Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050620\
Data File : VL034960.D
Acq On : 7 May 2020 8:05
Operator : SY/AP
Sample : L2507-03DL2 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV-1DL2

Quant Time: May 07 10:55:20 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	5.66	49	1146728	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2687426	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2488666	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.46	95	2054336	10.20	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.00%			
Target Compounds						Qvalue
15) Acetone	3.83	43	1087106	7.171	ppbv	100
34) 2-Butanone	5.25	43	81726	0.489	ppbv	100

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

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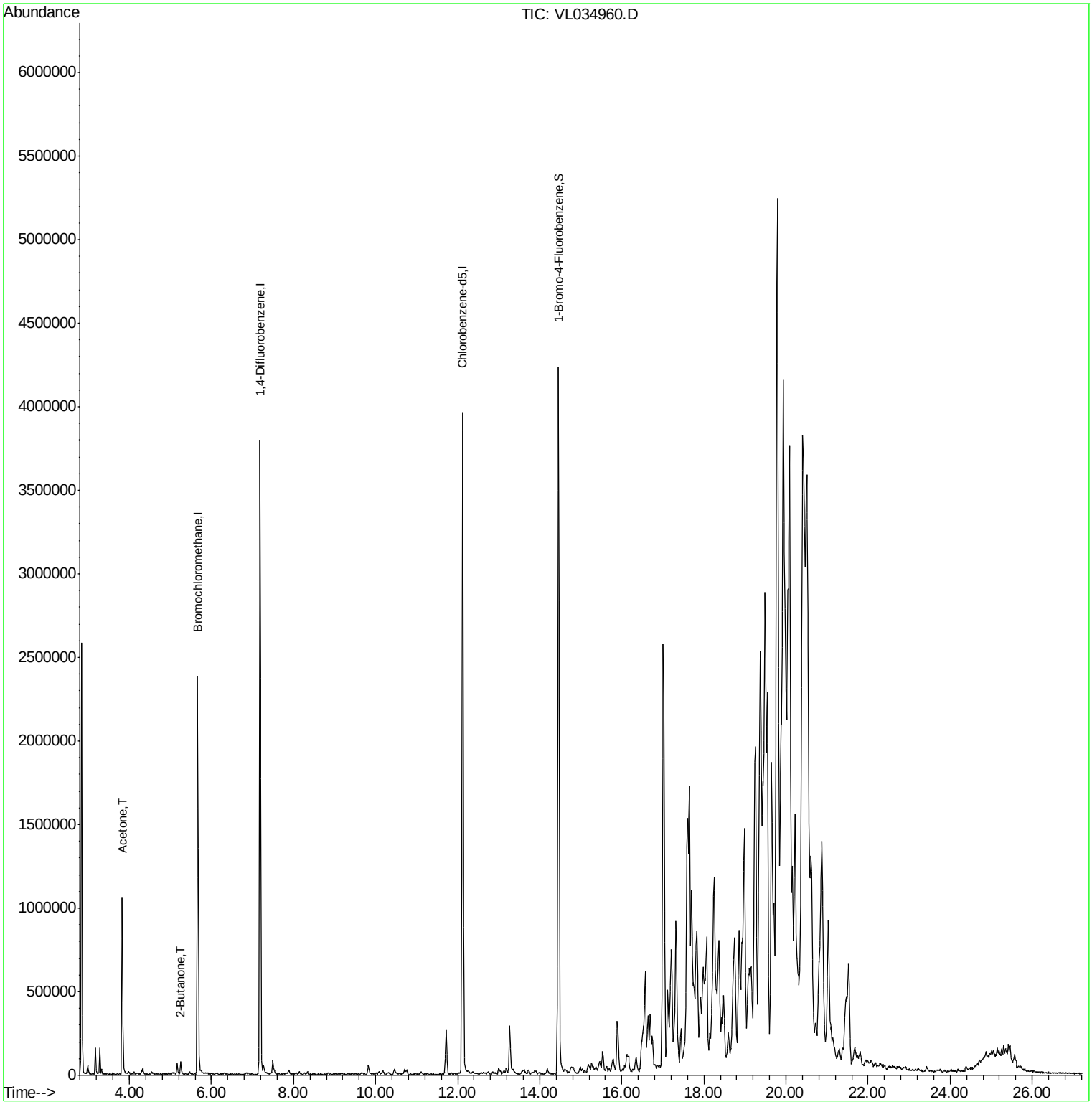
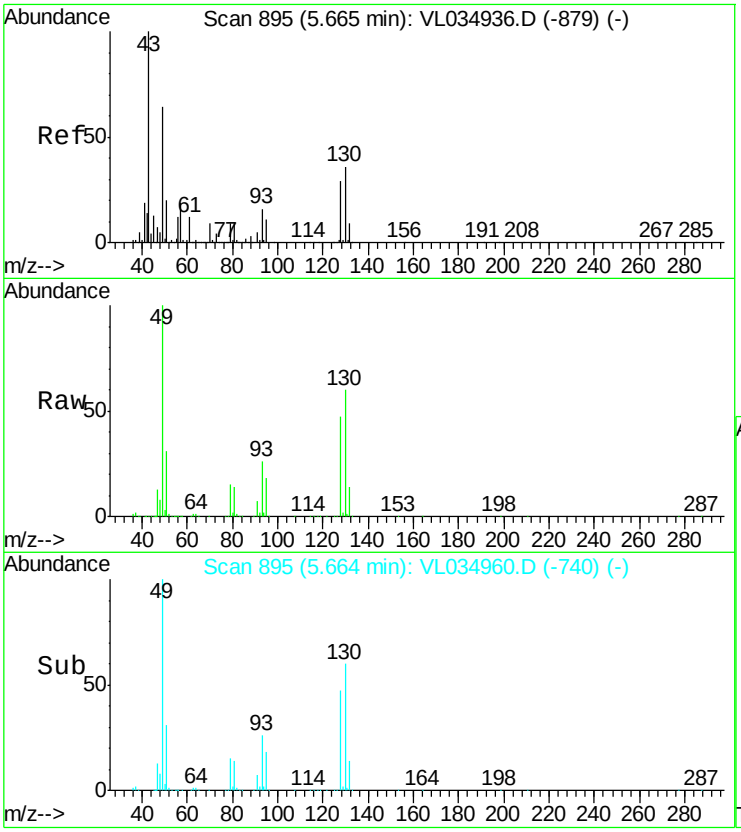


