Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031020\
Data File : VL034880.D
Acq On : 11 Mar 2020 00:15
Operator : SY/AP
Sample : L1861-01DUP 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : O-1

Quant Time: Mar 11 08:11:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 09 16:42:53 2020
QLast Update : Mon Mar 09 16:42:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	875208	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	1925081	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	1927022	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.45	95	1544143	10.27	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.70%			
Target Compounds						Qvalue
15) Acetone	3.83	43	42107	0.371	ppbv #	66
20) Methylene Chloride	4.32	84	19487	0.543	ppbv #	68

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

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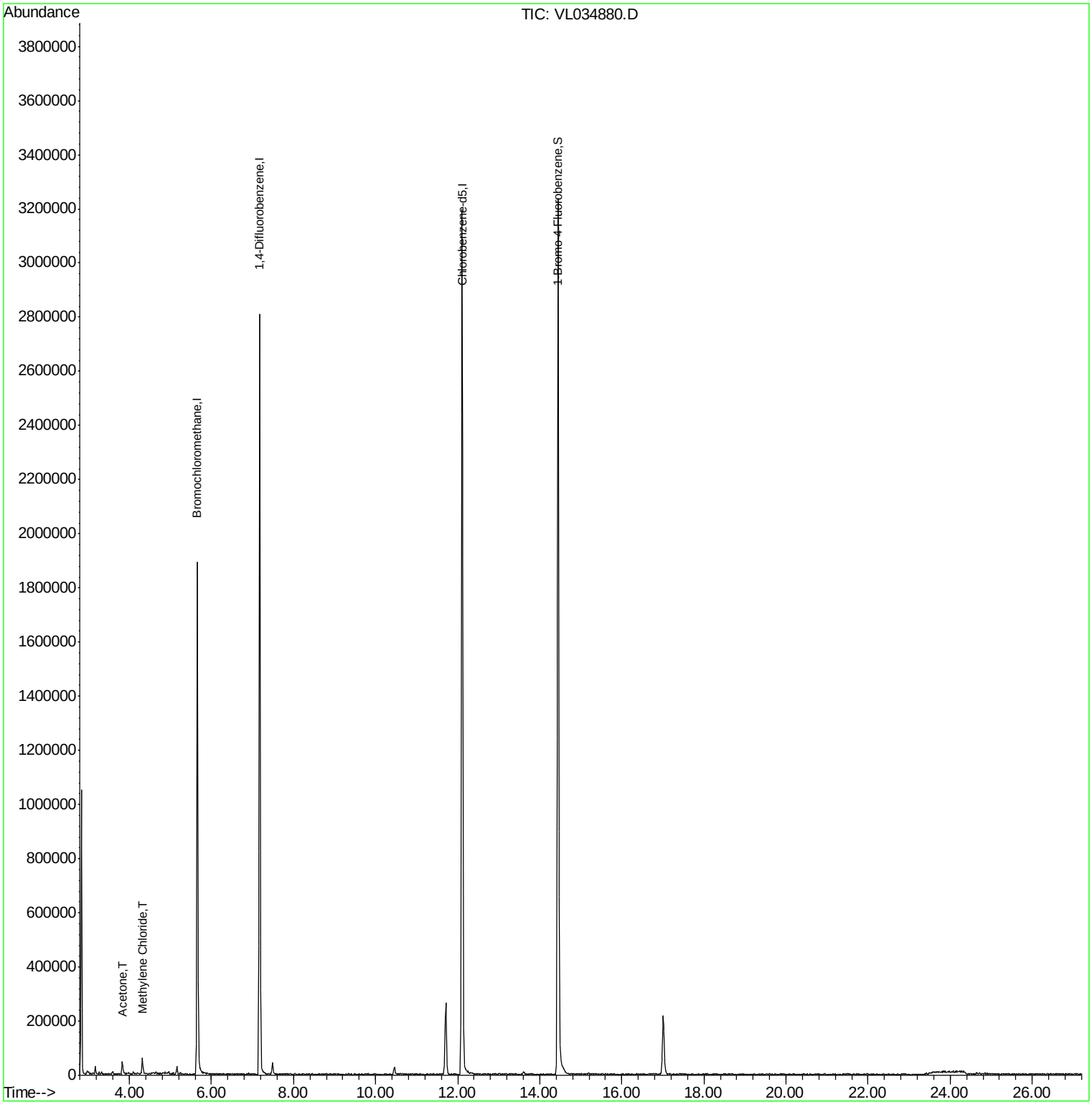
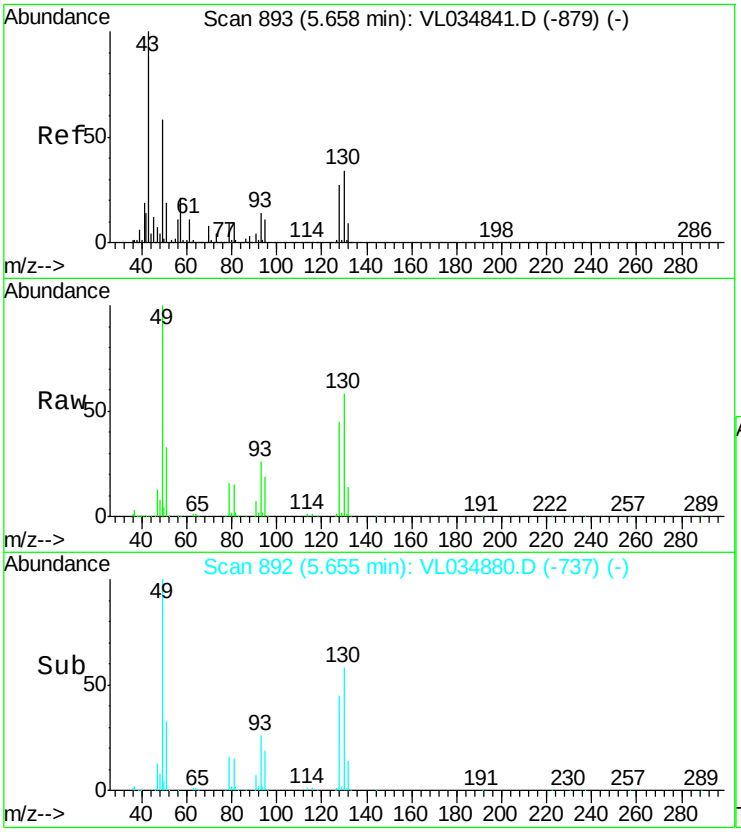


