Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030620\
Data File : VL034828.D
Acq On : 6 Mar 2020 23:45
Operator : SY/AP
Sample : L1698-05DL 300X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SS-5-4DL

Quant Time: Mar 07 09:20:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030420AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 04 06:36:39 2020
QLast Update : Wed Mar 04 06:36:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	918276	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.19	114	2108074	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.12	117	2075230	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.45	95	1649243	9.53	ppbv	-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.30%			
Target Compounds						Qvalue
26) Hexane	5.69	57	1009495	12.161	ppbv #	41
30) Cyclohexane	7.14	84	1034592	16.291	ppbv	99

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

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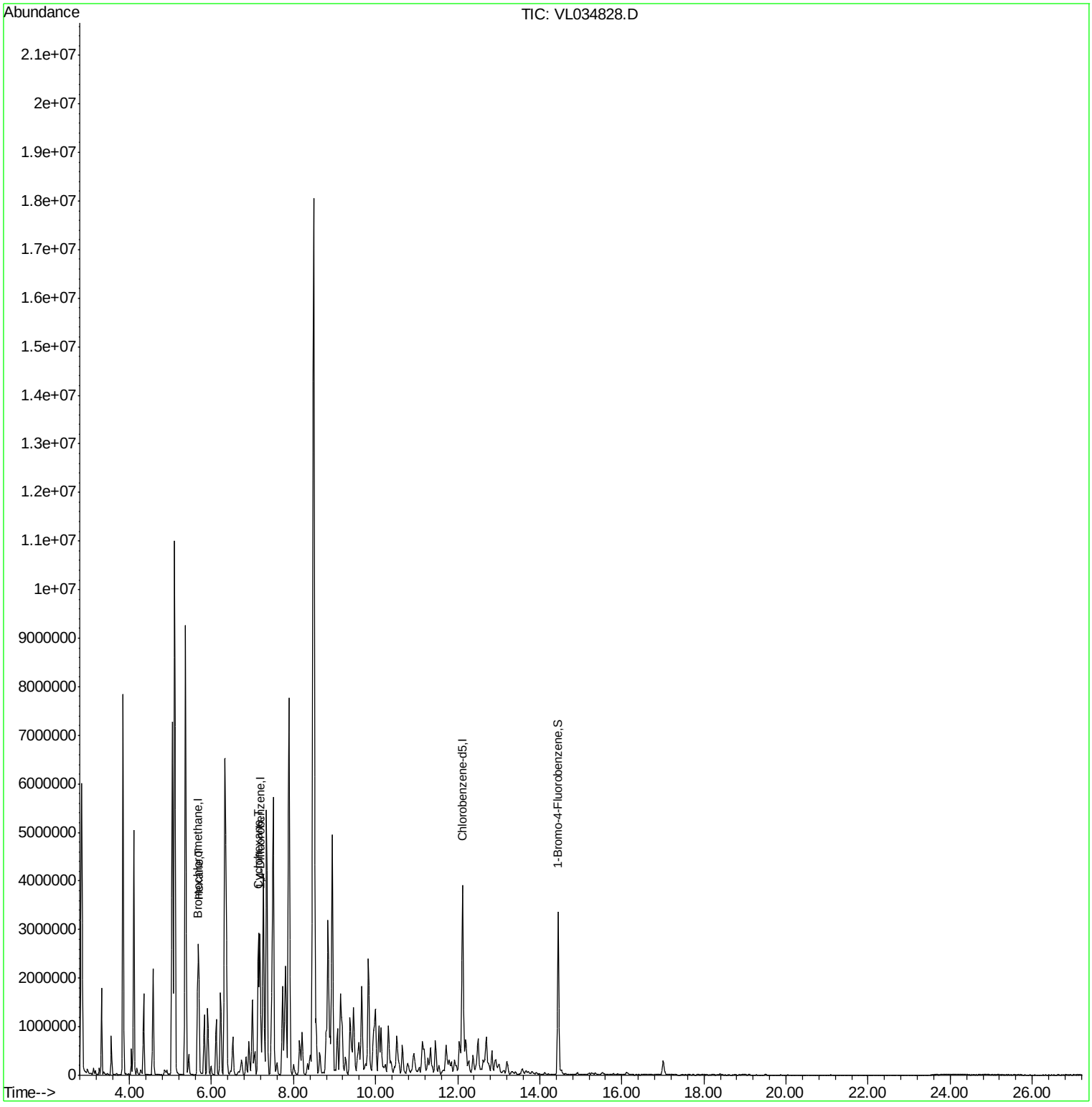
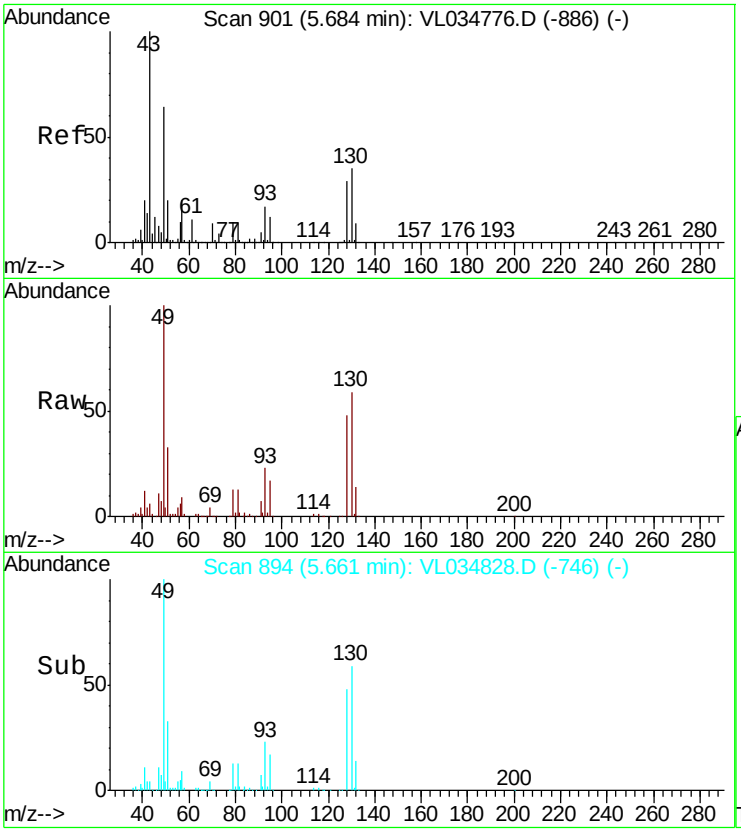


