Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL110420\
Data File : VL035853.D
Acq On : 5 Nov 2020 4:41
Operator : SY/AP
Sample : QC102720 CAN 10320
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : QC102720 CAN 10320

Quant Time: Nov 05 06:19:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04 02:40:06 2020
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	830999	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.14	114	3172724	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.05	117	2910189	10.00	ppbv	-0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.38	95	2102627	10.17	ppbv	-0.04
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.70%			
Target Compounds						Qvalue
15) Acetone	3.85	43	15589	0.175	ppbv #	1
20) Methylene Chloride	4.32	84	15359	0.246	ppbv	98

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

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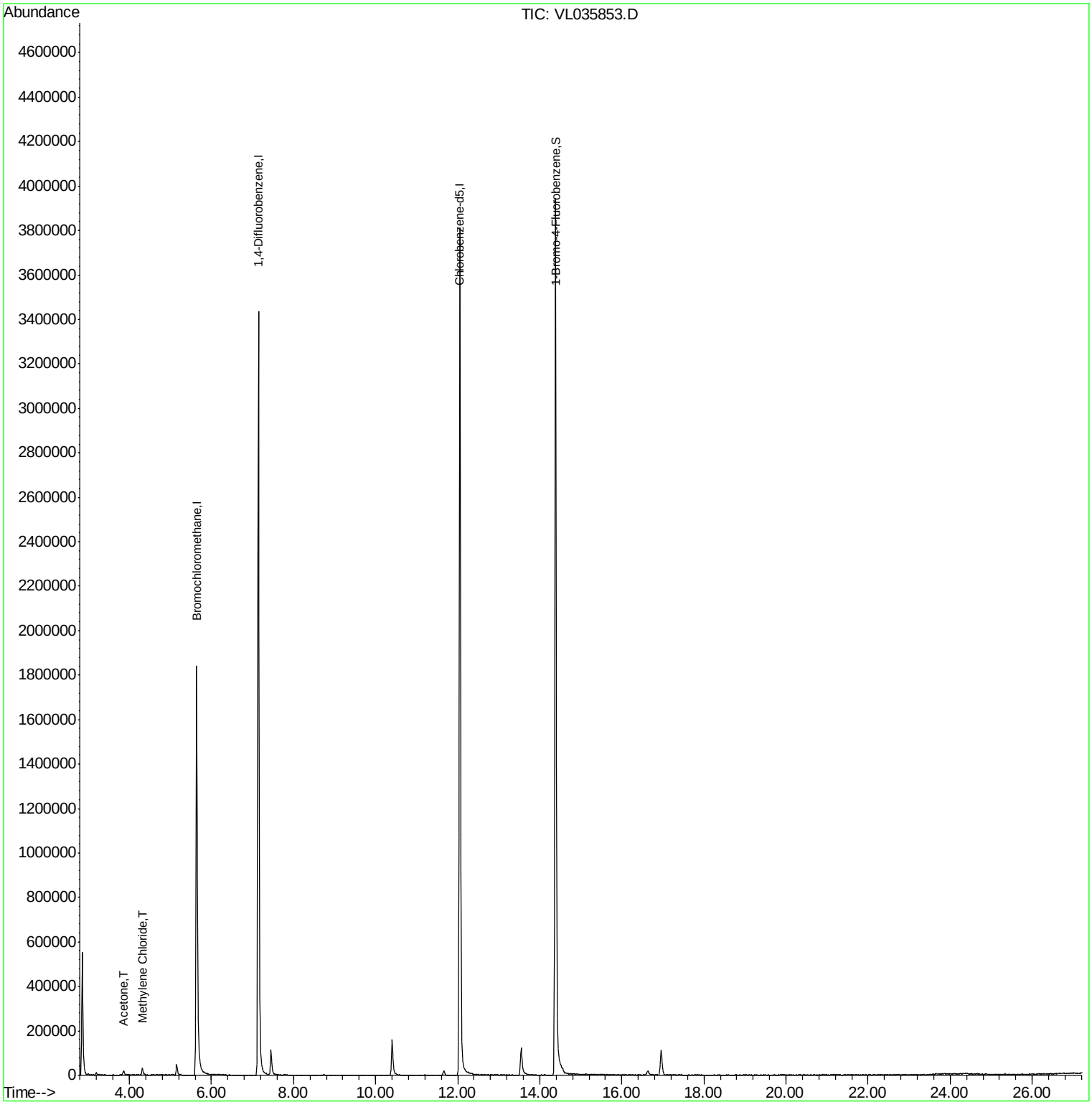
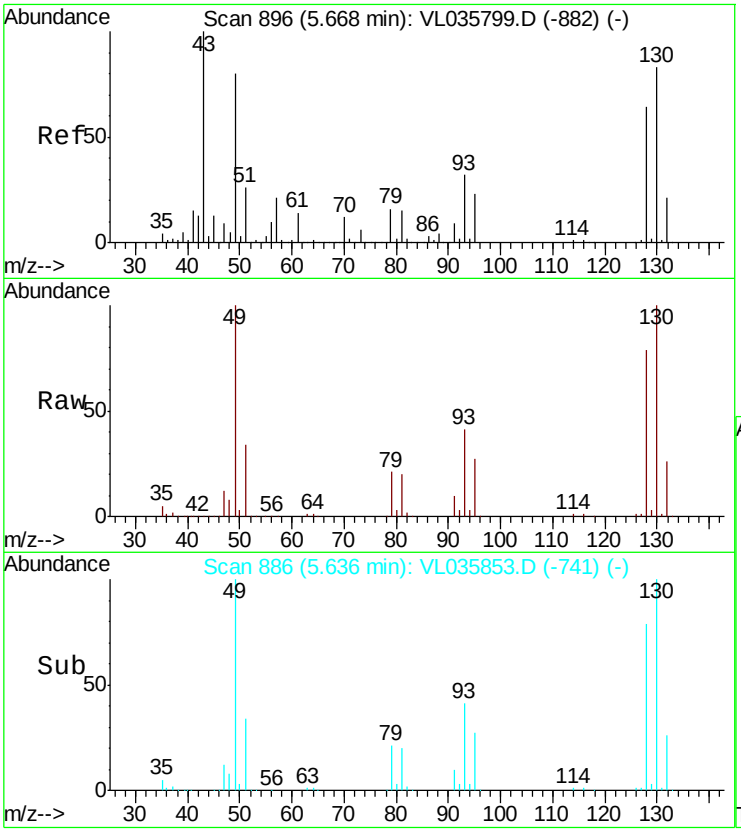


