Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL012720\
Data File : VL034560.D
Acq On : 27 Jan 2020 14:17
Operator : SY/AP
Sample : QC010620 CAN 10439
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : QC010620 CAN 10439

Quant Time: Jan 28 00:49:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL123019AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jan 09 03:01:19 2020
QLast Update : Thu Jan 09 03:01:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	936724	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	1907539	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	1838824	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.47	95	1542871	10.06	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.60%			
Target Compounds						Qvalue
15) Acetone	3.85	43	24919	0.182	ppbv #	72
20) Methylene Chloride	4.34	84	22996	0.428	ppbv #	84

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

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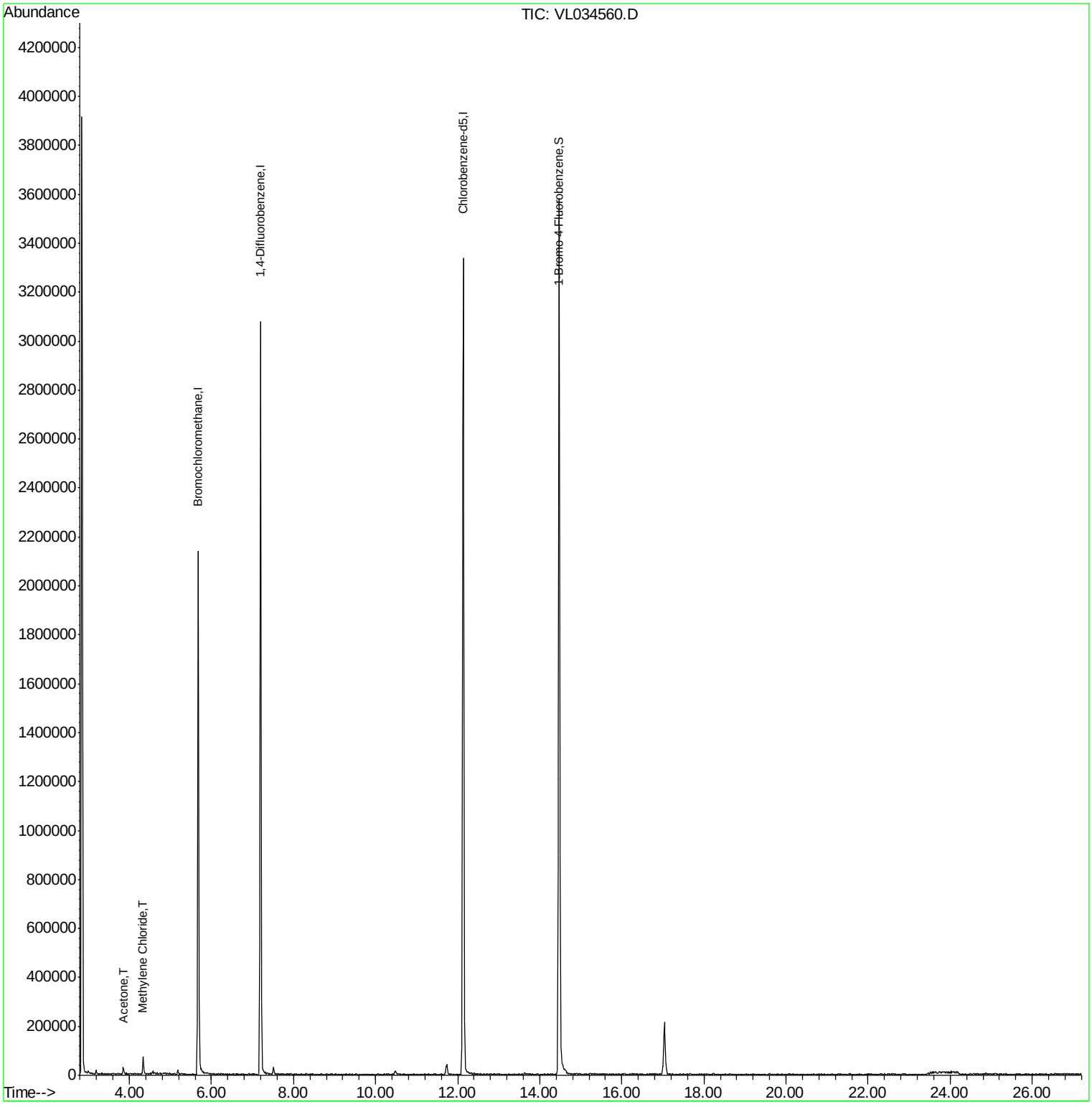
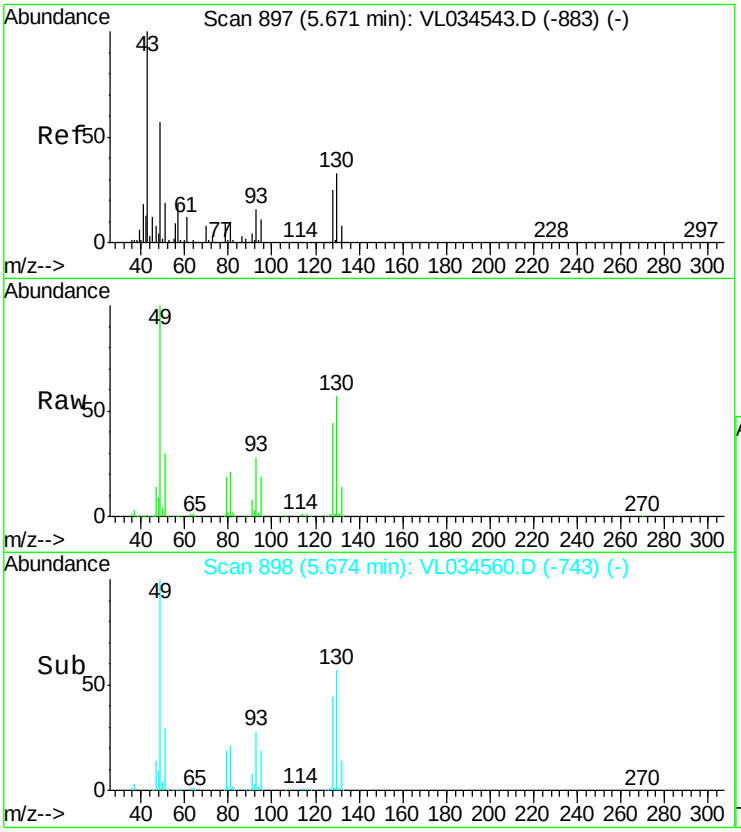