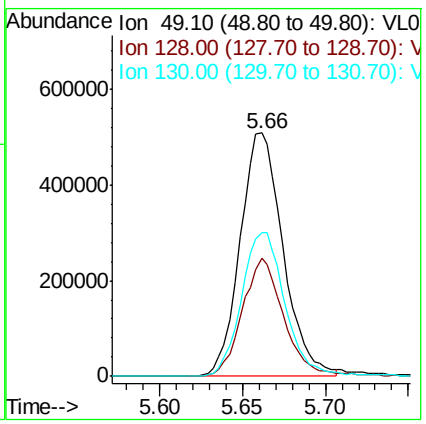


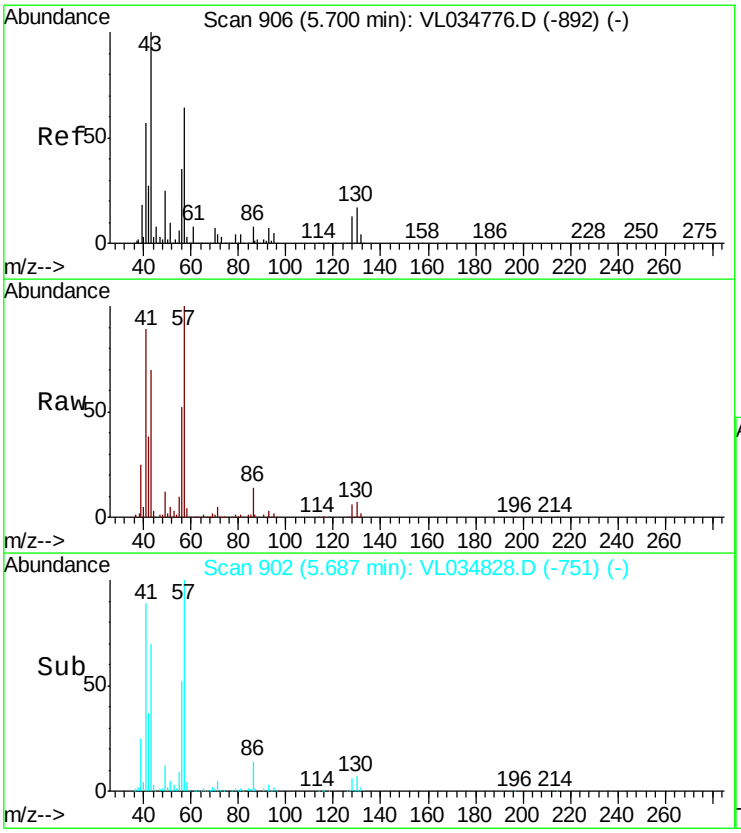
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.02 min
Lab File: VL034828.D
Acq: 6 Mar 2020 23:45

