Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL073120\
Data File : VL035295.D
Acq On : 31 Jul 2020 1:43
Operator : SY/AP
Sample : VL0731ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0731ABL01

Quant Time: Jul 31 06:17:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL072920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 29 07:14:29 2020
QLast Update : Wed Jul 29 07:14:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1037248	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2568108	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2407531	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.46	95	1929831	10.03	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.30%			
Target Compounds						Qvalue

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

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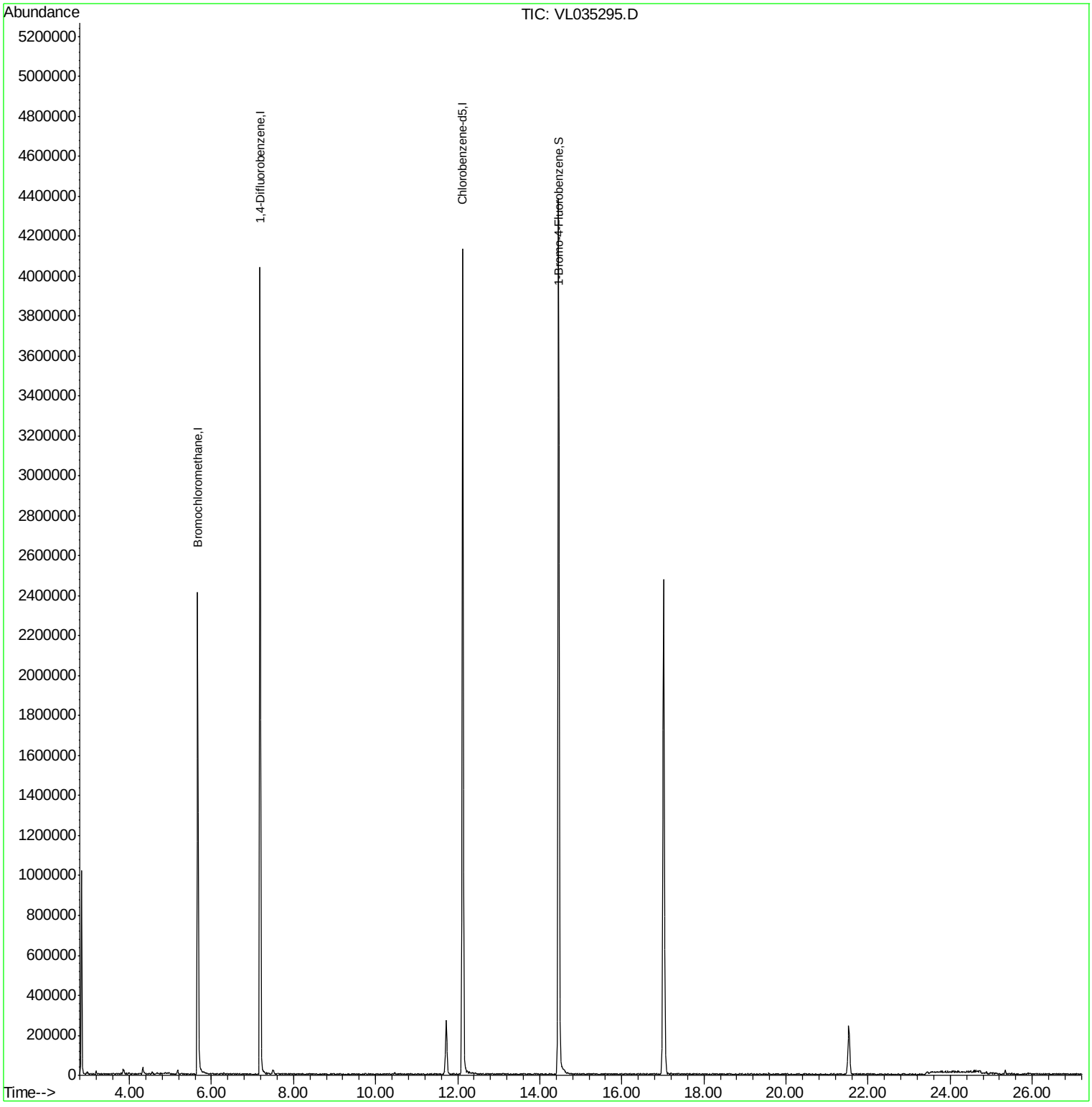
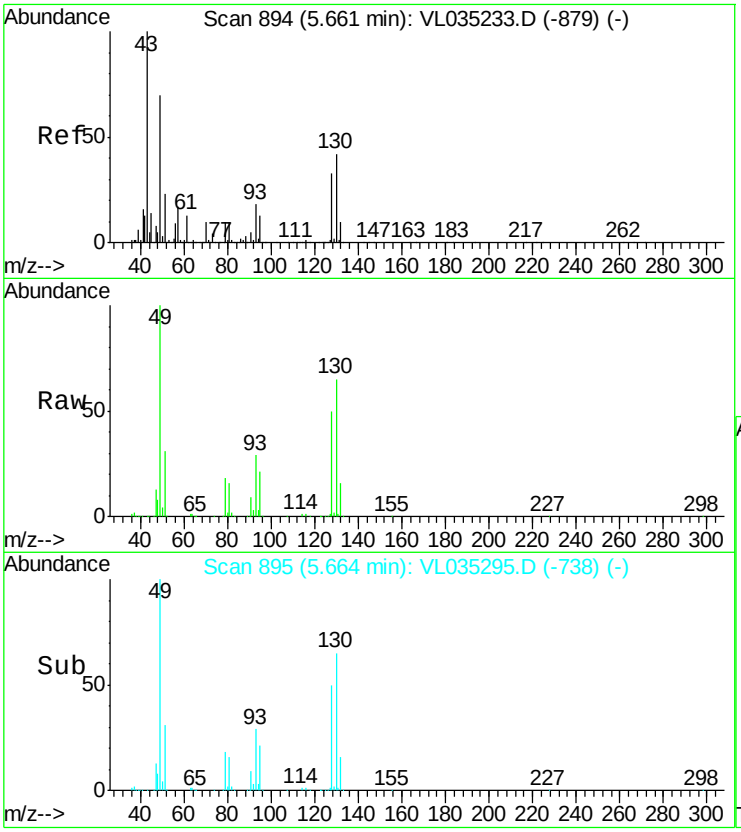