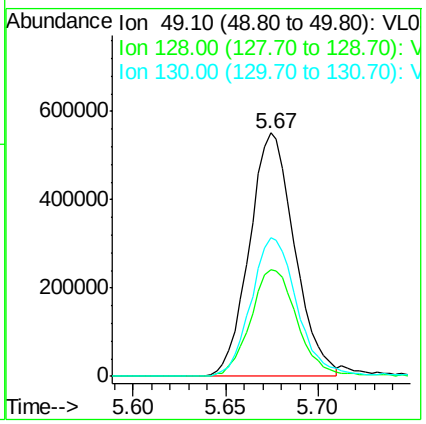


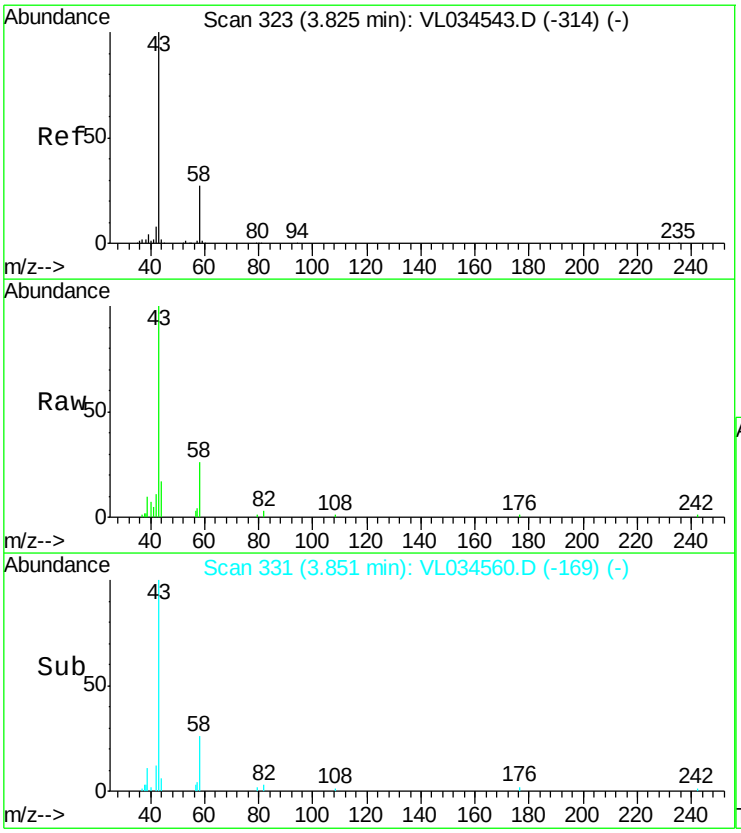
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.00 min
Lab File: VL034560.D
Acq: 27 Jan 2020 14:17

