Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL090820\
Data File : VL035557.D
Acq On : 8 Sep 2020 15:17
Operator : SY/AP
Sample : QC090220 CAN 10401
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : QC090220 CAN 10401

Quant Time: Sep 09 02:52:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Aug 27 06:46:28 2020
QLast Update : Thu Aug 27 06:46:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1100939	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.17	114	4552962	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.09	117	4591272	10.00	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	3306719	10.14	ppbv	-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.40%			
Target Compounds						Qvalue

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

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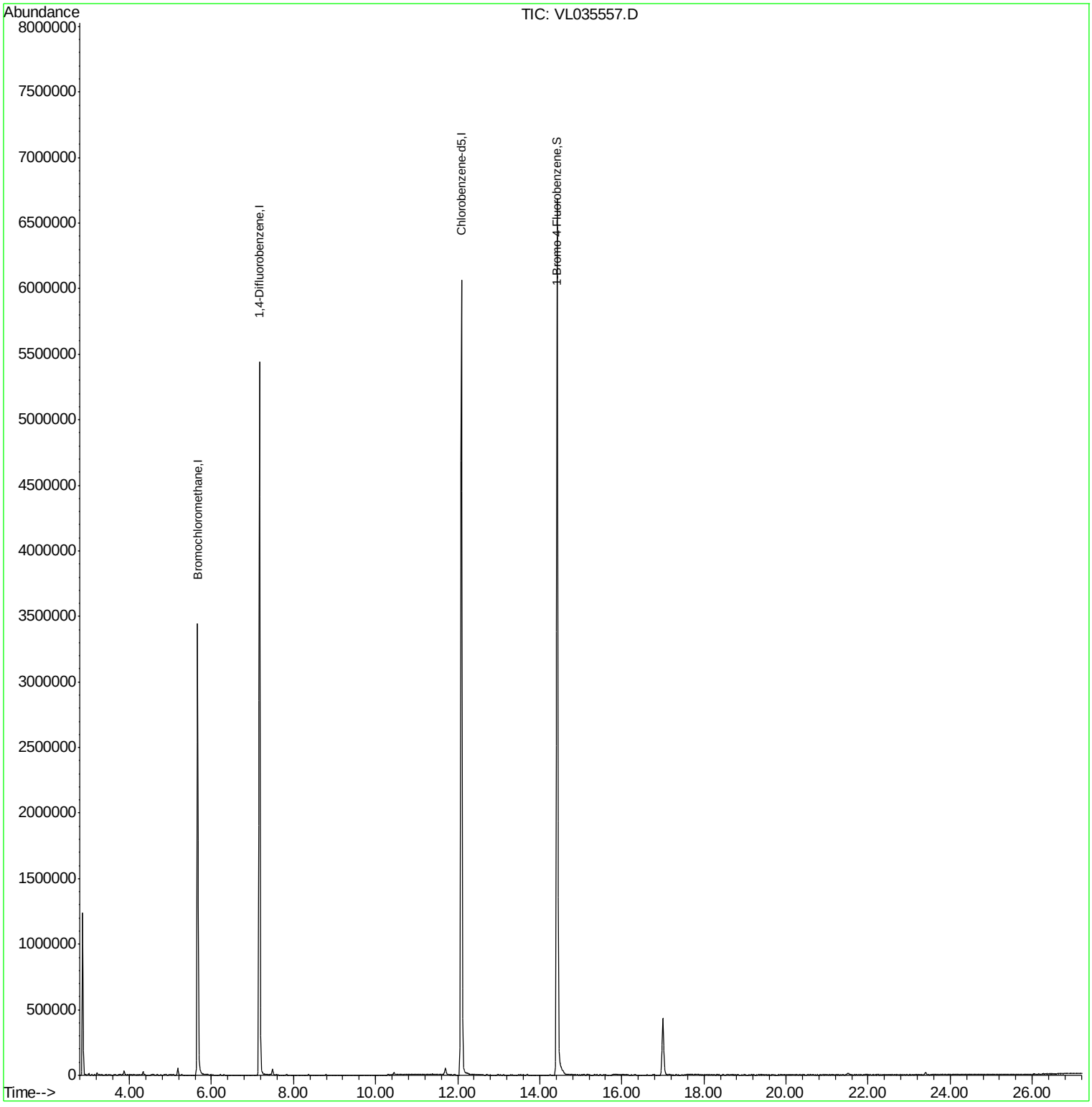
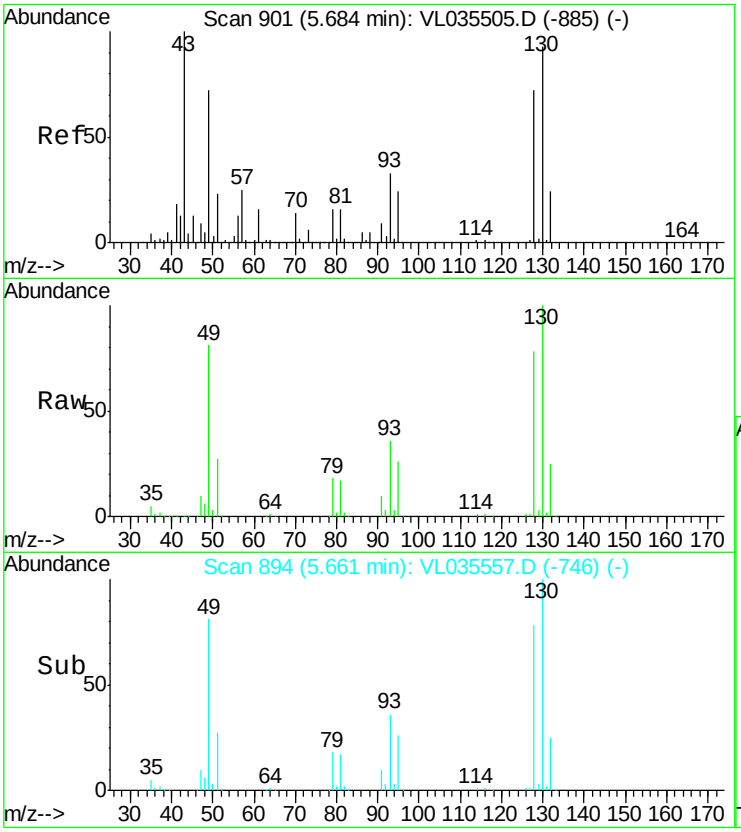