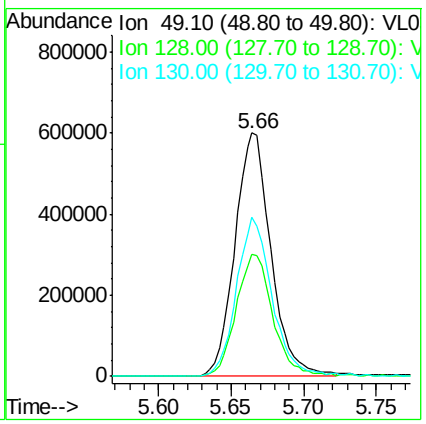


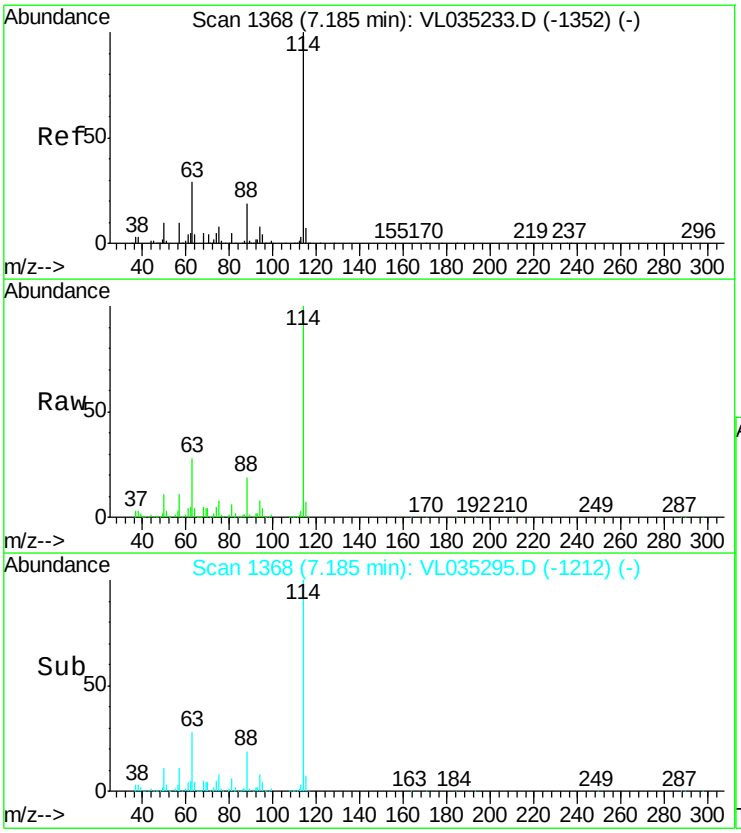
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 895
Delta R.T. 0.00 min
Lab File: VL035295.D
Acq: 31 Jul 2020 1:43

Instrument :
MSVOA_L
ClientSampleId :
VL0731ABL01

Tgt Ion: 49 Resp: 1037248

Ion	Ratio	Lower	Upper
49	100		
128	51.7	24.0	72.0
130	65.6	30.7	92.1

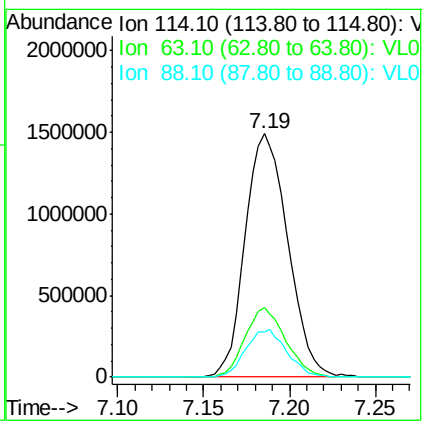


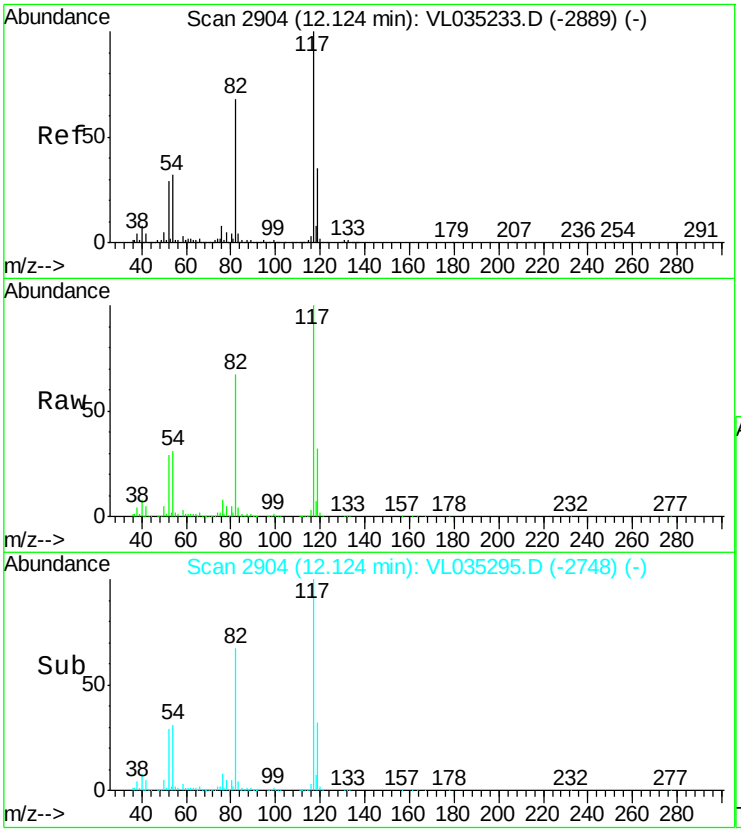


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VL035295.D
Acq: 31 Jul 2020 1:43