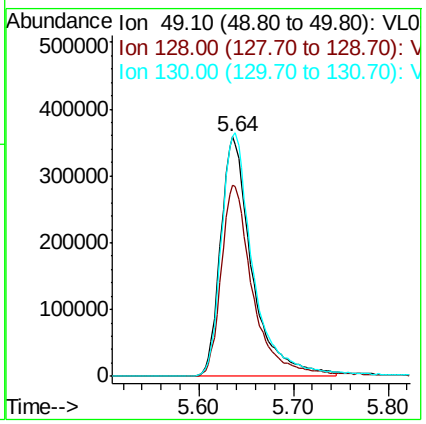


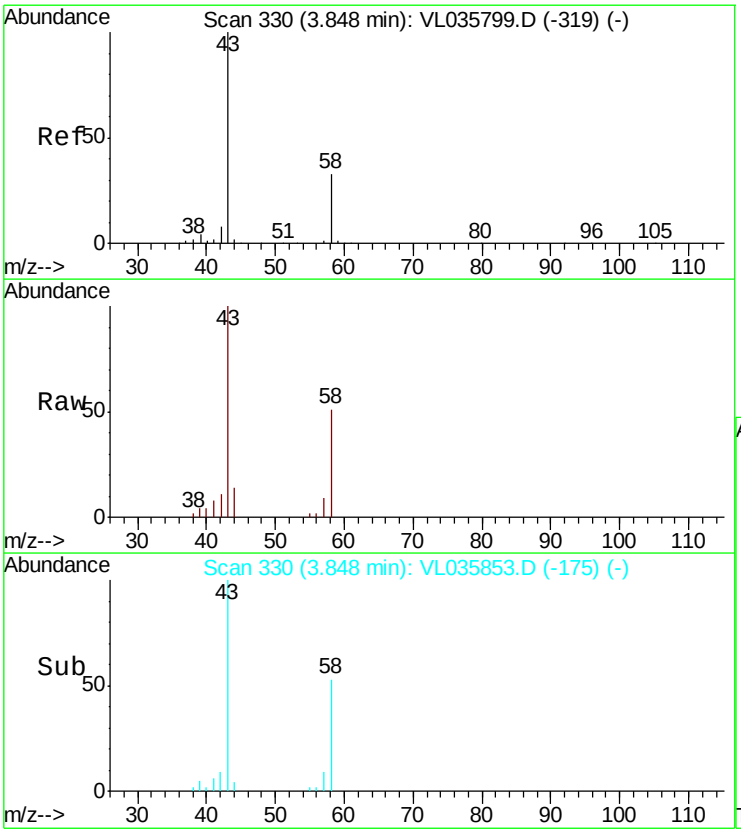
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.64 min Scan# 886
Delta R.T. -0.03 min
Lab File: VL035853.D
Acq: 5 Nov 2020 4:41