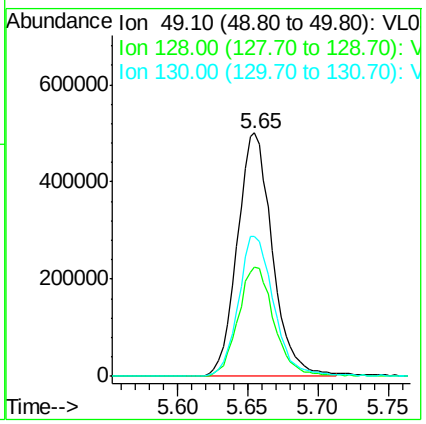


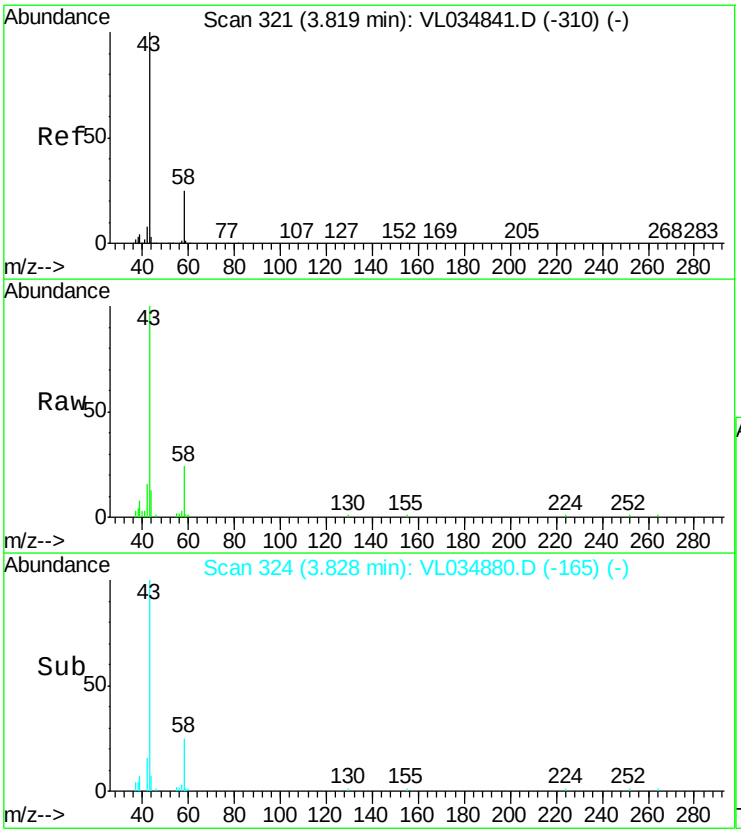
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 892
Delta R.T. -0.00 min
Lab File: VL034880.D
Acq: 11 Mar 2020 00:15

