Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052220\
Data File : VL035081.D
Acq On : 22 May 2020 12:43
Operator : SY/AP
Sample : QC052220 CAN 10268
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : QC052220 CAN 10268

Quant Time: May 23 00:48:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 06 14:49:39 2020
QLast Update : Wed May 06 14:49:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1038895	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	2409388	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.10	117	2257684	10.00	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.44	95	1894390	10.37	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.70%			
Target Compounds						Qvalue
15) Acetone	3.83	43	29475	0.215	ppbv #	48
20) Methylene Chloride	4.30	84	6903m	0.152	ppbv	

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

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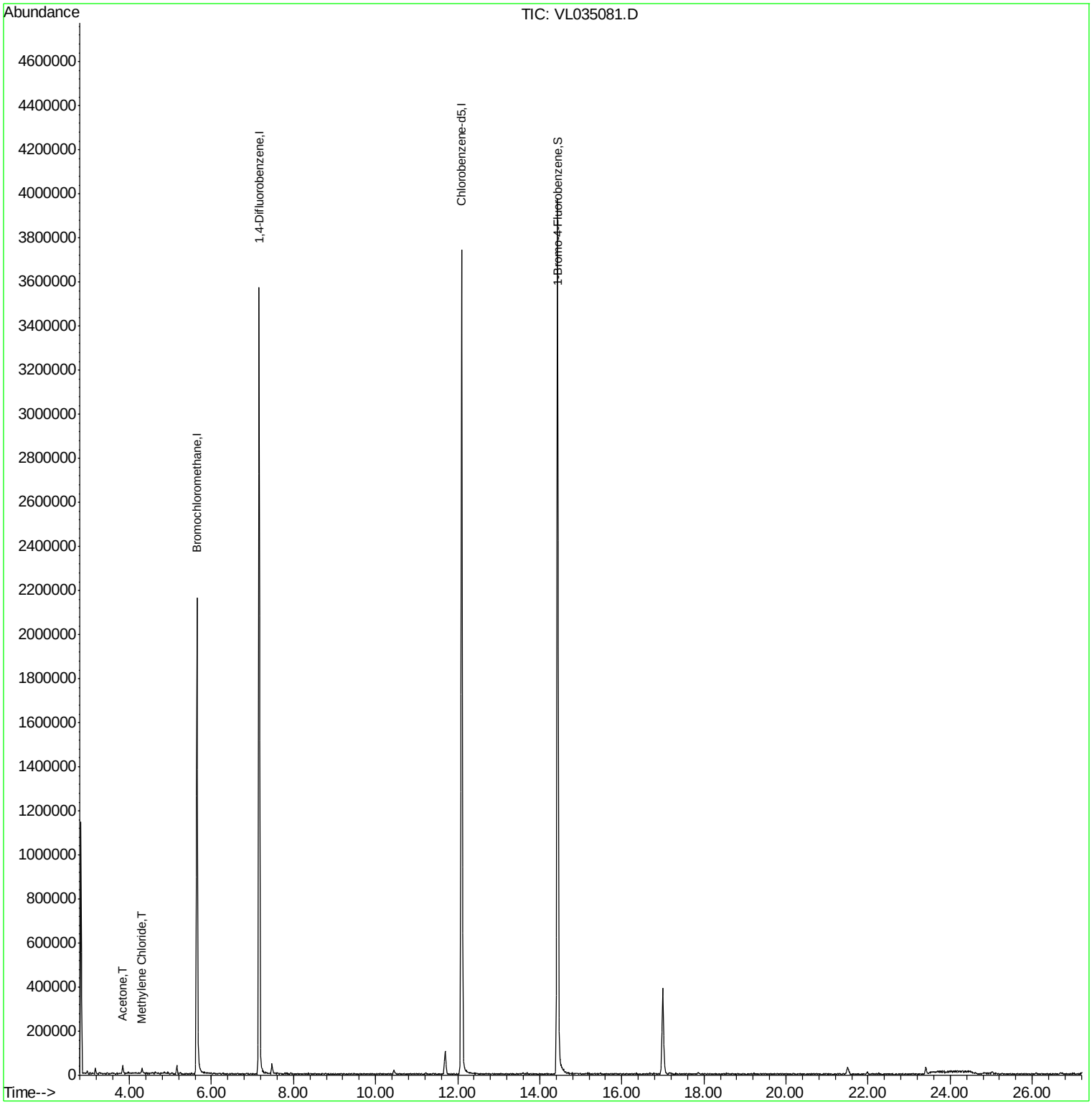
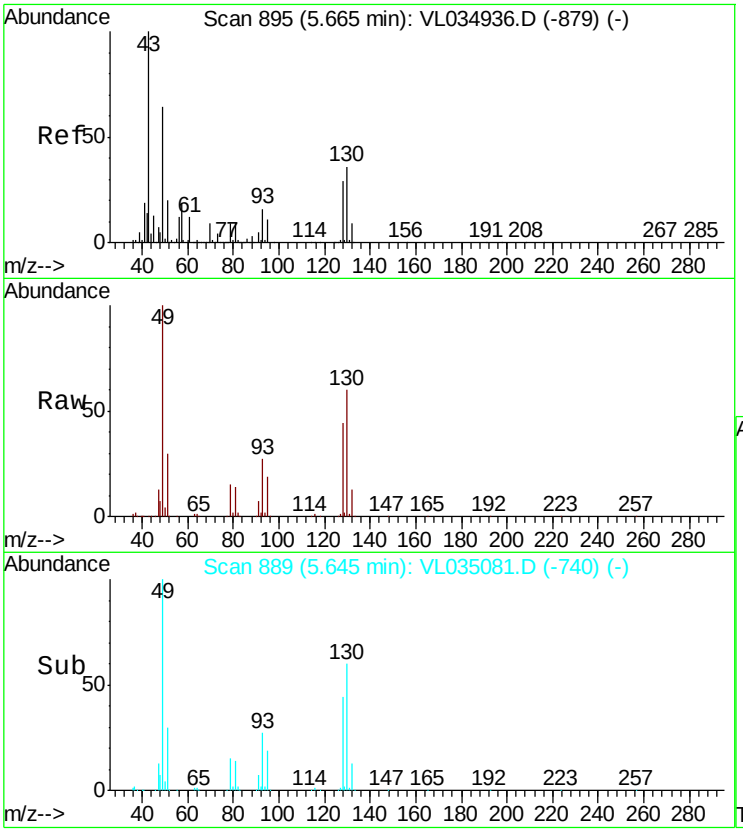


