Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092320\
Data File : VL035712.D
Acq On : 23 Sep 2020 9:47
Operator : SY/AP
Sample : VL0923ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0923ABL01

Quant Time: Sep 24 08:34:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 23 07:38:05 2020
QLast Update : Wed Sep 23 07:38:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1195601	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4417552	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	4481865	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.44	95	3347573	9.97	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.70%			
Target Compounds						Qvalue
20) Methylene Chloride	4.35	84	19987	0.212	ppbv	95

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

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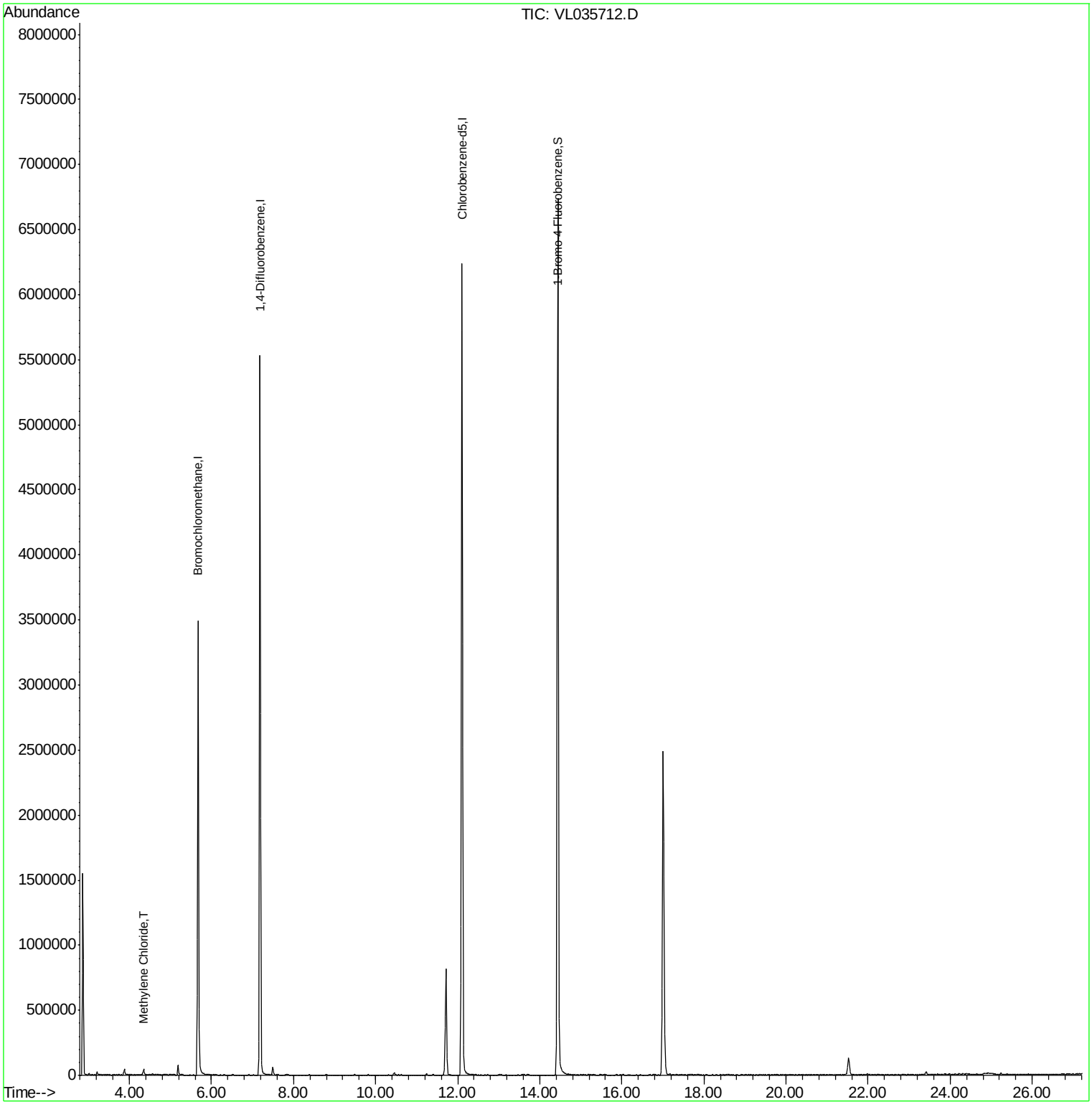
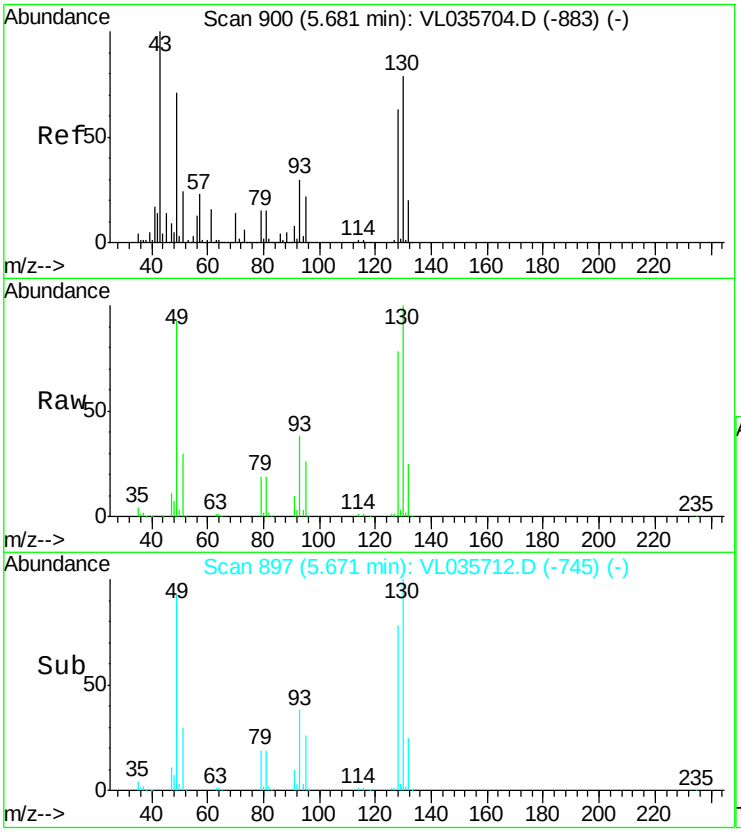