Instrument : MSVOA_L
ClientSampleId : O-1

Tgt Ion: 49 Resp: 875208

Ion	Ratio	Lower	Upper
49	100		
128	46.5	23.4	70.3
130	58.7	30.0	90.0

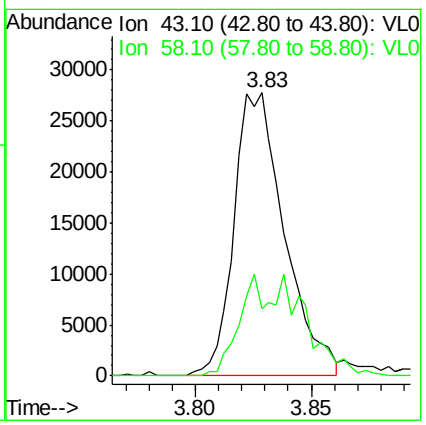


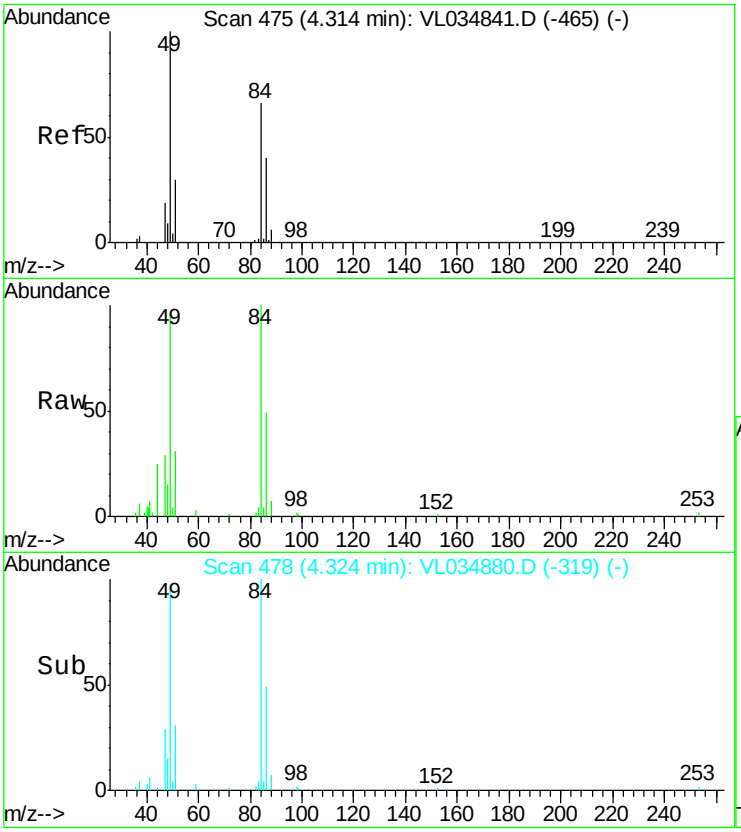


#15
Acetone
Concen: 0.371 ppbv
RT: 3.83 min Scan# 324
Delta R.T. 0.01 min
Lab File: VL034880.D
Acq: 11 Mar 2020 00:15