Instrument :
MSVOA_L
ClientSampleId :
QC010620 CAN 10439

Tgt Ion: 49 Resp: 936724

Ion	Ratio	Lower	Upper
49	100		
128	46.1	22.4	67.2
130	59.1	28.3	85.0

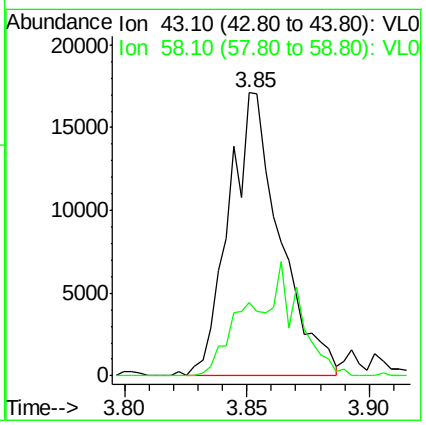


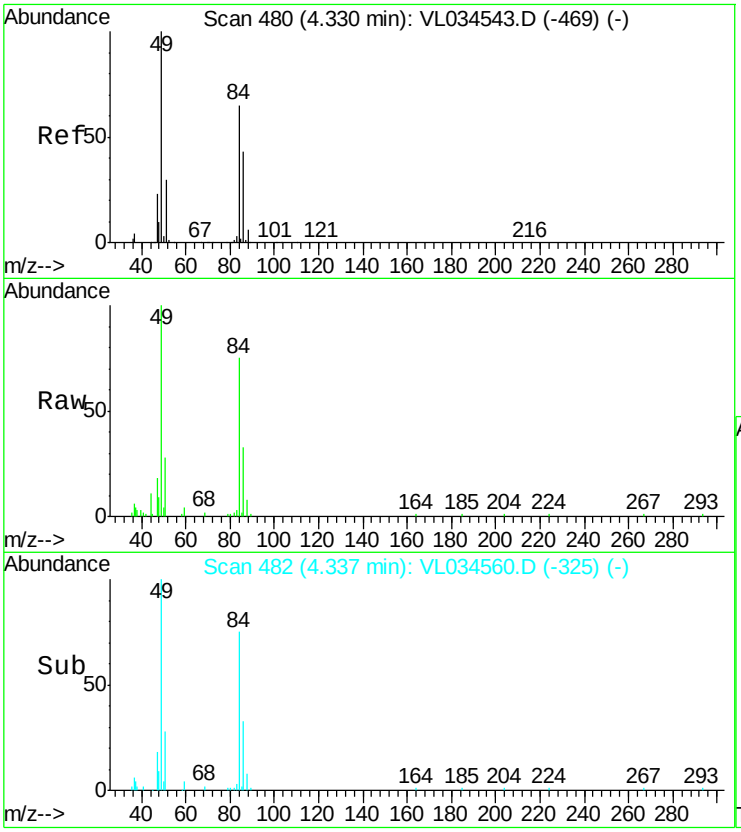


#15
Acetone
Concen: 0.182 ppbv
RT: 3.85 min Scan# 331
Delta R.T. 0.02 min
Lab File: VL034560.D
Acq: 27 Jan 2020 14:17