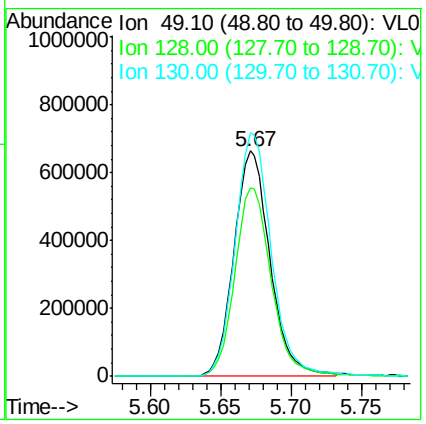


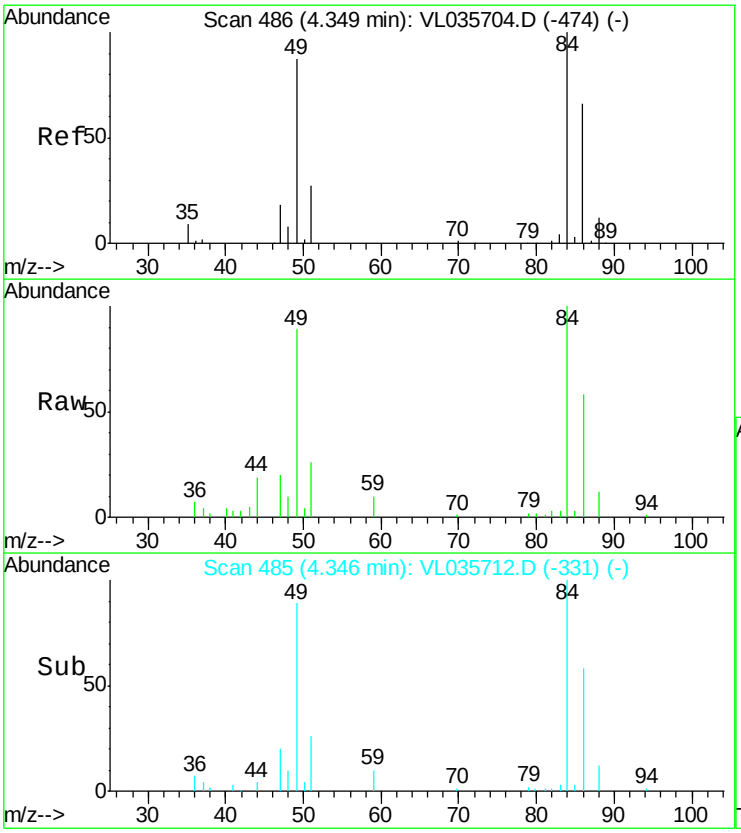
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.01 min
Lab File: VL035712.D
Acq: 23 Sep 2020 9:47