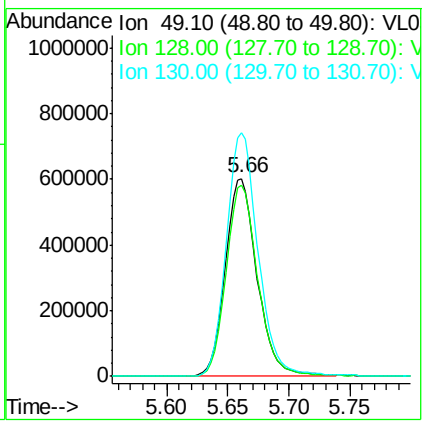


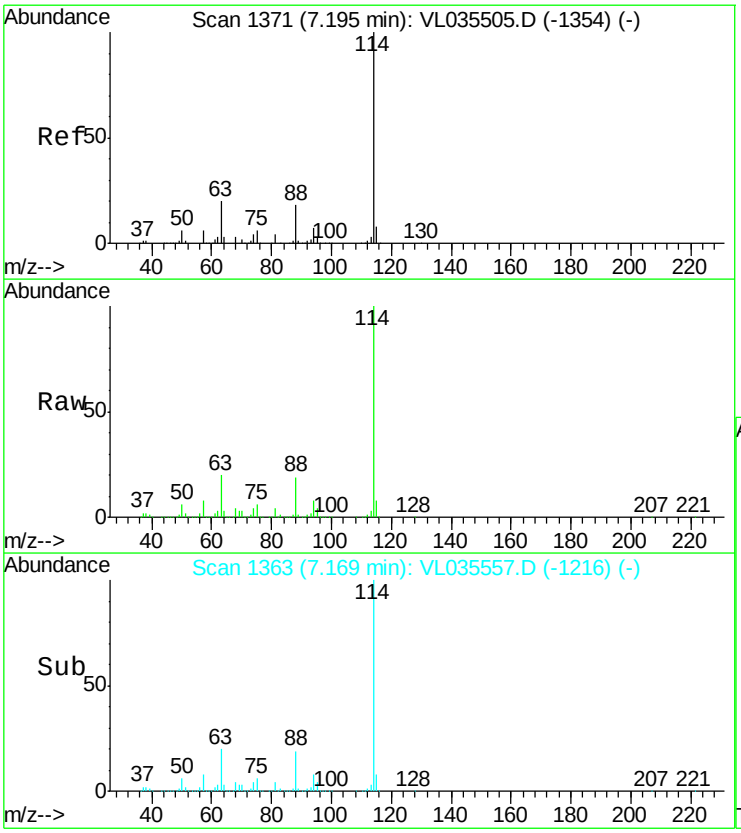
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.02 min
Lab File: VL035557.D
Acq: 8 Sep 2020 15:17

Instrument :
MSVOA_L
ClientSampleId :
QC090220 CAN 10401

Tgt Ion: 49 Resp: 1100939

Ion	Ratio	Lower	Upper
49	100		
128	96.5	50.0	150.1
130	123.9	64.4	193.2

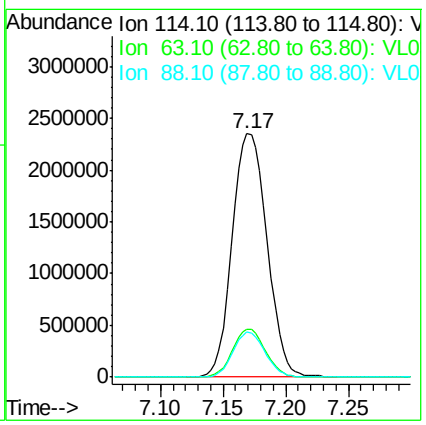


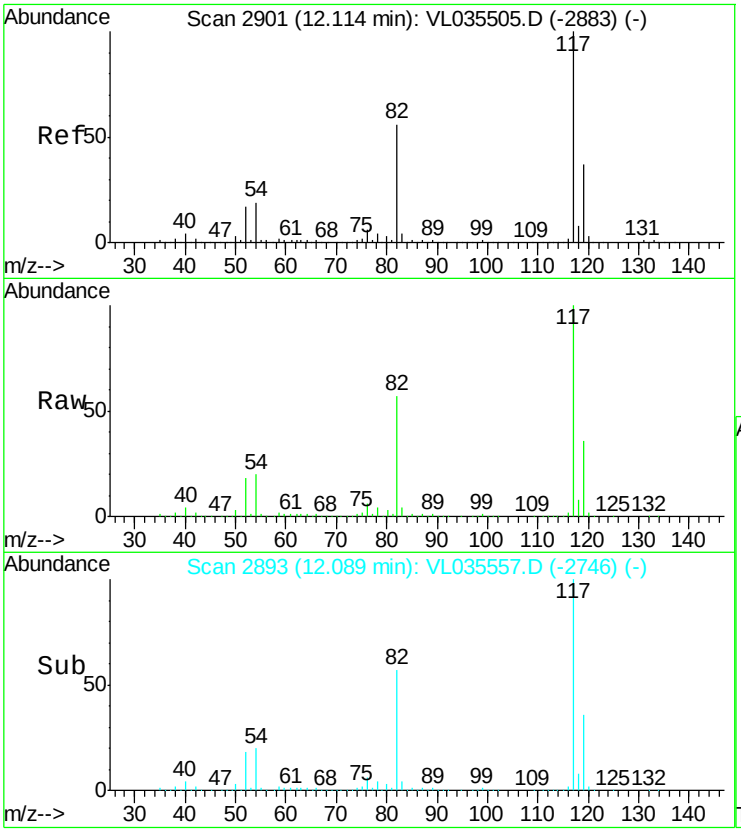


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.03 min
Lab File: VL035557.D
Acq: 8 Sep 2020 15:17