Tgt Ion: 43 Resp: 24919

Ion	Ratio	Lower	Upper
43	100		
58	39.8	20.4	30.6#



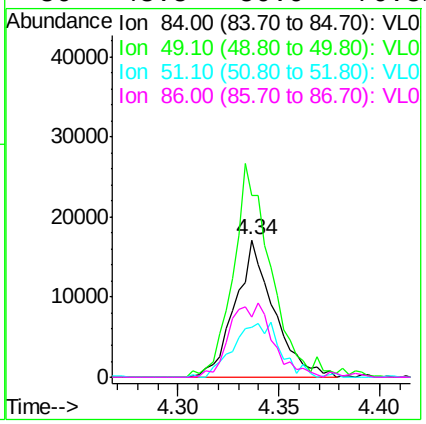


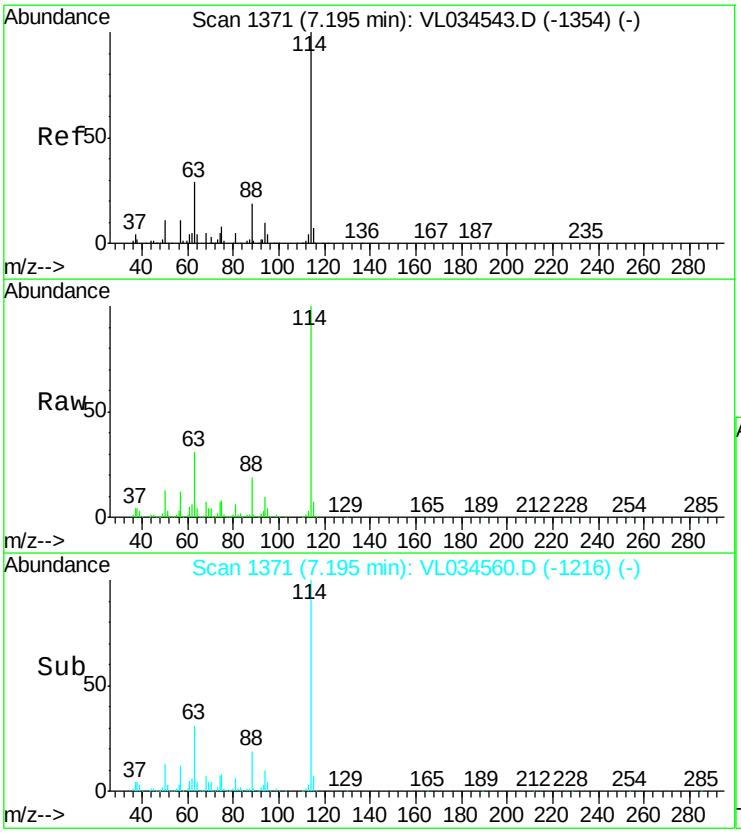
#20
Methylene Chloride
Concen: 0.428 ppbv
RT: 4.34 min Scan# 482
Delta R.T. 0.01 min
Lab File: VL034560.D
Acq: 27 Jan 2020 14:17

Instrument : MSVOA_L
ClientSampleId : QC010620 CAN 10439

Tgt Ion: 84 Resp: 22996

Ion	Ratio	Lower	Upper
84	100		
49	138.3	124.4	186.6
51	36.8	37.0	55.6#
86	43.5	50.9	76.3#