Instrument :
MSVOA_L
ClientSampleId :
VL0923ABL01

Tgt Ion: 49 Resp: 1195601

Ion	Ratio	Lower	Upper
49	100		
128	84.9	43.1	129.4
130	109.3	54.9	164.7

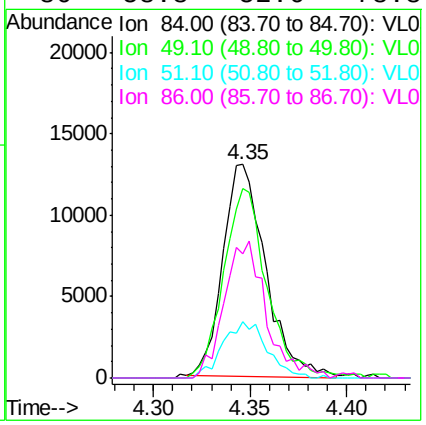


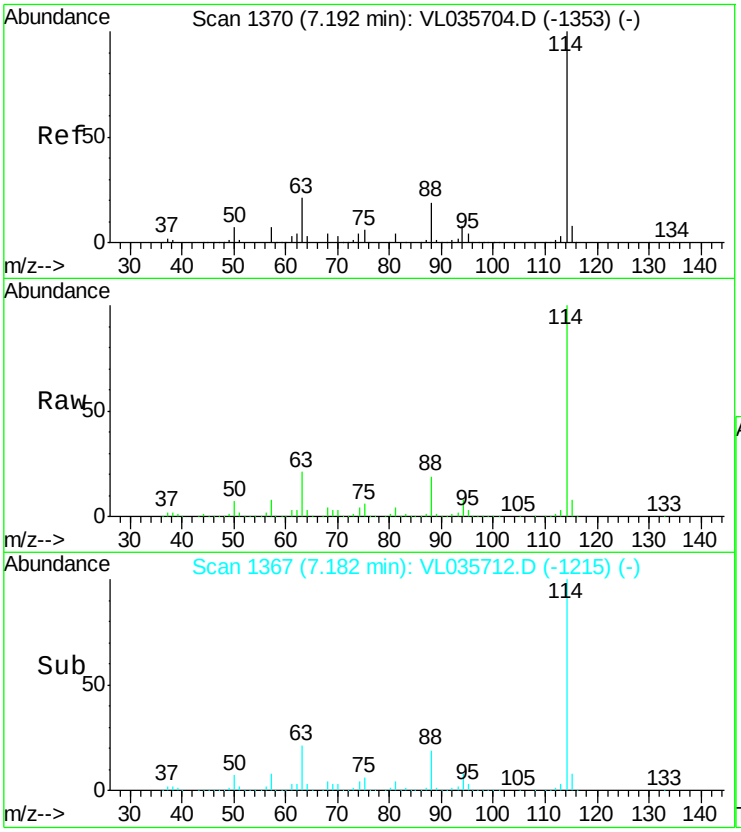


#20
Methylene Chloride
Concen: 0.212 ppbv
RT: 4.35 min Scan# 485
Delta R.T. -0.00 min
Lab File: VL035712.D
Acq: 23 Sep 2020 9:47

Tgt Ion: 84 Resp: 19987

Ion	Ratio	Lower	Upper
84	100		
49	89.8	69.8	104.6
51	26.7	21.8	32.8
86	58.8	52.6	78.8