Tgt Ion:114 Resp: 4552962

Ion	Ratio	Lower	Upper
114	100		
63	18.6	14.7	22.1
88	17.1	13.4	20.2



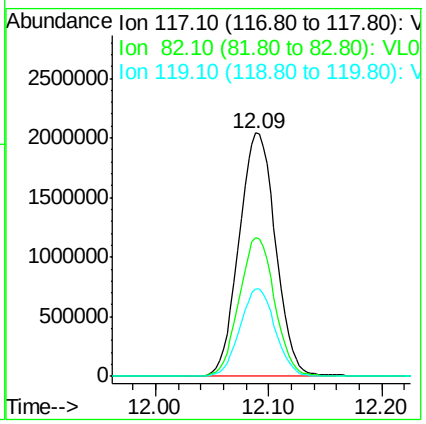


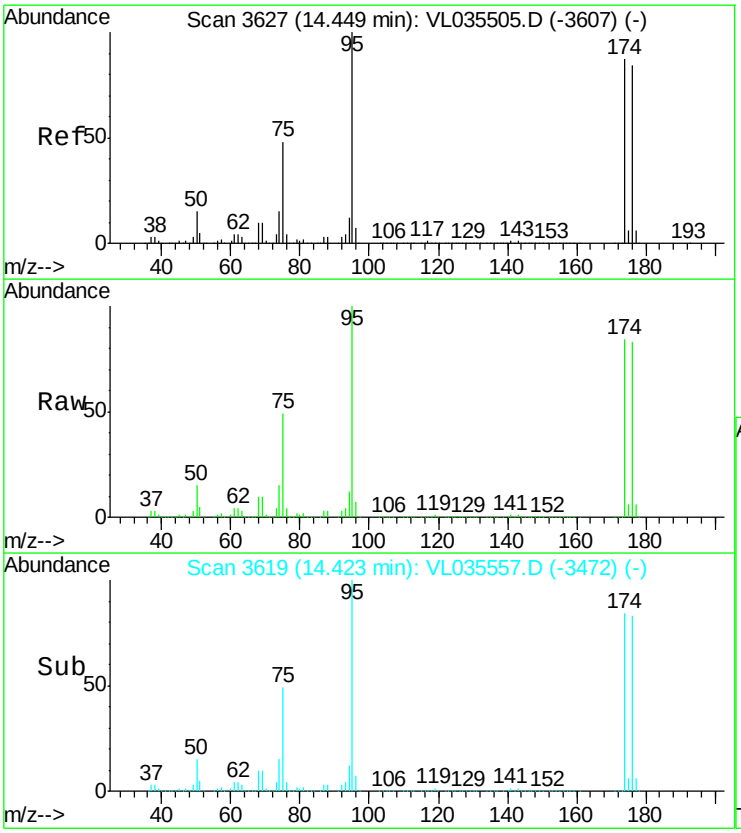
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. -0.03 min
Lab File: VL035557.D
Acq: 8 Sep 2020 15:17

Instrument :
MSVOA_L
ClientSampleId :
QC090220 CAN 10401

Tgt Ion:117 Resp: 4591272

Ion	Ratio	Lower	Upper
117	100		
82	55.7	41.6	62.4
119	34.8	29.3	43.9





#68
1-Bromo-4-Fluorobenzene
Concen: 10.142 ppbv
RT: 14.42 min Scan# 3619
Delta R.T. -0.03 min
Lab File: VL035557.D
Acq: 8 Sep 2020 15:17

Tgt Ion: 95 Resp: 3306719

Ion	Ratio	Lower	Upper
95	100		
174	86.9	69.6	104.4
175	6.3	5.1	7.7