Instrument :
MSVOA_L
ClientSampleId :
SS-5-4DL

Tgt Ion: 49 Resp: 918276

Ion	Ratio	Lower	Upper
49	100		
128	47.1	21.6	64.6
130	60.7	27.4	82.2

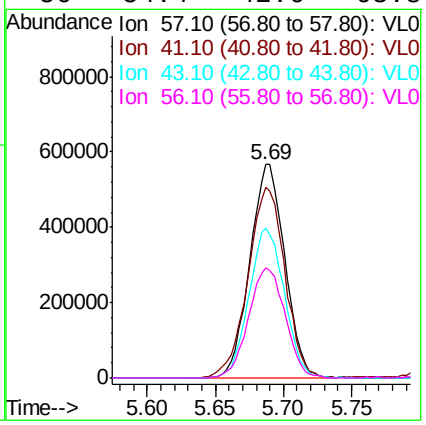


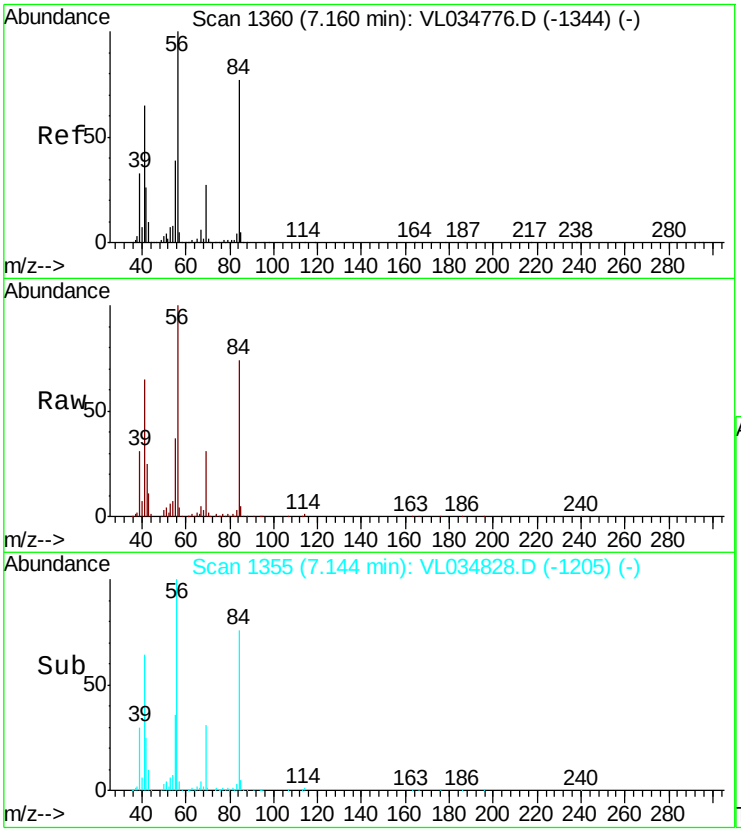


#26
Hexane
Concen: 12.161 ppbv
RT: 5.69 min Scan# 902
Delta R.T. -0.01 min
Lab File: VL034828.D
Acq: 6 Mar 2020 23:45

Tgt Ion: 57 Resp: 1009495

Ion	Ratio	Lower	Upper
57	100		
41	94.3	72.0	108.0
43	71.2	179.1	268.7#
56	54.4	42.6	63.8