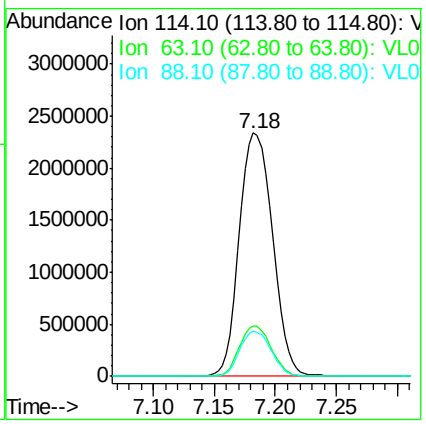


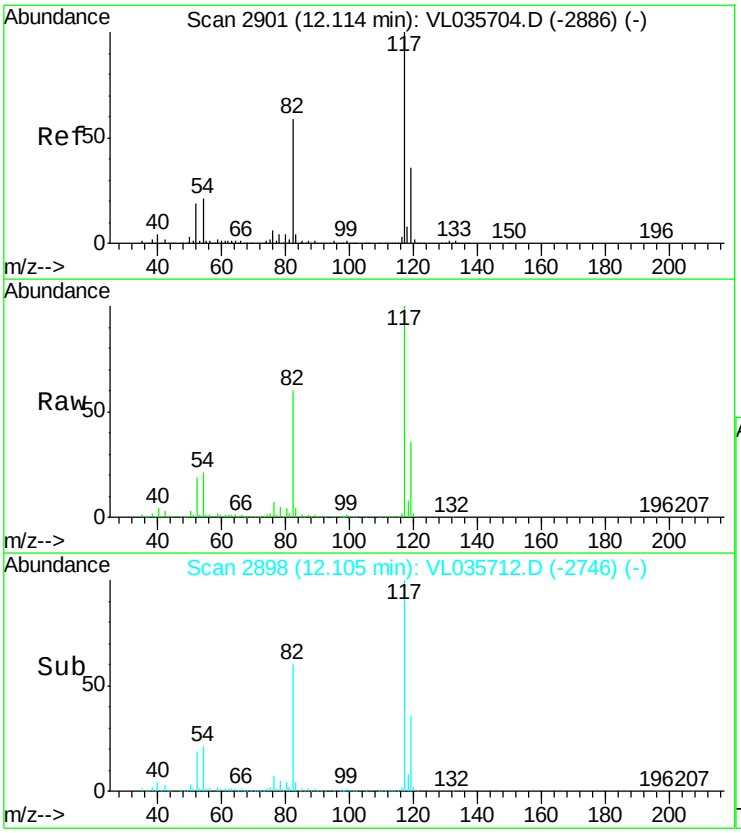
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VL035712.D
Acq: 23 Sep 2020 9:47

Instrument :
MSVOA_L
ClientSampleId :
VL0923ABL01

Tgt Ion:114 Resp: 4417552

Ion	Ratio	Lower	Upper
114	100		
63	19.9	16.1	24.1
88	17.5	14.1	21.1

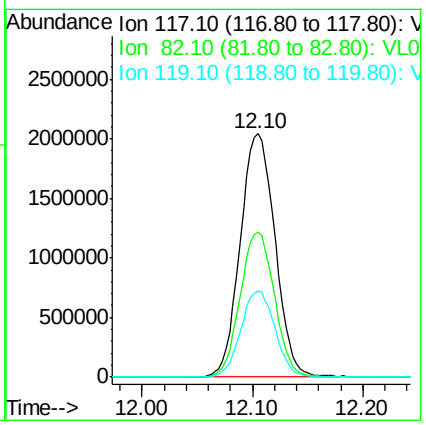


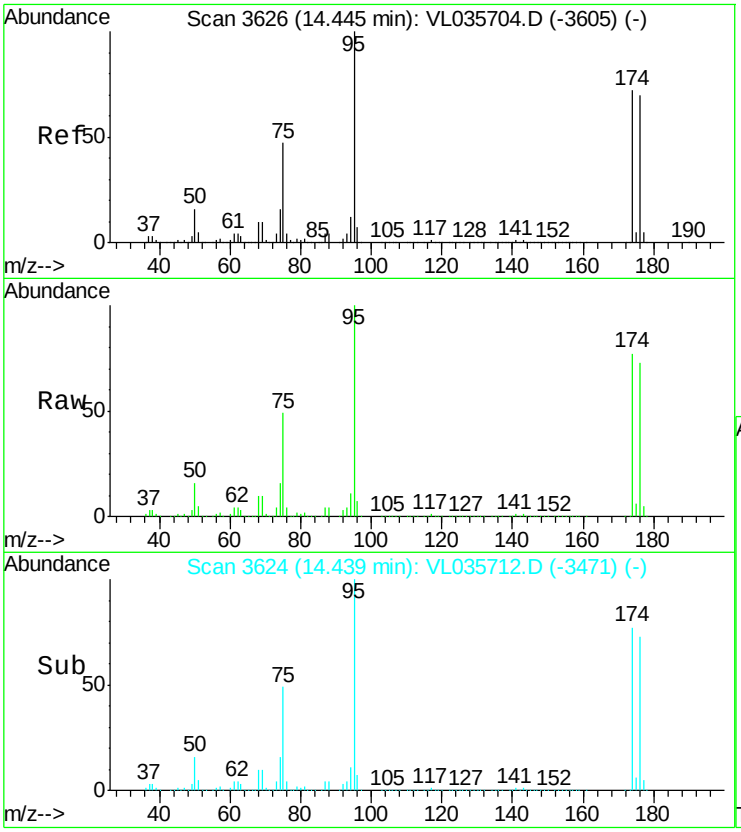


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. -0.01 min
Lab File: VL035712.D
Acq: 23 Sep 2020 9:47

Tgt Ion:117 Resp: 4481865

Ion	Ratio	Lower	Upper
117	100		
82	58.8	46.1	69.1
119	34.9	28.0	42.0





#68
1-Bromo-4-Fluorobenzene
Concen: 9.968 ppbv
RT: 14.44 min Scan# 3624
Delta R.T. -0.01 min
Lab File: VL035712.D
Acq: 23 Sep 2020 9:47

Instrument :
MSVOA_L
ClientSampleId :
VL0923ABL01

Tgt Ion: 95 Resp: 3347573

Ion	Ratio	Lower	Upper
95	100		
174	76.7	59.6	89.4
175	5.6	4.2	6.4