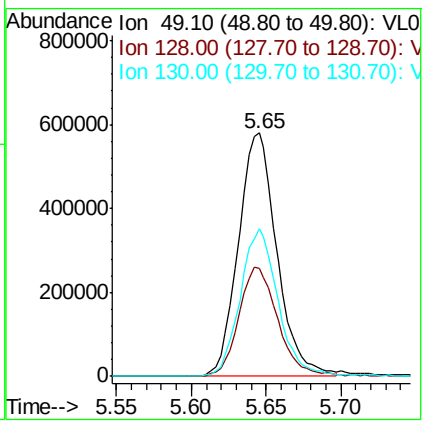


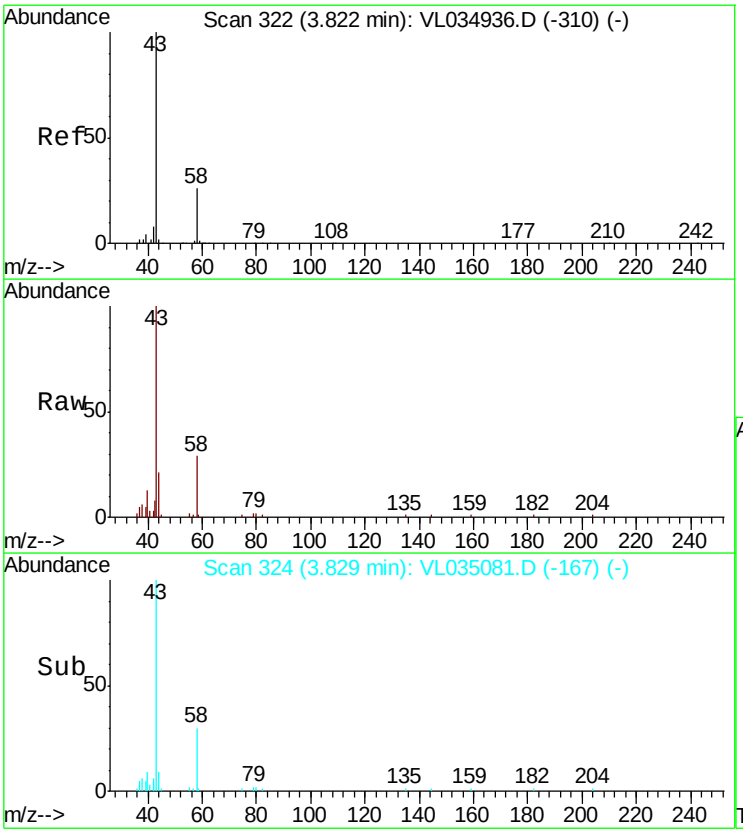
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 889
Delta R.T. -0.02 min
Lab File: VL035081.D
Acq: 22 May 2020 12:43