Tgt Ion:114 Resp: 2568108

Ion	Ratio	Lower	Upper
114	100		
63	27.2	22.2	33.2
88	19.0	15.4	23.0



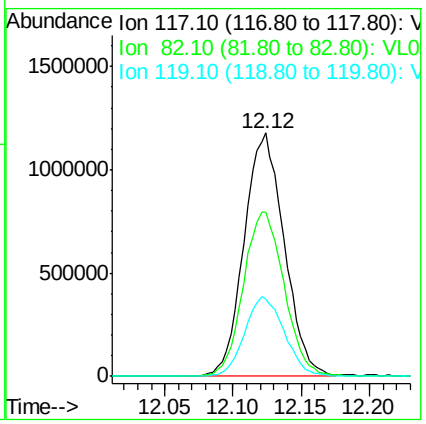


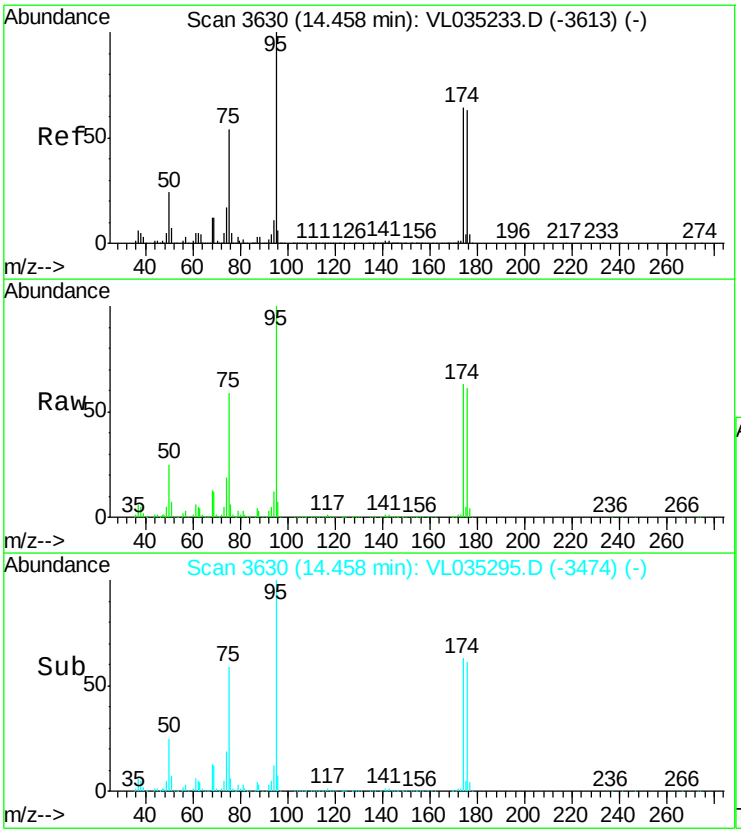
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2904
Delta R.T. 0.00 min
Lab File: VL035295.D
Acq: 31 Jul 2020 1:43

Instrument : MSVOA_L
ClientSampleId : VL0731ABL01

Tgt Ion:117 Resp: 2407531

Ion	Ratio	Lower	Upper
117	100		
82	68.8	52.4	78.6
119	32.5	24.6	36.8





#68
1-Bromo-4-Fluorobenzene
Concen: 10.031 ppbv
RT: 14.46 min Scan# 3630
Delta R.T. 0.00 min
Lab File: VL035295.D
Acq: 31 Jul 2020 1:43

Tgt Ion: 95 Resp: 1929831

Ion	Ratio	Lower	Upper
95	100		
174	65.2	52.7	79.1
175	4.9	3.9	5.9