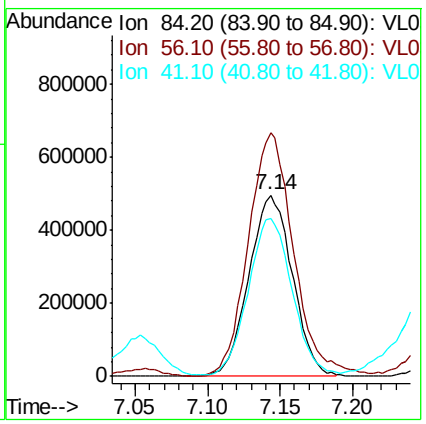


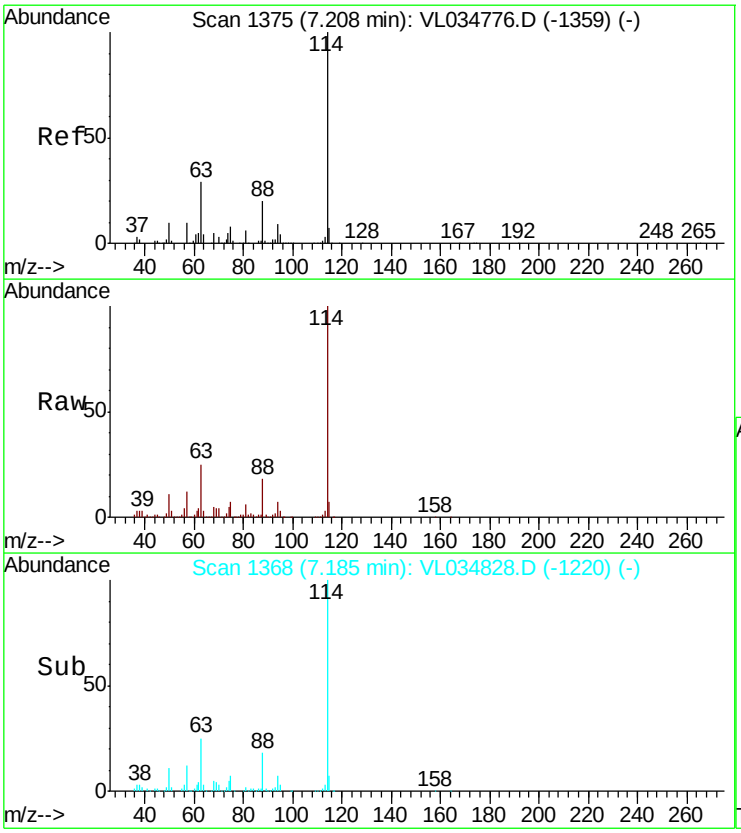
#30
Cyclohexane
Concen: 16.291 ppbv
RT: 7.14 min Scan# 1355
Delta R.T. -0.02 min
Lab File: VL034828.D
Acq: 6 Mar 2020 23:45

