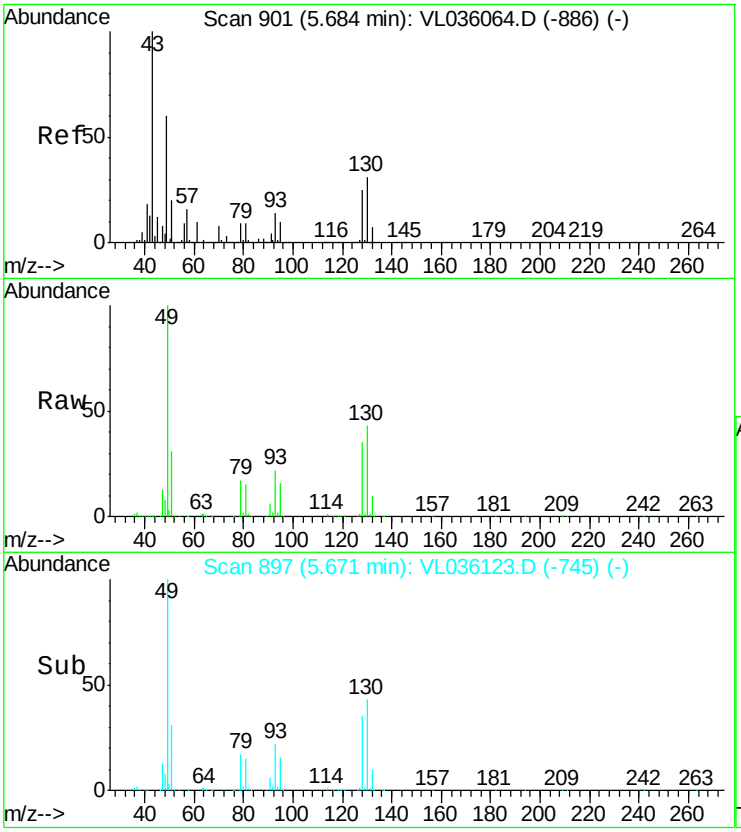
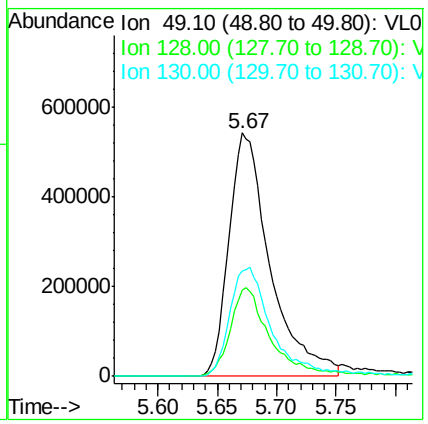




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.01 min
Lab File: VL036123.D
Acq: 9 Dec 2020 9:20