Instrument :
MSVOA_L
ClientSampleId :
QC052220 CAN 10268

Tgt Ion: 49 Resp: 1038895

Ion	Ratio	Lower	Upper
49	100		
128	46.0	22.1	66.5
130	60.6	29.1	87.3

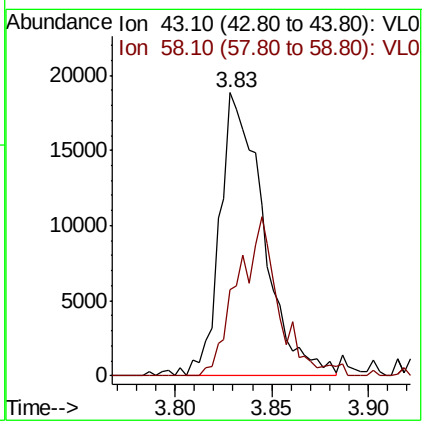


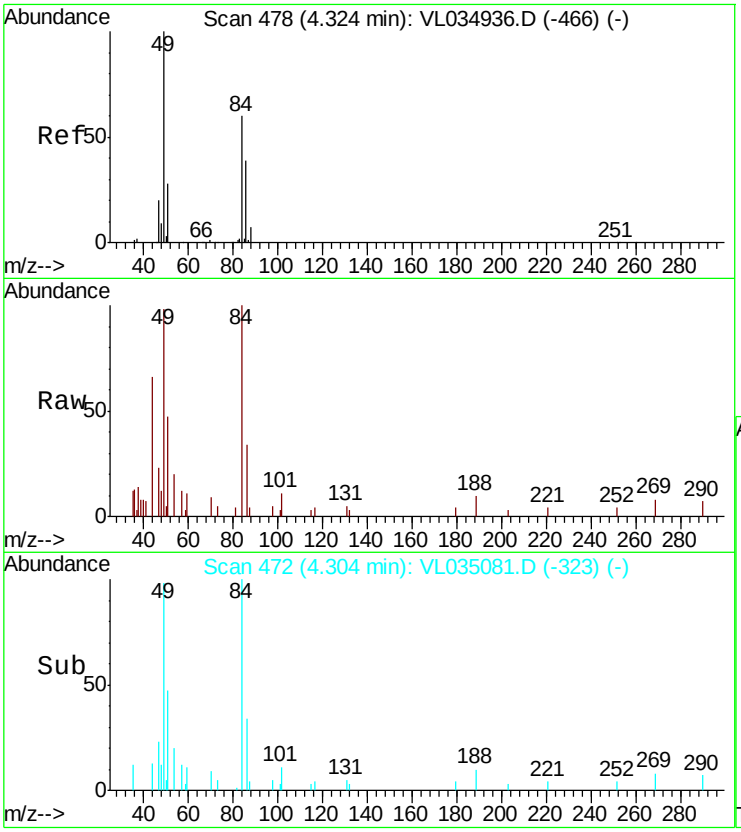


#15
Acetone
Concen: 0.215 ppbv
RT: 3.83 min Scan# 324
Delta R.T. 0.01 min
Lab File: VL035081.D
Acq: 22 May 2020 12:43