Instrument :
MSVOA_L
ClientSampleId :
QC102720 CAN 10320

Tgt Ion: 49 Resp: 830999

Ion	Ratio	Lower	Upper
49	100		
128	82.0	41.5	124.6
130	105.0	53.7	161.1

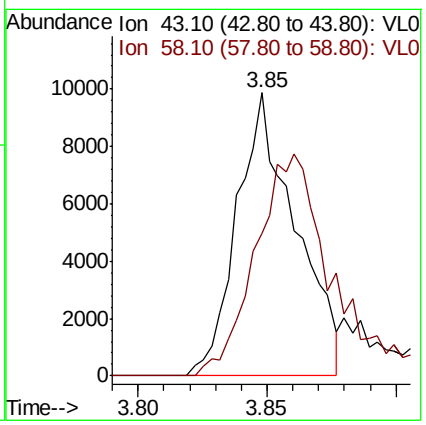


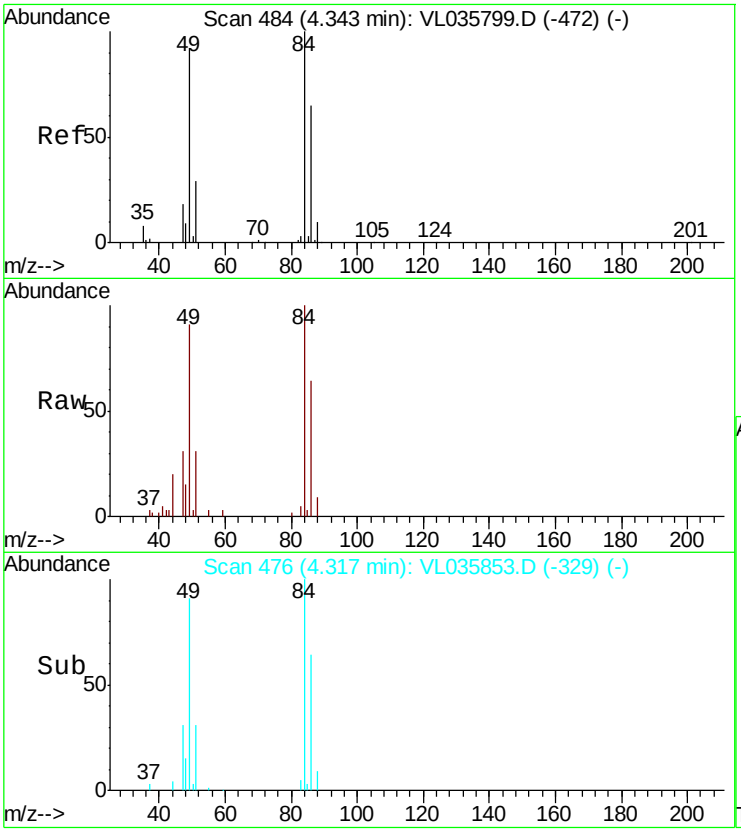


#15
Acetone
Concen: 0.175 ppbv
RT: 3.85 min Scan# 330
Delta R.T. -0.00 min
Lab File: VL035853.D
Acq: 5 Nov 2020 4:41