Instrument : MSVOA_L
ClientSampleId : SS-5-4DL

Tgt Ion: 84 Resp: 1034592

Ion	Ratio	Lower	Upper
84	100		
56	139.6	113.2	169.8
41	86.6	70.2	105.4

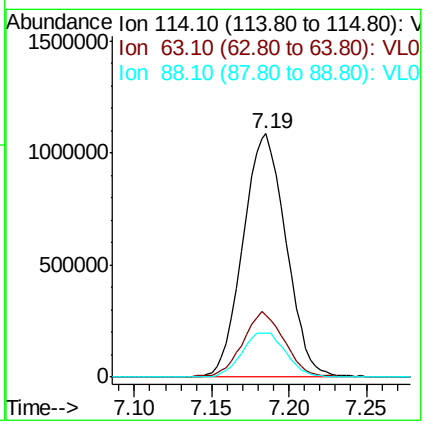


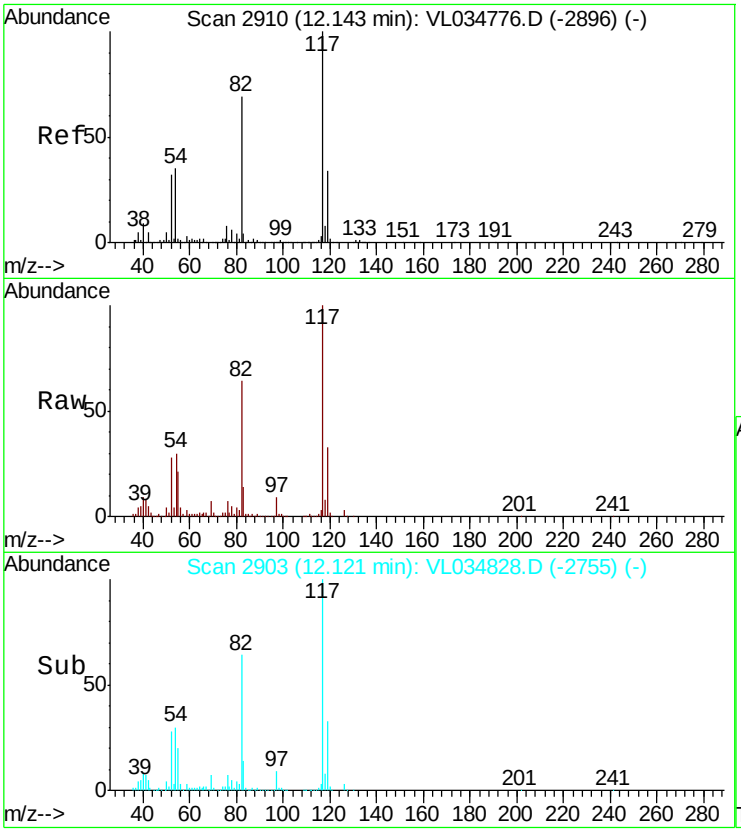


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. -0.02 min
Lab File: VL034828.D
Acq: 6 Mar 2020 23:45

Tgt Ion:114 Resp: 2108074

Ion	Ratio	Lower	Upper
114	100		
63	26.3	23.6	35.4
88	18.7	15.8	23.8



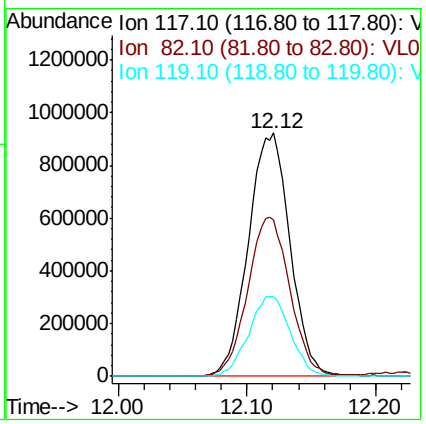


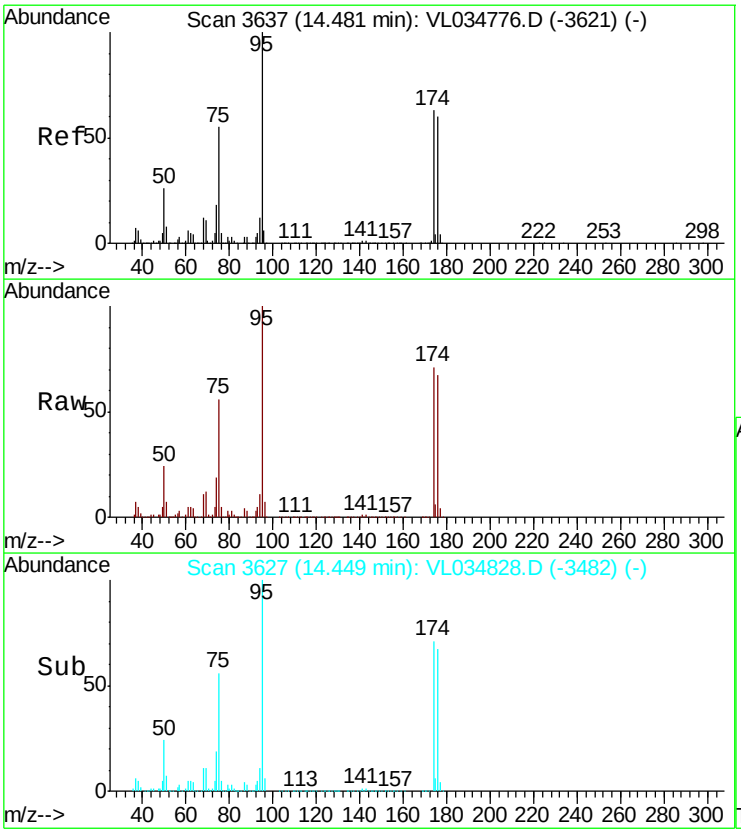
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. -0.02 min
Lab File: VL034828.D
Acq: 6 Mar 2020 23:45

Instrument :
MSVOA_L
ClientSampleId :
SS-5-4DL

Tgt Ion:117 Resp: 2075230

Ion	Ratio	Lower	Upper
117	100		
82	66.2	53.9	80.9
119	33.1	25.0	37.4





#68
1-Bromo-4-Fluorobenzene
Concen: 9.531 ppbv
RT: 14.45 min Scan# 3627
Delta R.T. -0.03 min
Lab File: VL034828.D
Acq: 6 Mar 2020 23:45

Tgt Ion: 95 Resp: 1649243

Ion	Ratio	Lower	Upper
95	100		
174	69.9	50.6	76.0
175	5.3	3.8	5.6