Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL073020\
Data File : VL035265.D
Acq On : 30 Jul 2020 4:06
Operator : SY/AP
Sample : VL0730ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0730ABL01

Quant Time: Jul 30 07:52:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL072920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 29 07:14:29 2020
QLast Update : Wed Jul 29 07:14:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1135696	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2782903	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2646453	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.46	95	2143840	10.14	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.40%			
Target Compounds						Qvalue
15) Acetone	3.84	43	32614	0.215	ppbv #	48
20) Methylene Chloride	4.32	84	11284m	0.164	ppbv	

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

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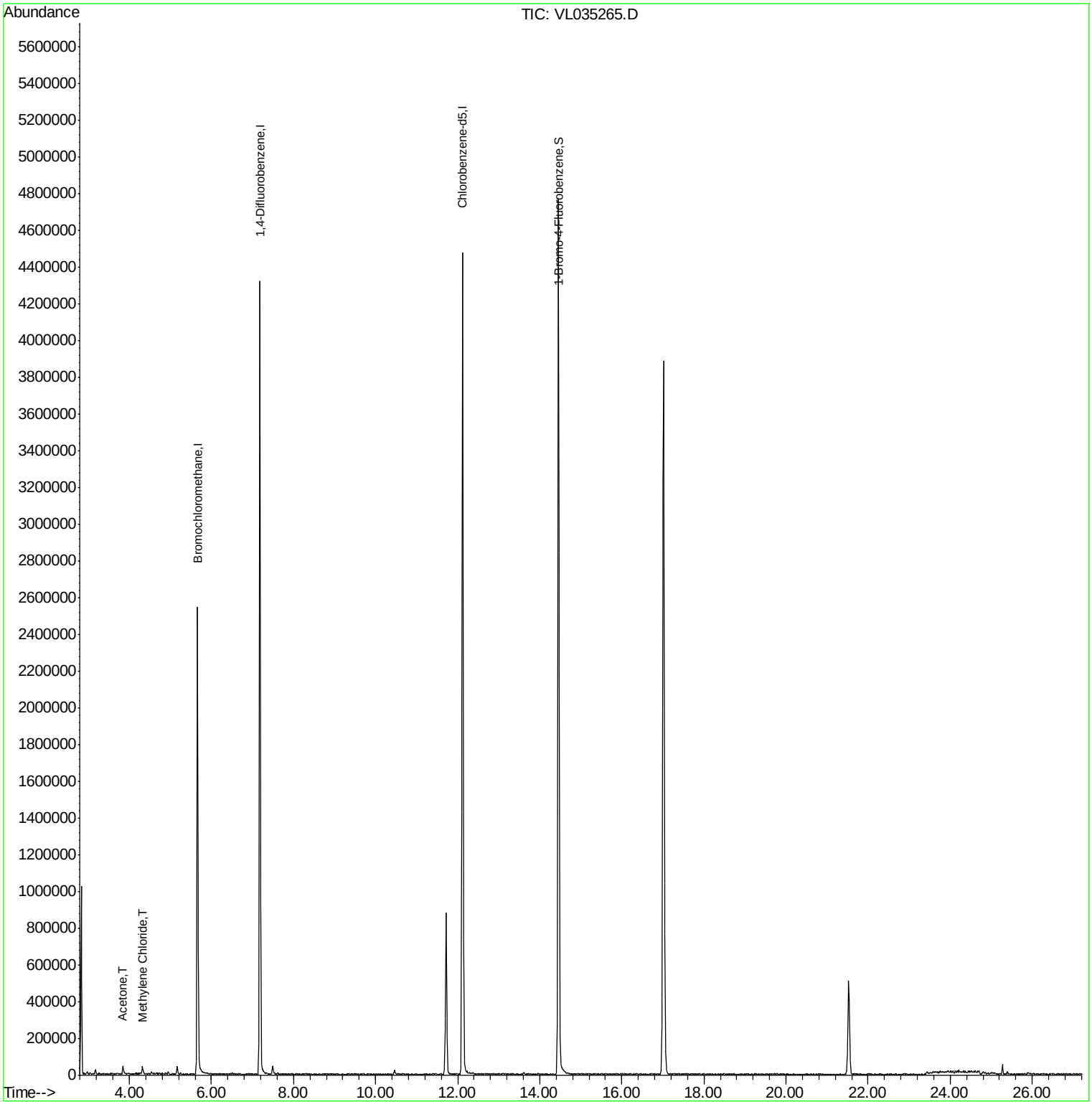
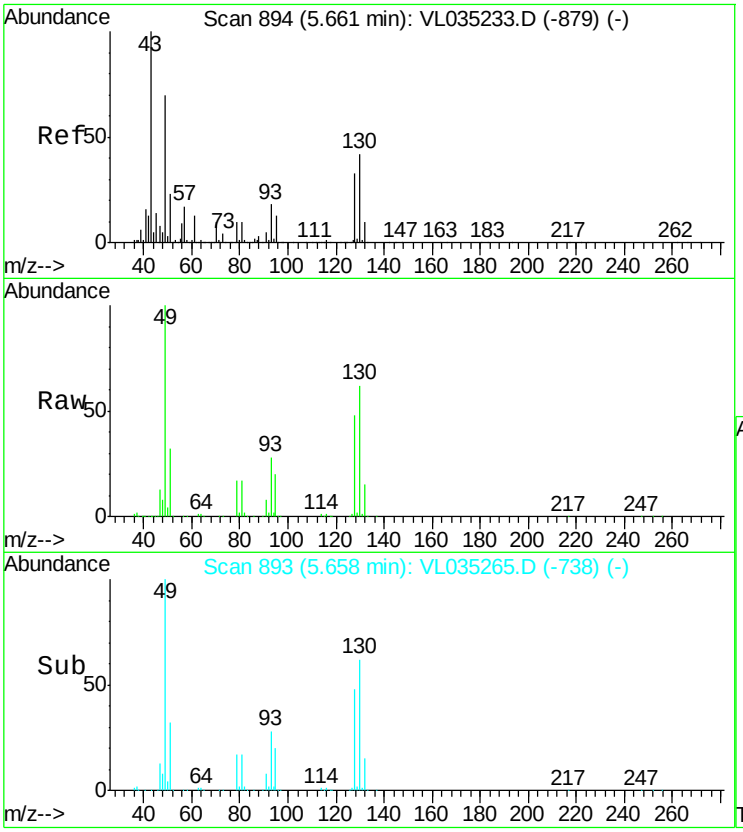