Tgt Ion: 43 Resp: 42107

Ion	Ratio	Lower	Upper
43	100		
58	43.6	21.0	31.6#



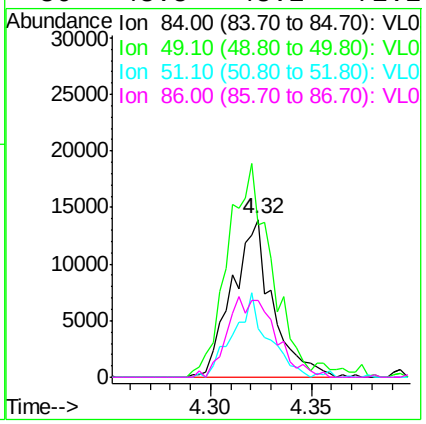


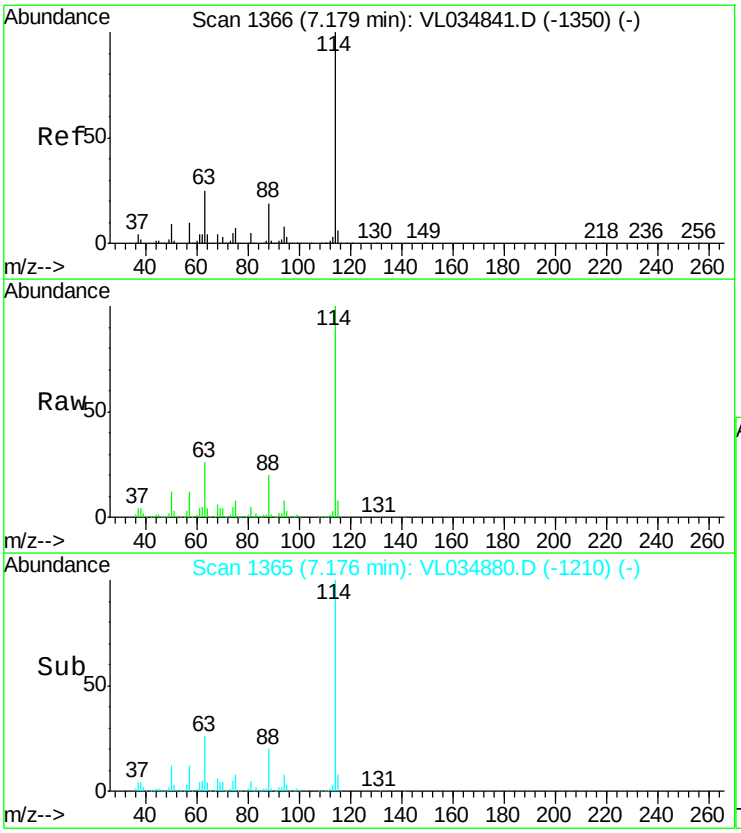
#20
Methylene Chloride
Concen: 0.543 ppbv
RT: 4.32 min Scan# 478
Delta R.T. 0.01 min
Lab File: VL034880.D
Acq: 11 Mar 2020 00:15

Instrument : MSVOA_L
ClientSampleId : O-1

Tgt Ion: 84 Resp: 19487

Ion	Ratio	Lower	Upper
84	100		
49	99.9	121.5	182.3#
51	30.9	36.6	55.0#
86	48.5	48.2	72.2