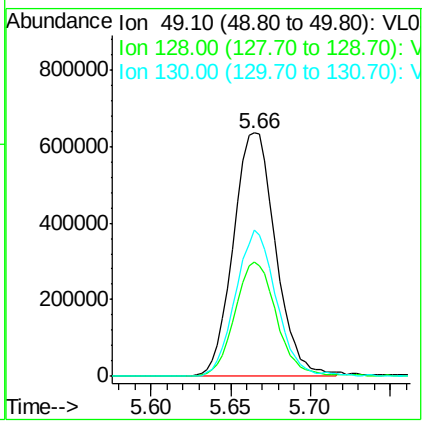


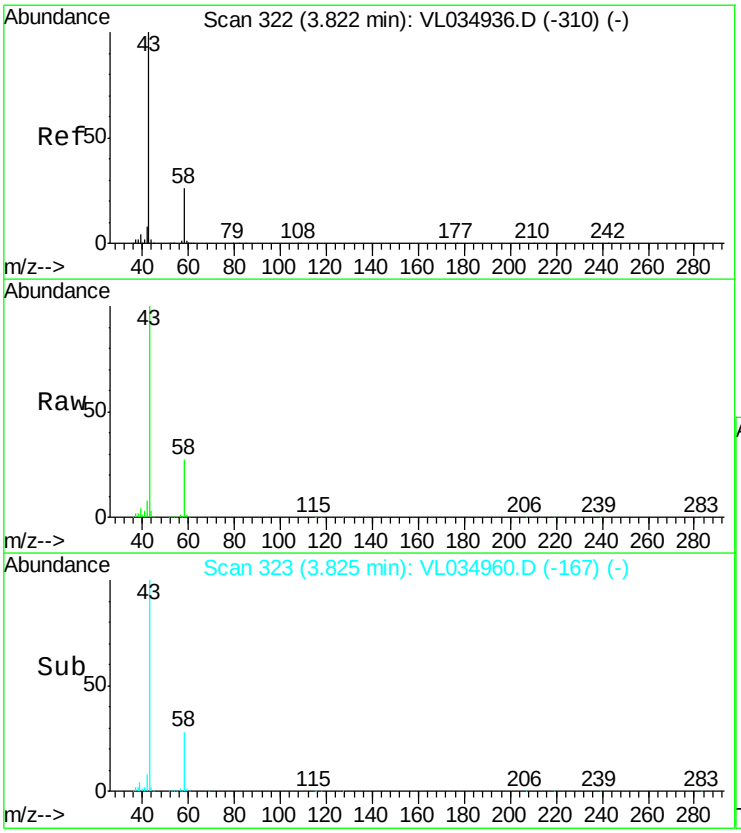
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.00 min
Lab File: VL034960.D
Acq: 7 May 2020 8:05