Tgt Ion: 43 Resp: 29475

Ion	Ratio	Lower	Upper
43	100		
58	54.1	21.7	32.5#



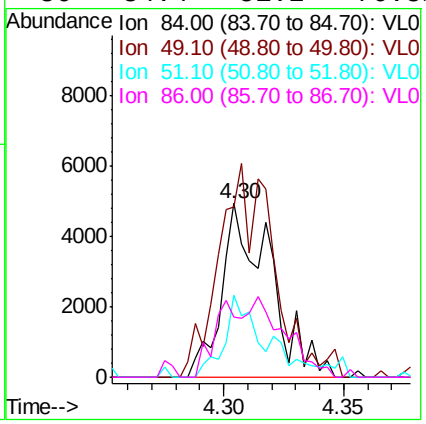


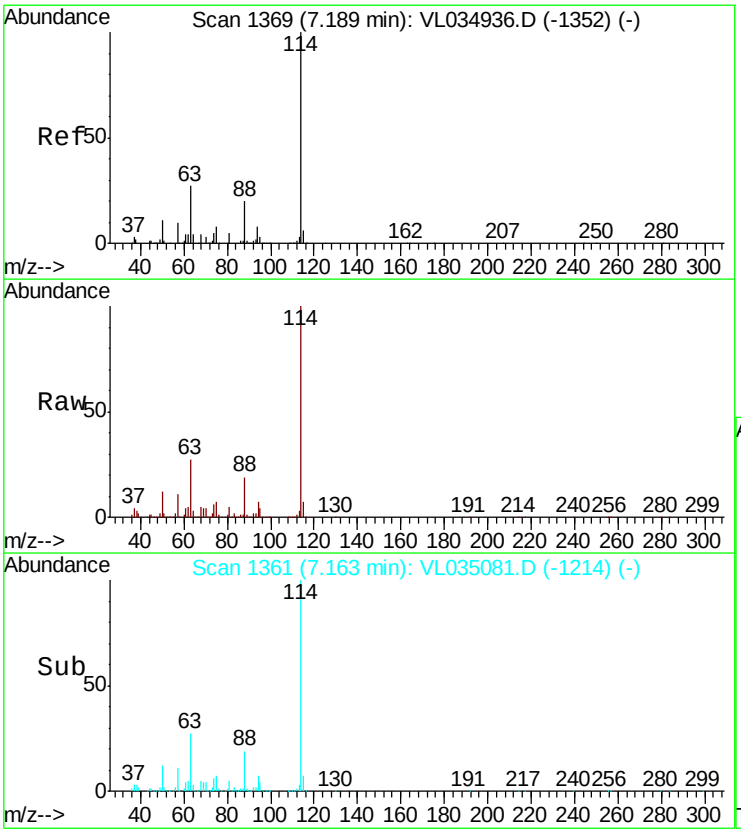
#20
Methylene Chloride
Concen: 0.152 ppbv m
RT: 4.30 min Scan# 472
Delta R.T. -0.02 min
Lab File: VL035081.D
Acq: 22 May 2020 12:43

Instrument :
MSVOA_L
ClientSampleId :
QC052220 CAN 10268

Tgt Ion: 84 Resp: 6903

Ion	Ratio	Lower	Upper
84	100		
49	98.0	132.5	198.7#
51	47.0	38.4	57.6
86	34.4	51.2	76.8#