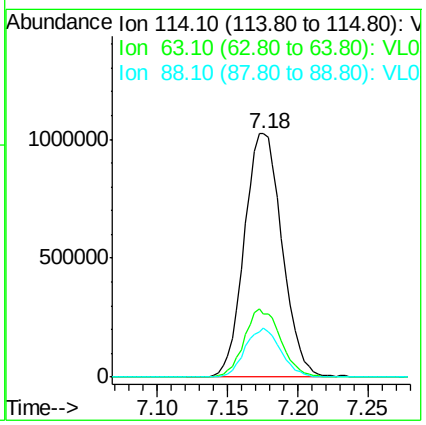


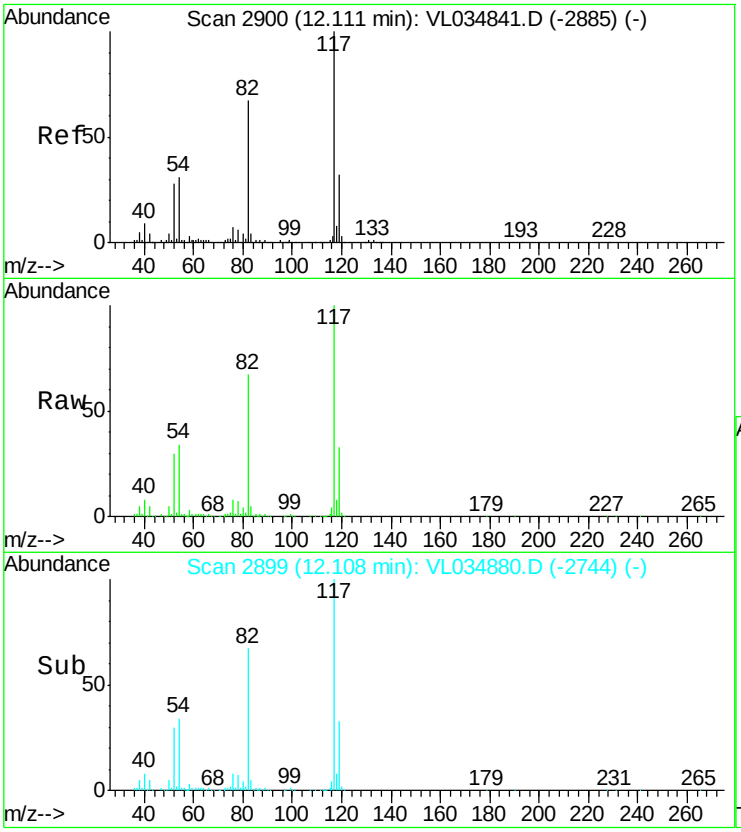


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VL034880.D
Acq: 11 Mar 2020 00:15

Tgt Ion:114 Resp: 1925081

Ion	Ratio	Lower	Upper
114	100		
63	27.1	20.6	31.0
88	19.0	15.0	22.6



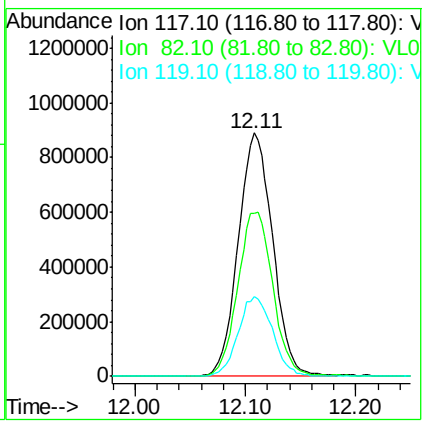


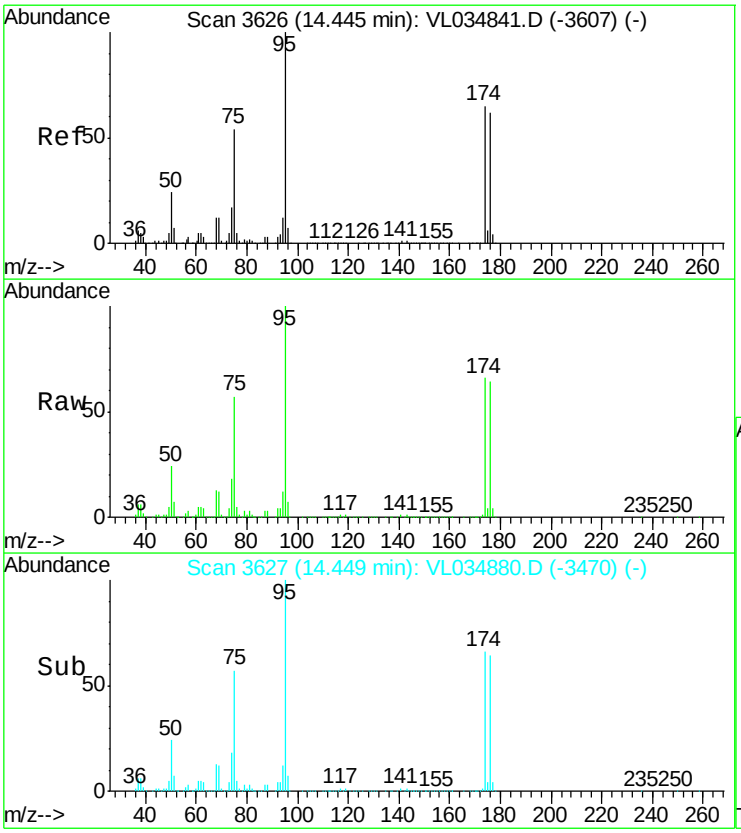
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. -0.00 min
Lab File: VL034880.D
Acq: 11 Mar 2020 00:15

Instrument : MSVOA_L
ClientSampleId : O-1

Tgt Ion:117 Resp: 1927022

Ion	Ratio	Lower	Upper
117	100		
82	68.9	51.1	76.7
119	33.0	27.3	40.9





#68
1-Bromo-4-Fluorobenzene
Concen: 10.275 ppbv
RT: 14.45 min Scan# 3627
Delta R.T. 0.00 min
Lab File: VL034880.D
Acq: 11 Mar 2020 00:15

Tgt Ion: 95 Resp: 1544143

Ion	Ratio	Lower	Upper
95	100		
174	66.6	55.2	82.8
175	4.9	4.3	6.5