Tgt Ion: 43 Resp: 15589

Ion	Ratio	Lower	Upper
43	100		
58	109.3	27.5	41.3#



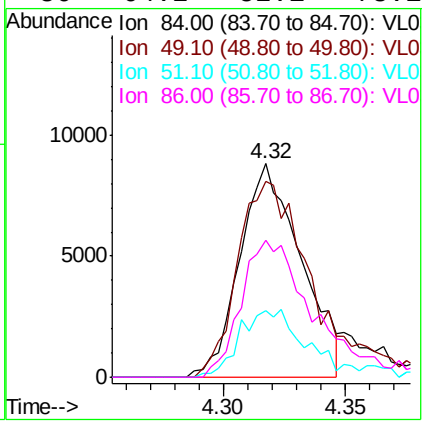


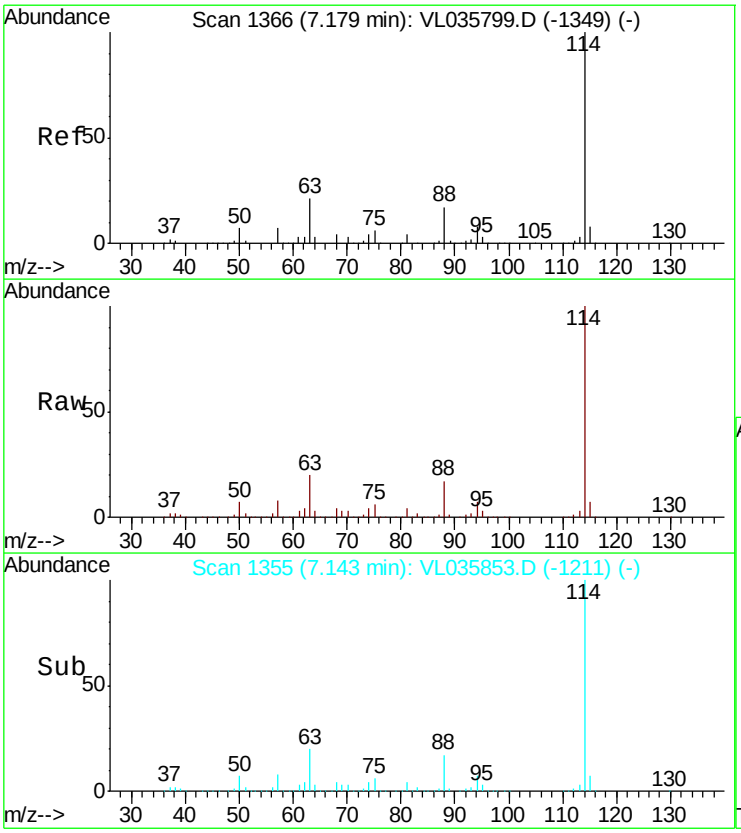
#20
Methylene Chloride
Concen: 0.246 ppbv
RT: 4.32 min Scan# 476
Delta R.T. -0.03 min
Lab File: VL035853.D
Acq: 5 Nov 2020 4:41

Instrument : MSVOA_L
ClientSampleId : QC102720 CAN 10320

Tgt Ion: 84 Resp: 15359

Ion	Ratio	Lower	Upper
84	100		
49	91.5	73.8	110.8
51	31.4	23.0	34.4
86	64.2	52.1	78.1