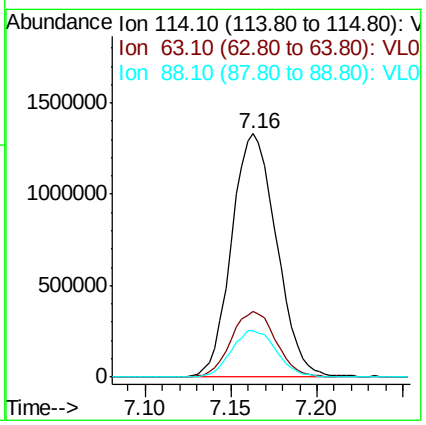


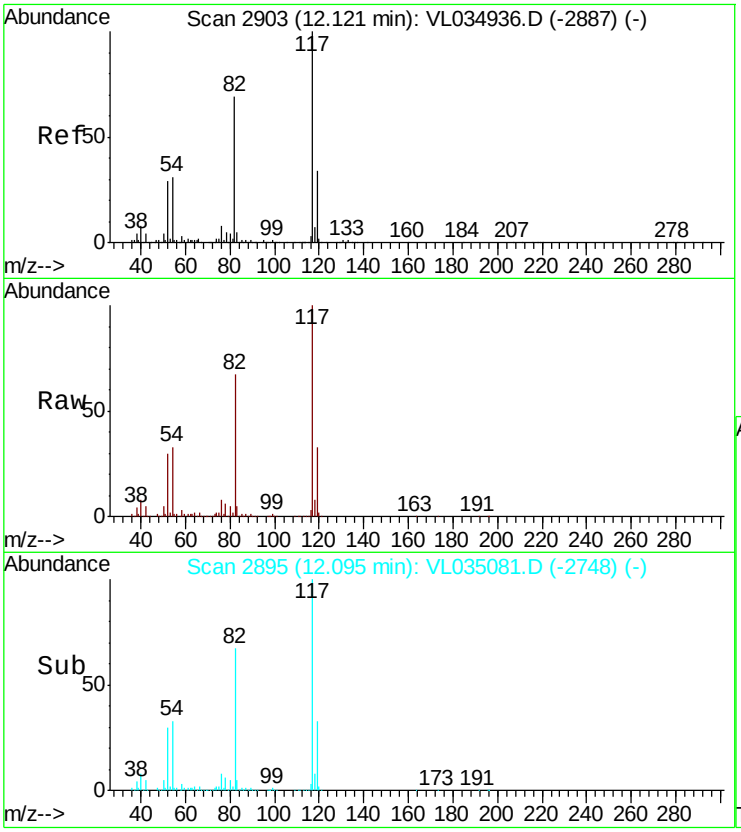


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.03 min
Lab File: VL035081.D
Acq: 22 May 2020 12:43

Tgt Ion:114 Resp: 2409388

Ion	Ratio	Lower	Upper
114	100		
63	27.4	22.2	33.4
88	19.4	15.5	23.3



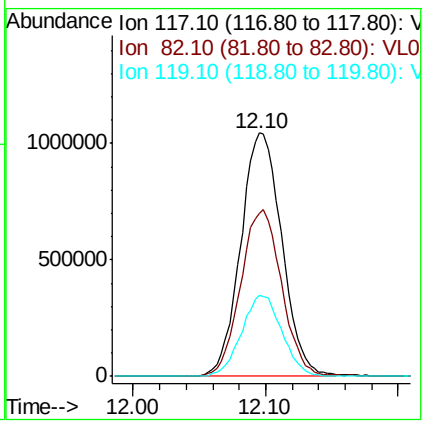


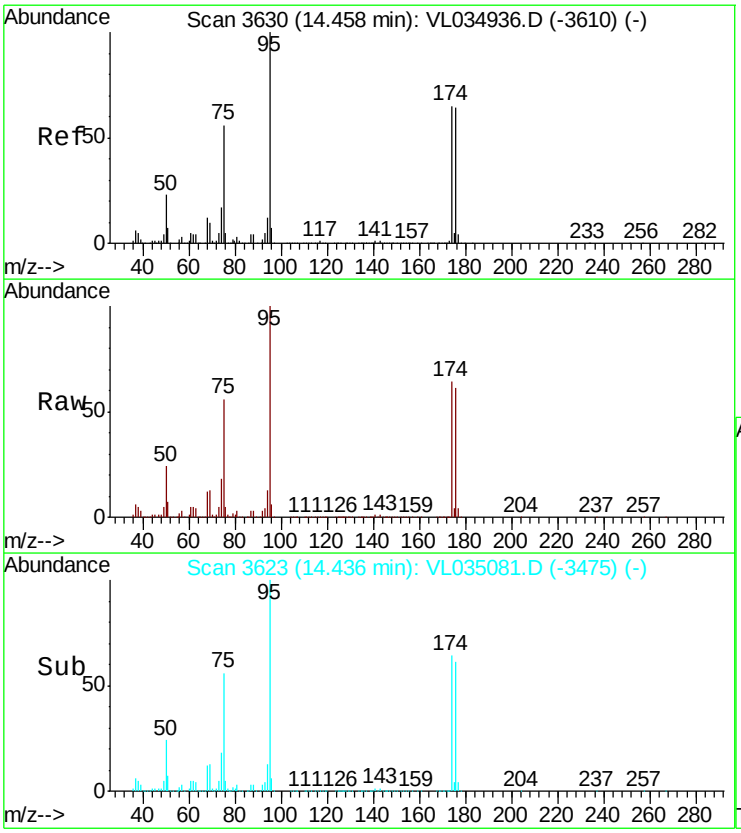
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2895
Delta R.T. -0.03 min
Lab File: VL035081.D
Acq: 22 May 2020 12:43

Instrument :
MSVOA_L
ClientSampleId :
QC052220 CAN 10268

Tgt Ion:117 Resp: 2257684

Ion	Ratio	Lower	Upper
117	100		
82	68.5	53.1	79.7
119	32.9	26.7	40.1





#68
1-Bromo-4-Fluorobenzene
Concen: 10.366 ppbv
RT: 14.44 min Scan# 3623
Delta R.T. -0.02 min
Lab File: VL035081.D
Acq: 22 May 2020 12:43

Tgt Ion: 95 Resp: 1894390

Ion	Ratio	Lower	Upper
95	100		
174	64.4	51.5	77.3
175	4.7	3.8	5.8