Tgt Ion: 49 Resp: 1303112

Ion	Ratio	Lower	Upper
49	100		
128	36.5	21.1	63.1
130	47.0	27.1	81.3



Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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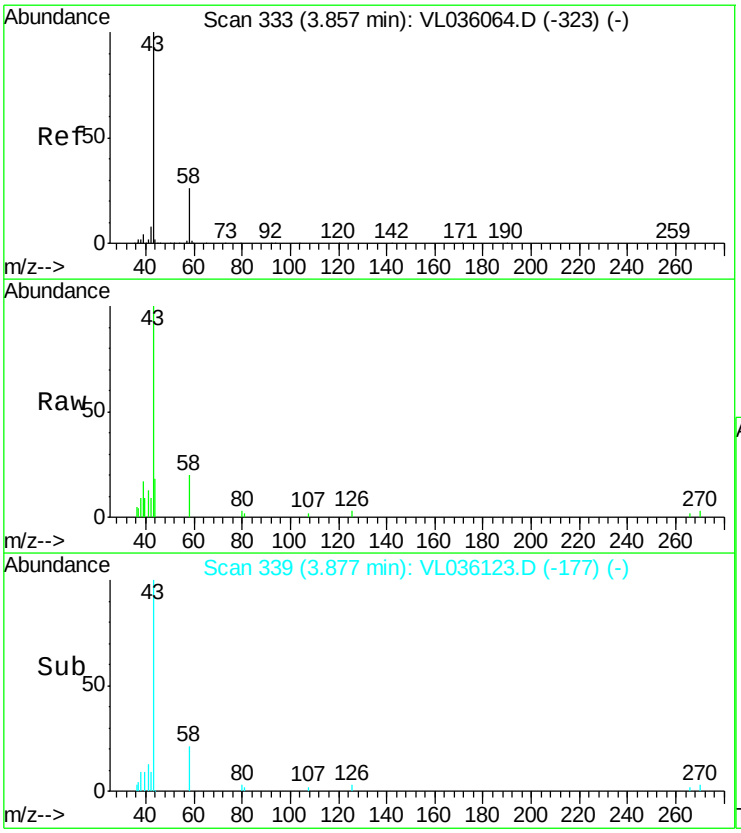
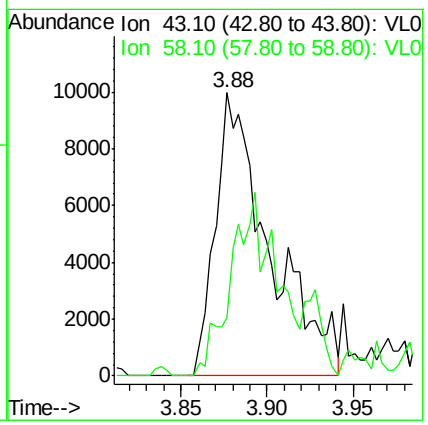
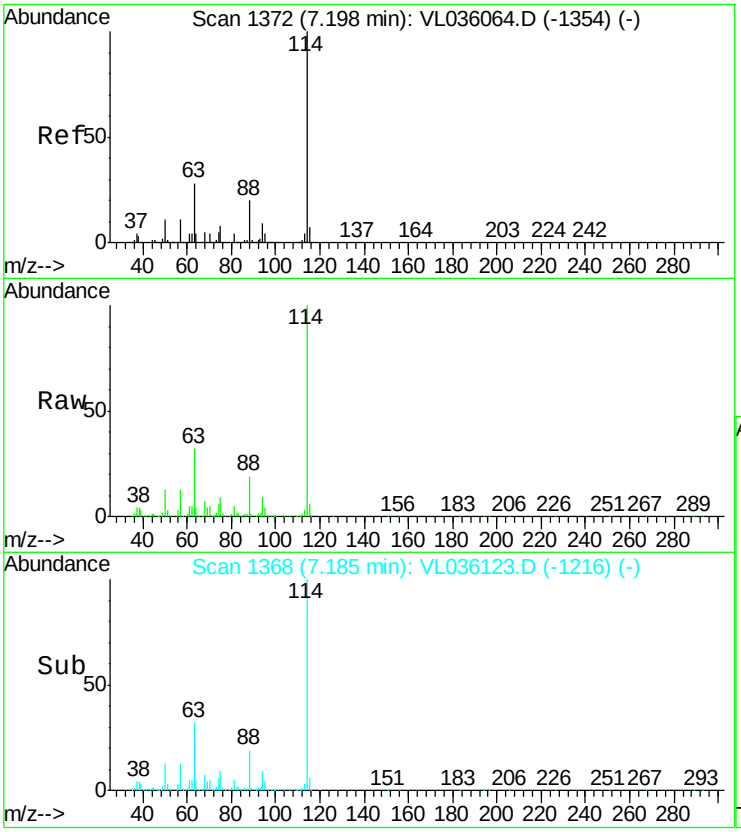


#15
Acetone
Concen: 0.138 ppbv m
RT: 3.88 min Scan# 339
Delta R.T. 0.02 min
Lab File: VL036123.D
Acq: 9 Dec 2020 9:20

Tgt Ion: 43 Resp: 21651

Ion	Ratio	Lower	Upper
43	100		
58	0.0	20.9	31.3#

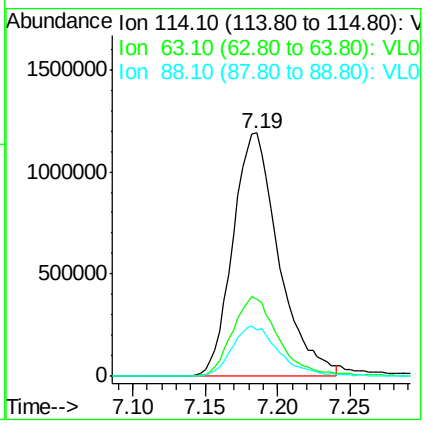




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VL036123.D
Acq: 9 Dec 2020 9:20