Instrument :
MSVOA_L
ClientSampleId :
SV-1DL2

Tgt Ion: 49 Resp: 1146728

Ion	Ratio	Lower	Upper
49	100		
128	46.4	22.1	66.5
130	58.8	29.1	87.3

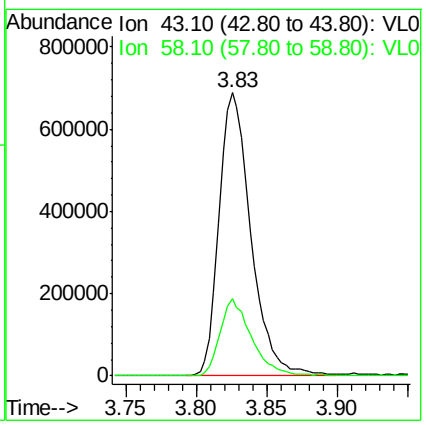


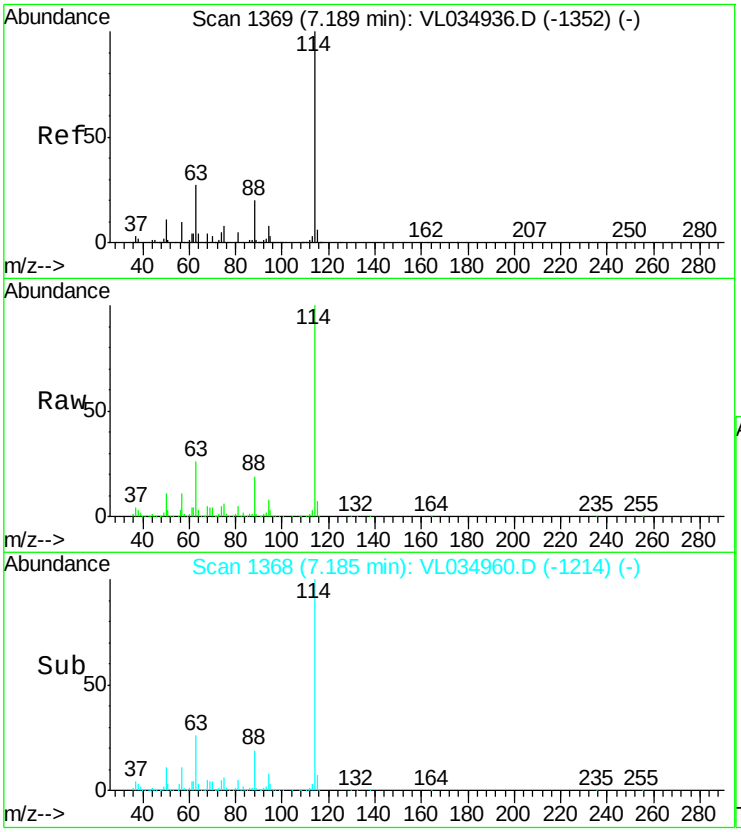


#15
Acetone
Concen: 7.171 ppbv
RT: 3.83 min Scan# 323
Delta R.T. 0.00 min
Lab File: VL034960.D
Acq: 7 May 2020 8:05