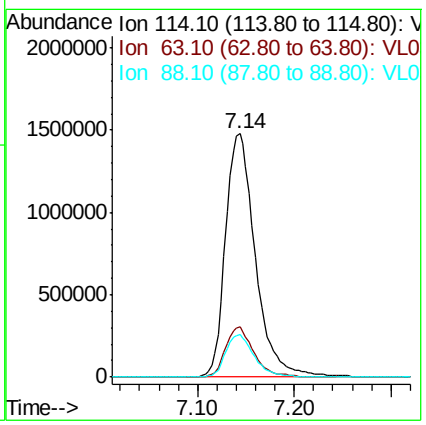


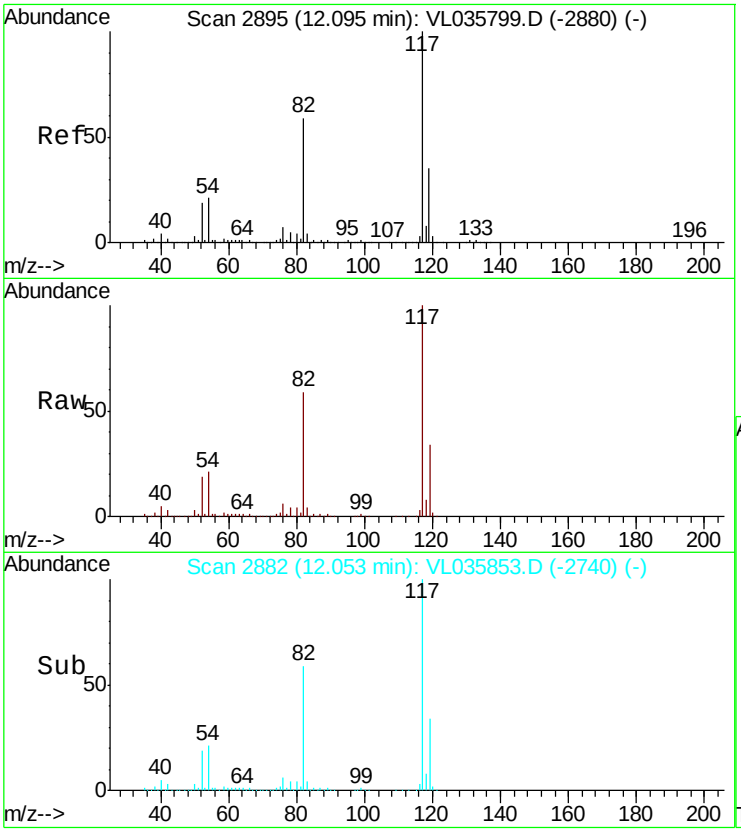


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.14 min Scan# 1355
Delta R.T. -0.04 min
Lab File: VL035853.D
Acq: 5 Nov 2020 4:41

Tgt Ion:114 Resp: 3172724

Ion	Ratio	Lower	Upper
114	100		
63	19.9	16.1	24.1
88	17.0	13.7	20.5



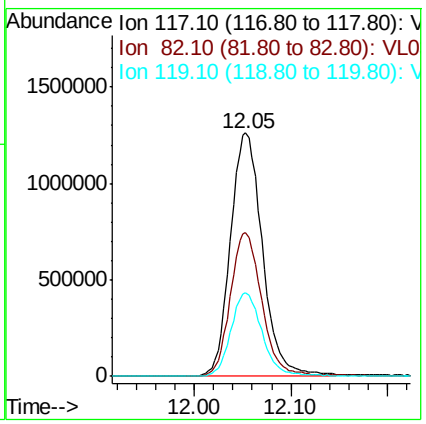


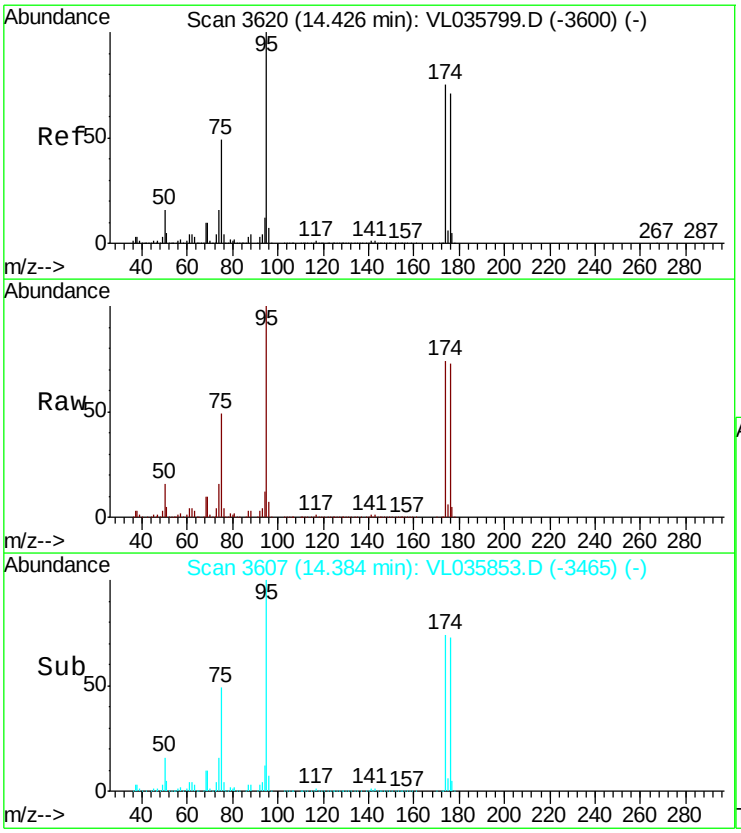
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.05 min Scan# 2882
Delta R.T. -0.04 min
Lab File: VL035853.D
Acq: 5 Nov 2020 4:41

Instrument :
MSVOA_L
ClientSampleId :
QC102720 CAN 10320

Tgt Ion:117 Resp: 2910189

Ion	Ratio	Lower	Upper
117	100		
82	58.9	50.6	76.0
119	34.0	52.6	78.8#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.169 ppbv
RT: 14.38 min Scan# 3607
Delta R.T. -0.04 min
Lab File: VL035853.D
Acq: 5 Nov 2020 4:41

Tgt Ion: 95 Resp: 2102627

Ion	Ratio	Lower	Upper
95	100		
174	76.5	59.8	89.6
175	5.5	4.3	6.5