Tgt Ion:114 Resp: 2622712

Ion	Ratio	Lower	Upper
114	100		
63	33.5	23.6	35.4
88	21.6	15.8	23.6



Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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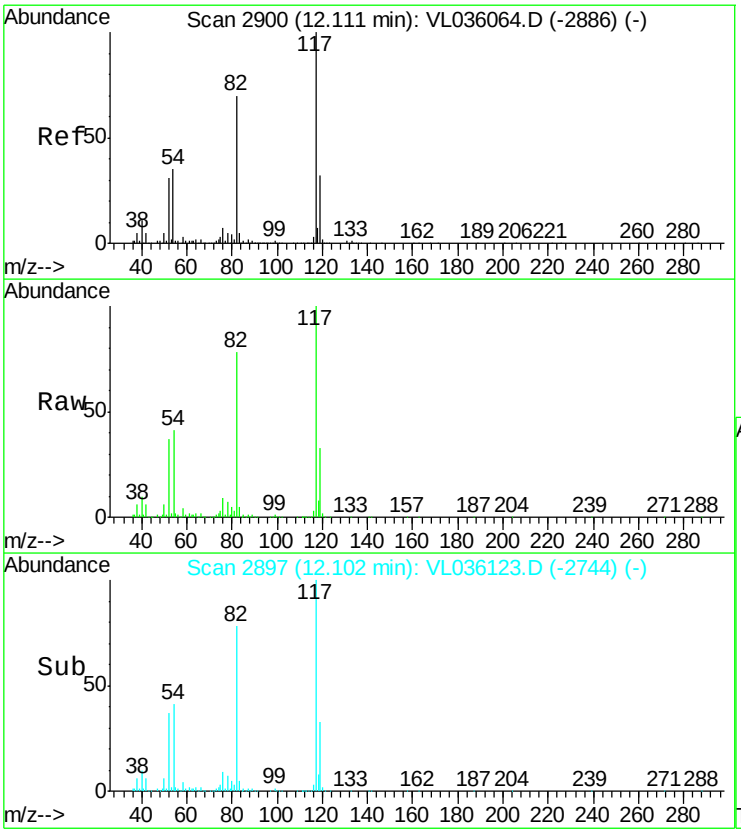
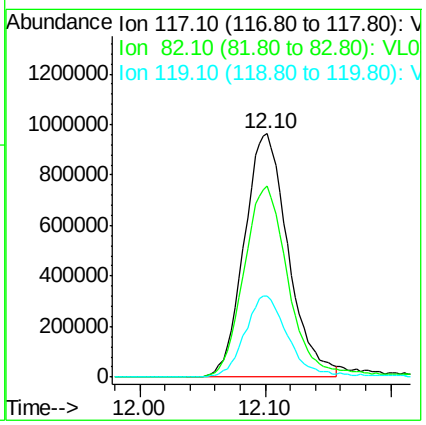
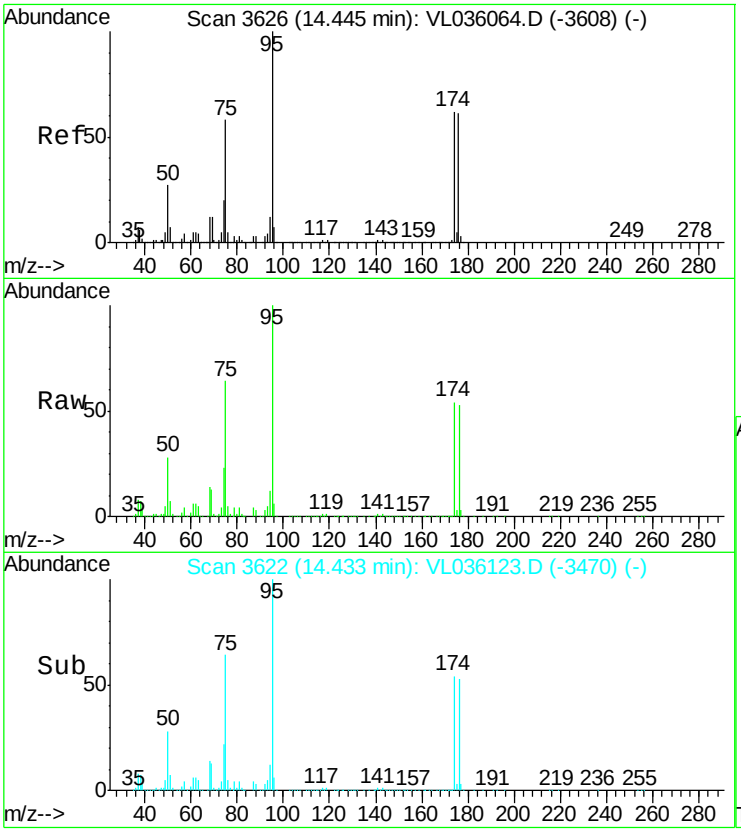


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. -0.01 min
Lab File: VL036123.D
Acq: 9 Dec 2020 9:20

Tgt Ion:117 Resp: 2343465

Ion	Ratio	Lower	Upper
117	100		
82	81.8	0.0	0.0#
119	34.3	0.0	0.0#

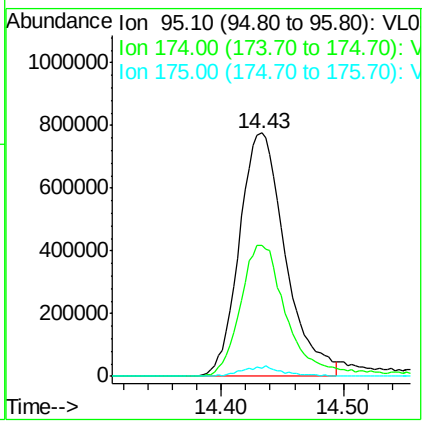




#68
1-Bromo-4-Fluorobenzene
Concen: 10.871 ppbv
RT: 14.43 min Scan# 3622
Delta R.T. -0.01 min
Lab File: VL036123.D
Acq: 9 Dec 2020 9:20

Tgt Ion: 95 Resp: 2022868

Ion	Ratio	Lower	Upper
95	100		
174	56.4	50.7	76.1
175	3.9	4.0	6.0#



Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Manual Integrations APPROVED
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