Tgt Ion: 43 Resp: 1087106

Ion	Ratio	Lower	Upper
43	100		
58	27.2	21.7	32.5



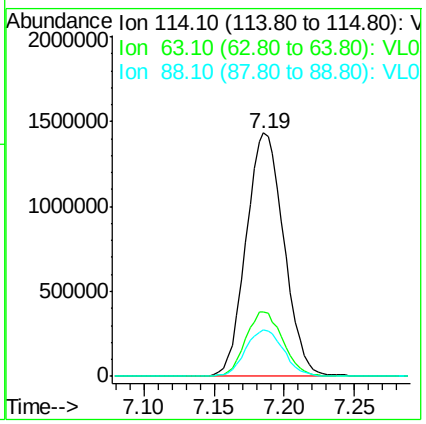


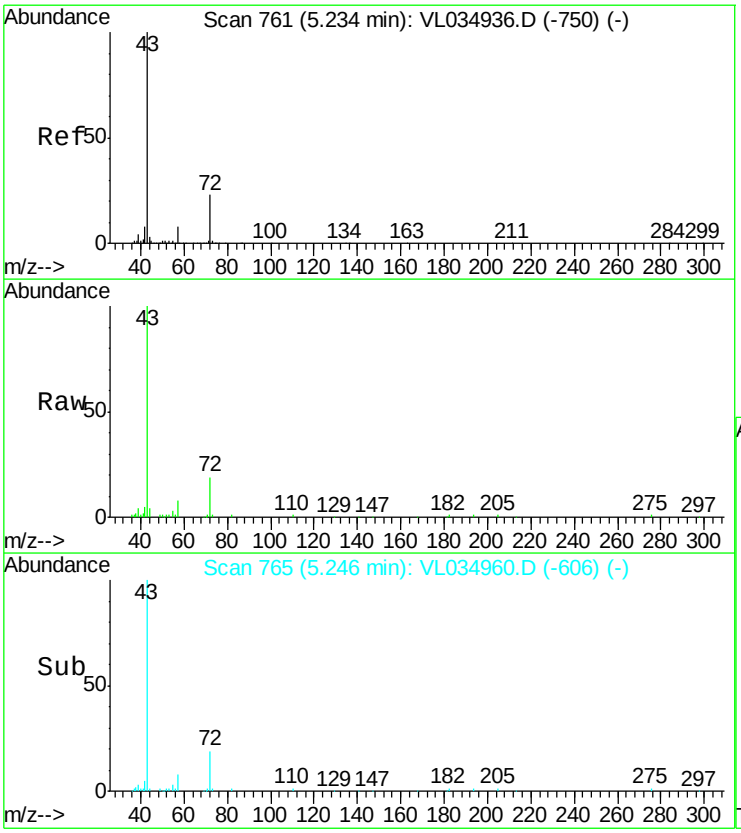
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VL034960.D
Acq: 7 May 2020 8:05