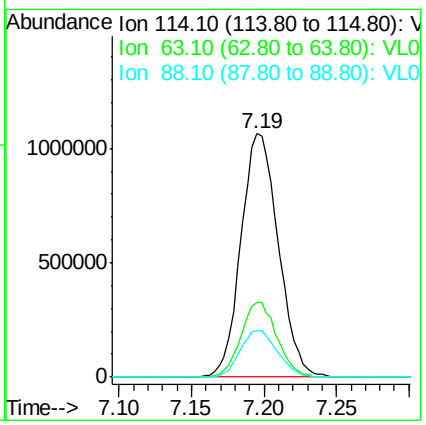


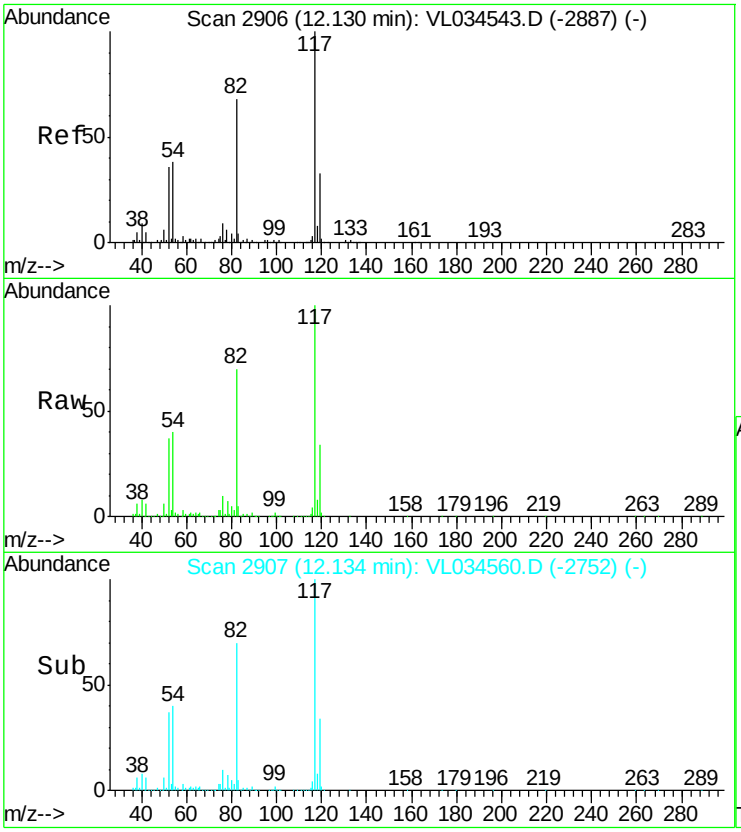


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VL034560.D
Acq: 27 Jan 2020 14:17

Tgt Ion:114 Resp: 1907539

Ion	Ratio	Lower	Upper
114	100		
63	29.9	24.1	36.1
88	19.2	15.7	23.5



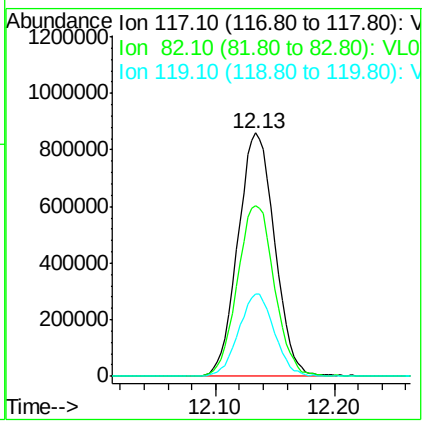


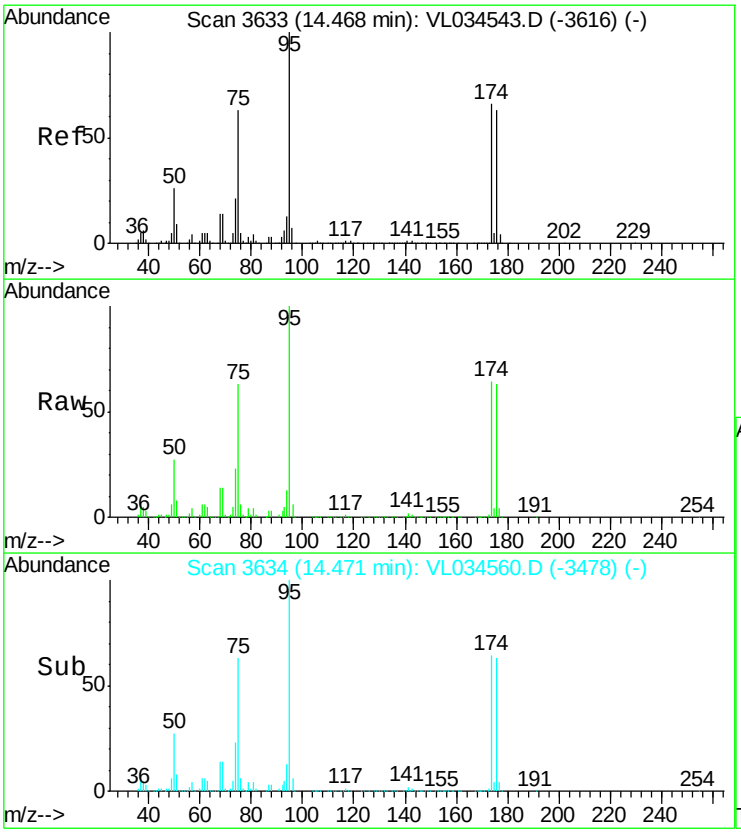
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.13 min Scan# 2907
Delta R.T. -0.00 min
Lab File: VL034560.D
Acq: 27 Jan 2020 14:17

Instrument :
MSVOA_L
ClientSampleId :
QC010620 CAN 10439

Tgt Ion:117 Resp: 1838824

Ion	Ratio	Lower	Upper
117	100		
82	71.0	56.2	84.4
119	33.0	27.1	40.7





#68
1-Bromo-4-Fluorobenzene
Concen: 10.055 ppbv
RT: 14.47 min Scan# 3634
Delta R.T. 0.00 min
Lab File: VL034560.D
Acq: 27 Jan 2020 14:17

Tgt Ion: 95 Resp: 1542871

Ion	Ratio	Lower	Upper
95	100		
174	64.8	52.4	78.6
175	4.7	3.9	5.9