Instrument : MSVOA_L
ClientSampleId : SV-1DL2

Tgt Ion:114 Resp: 2687426

Ion	Ratio	Lower	Upper
114	100		
63	26.3	22.2	33.4
88	19.3	15.5	23.3

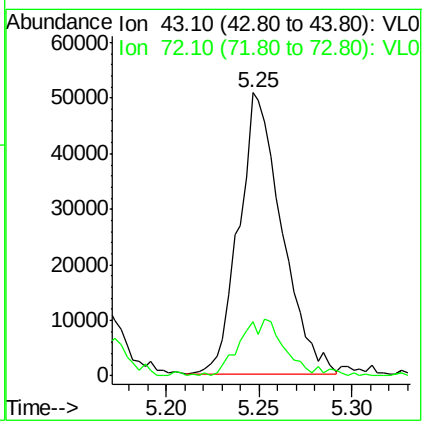


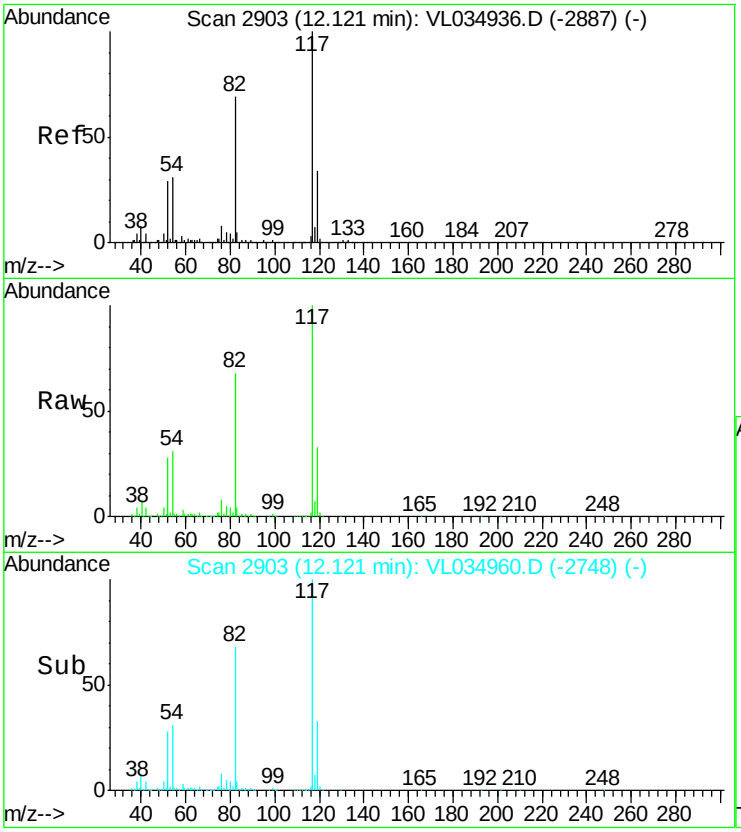


#34
2-Butanone
Concen: 0.489 ppbv
RT: 5.25 min Scan# 765
Delta R.T. 0.01 min
Lab File: VL034960.D
Acq: 7 May 2020 8:05

Tgt Ion: 43 Resp: 81726

Ion	Ratio	Lower	Upper
43	100		
72	22.5	18.0	27.0



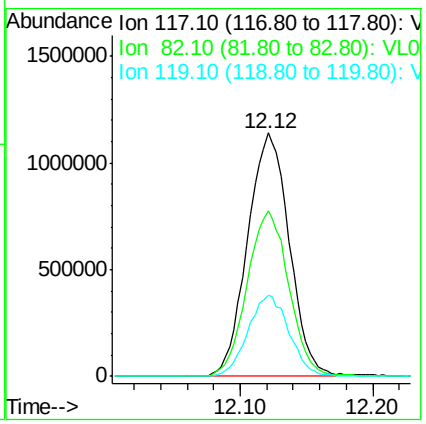


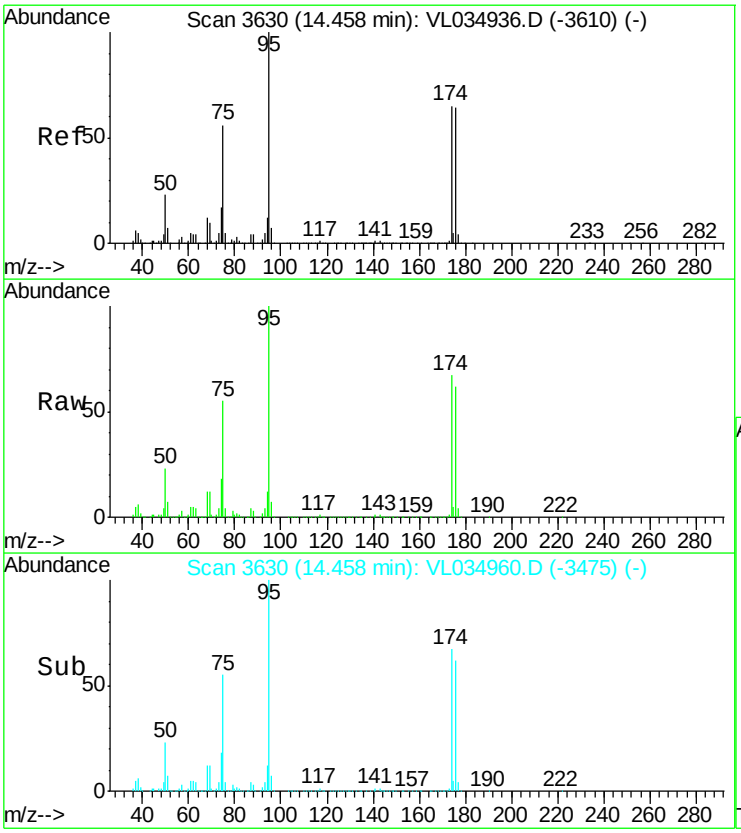
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. -0.00 min
Lab File: VL034960.D
Acq: 7 May 2020 8:05

Instrument :
MSVOA_L
ClientSampleId :
SV-1DL2

Tgt Ion:117 Resp: 2488666

Ion	Ratio	Lower	Upper
117	100		
82	68.5	53.1	79.7
119	33.3	26.7	40.1





#68
1-Bromo-4-Fluorobenzene
Concen: 10.198 ppbv
RT: 14.46 min Scan# 3630
Delta R.T. -0.00 min
Lab File: VL034960.D
Acq: 7 May 2020 8:05

Tgt Ion: 95 Resp: 2054336

Ion	Ratio	Lower	Upper
95	100		
174	66.9	51.5	77.3
175	5.2	3.8	5.8