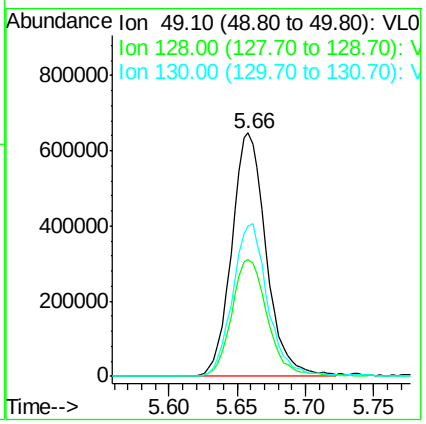


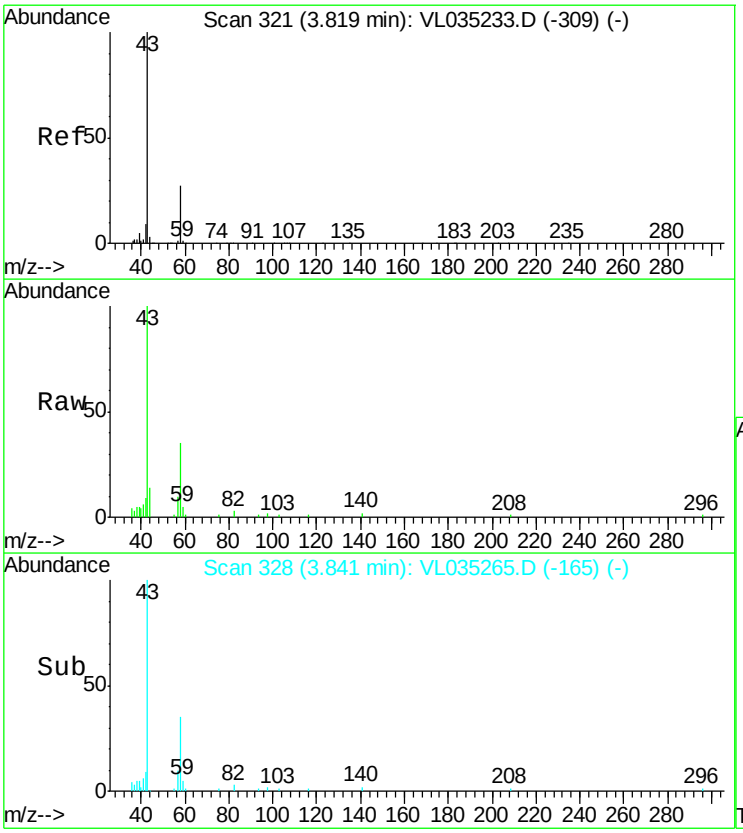
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.00 min
Lab File: VL035265.D
Acq: 30 Jul 2020 4:06

Instrument : MSVOA_L
ClientSampleId : VL0730ABL01

Tgt Ion: 49 Resp: 1135696

Ion	Ratio	Lower	Upper
49	100		
128	49.7	24.0	72.0
130	64.4	30.7	92.1

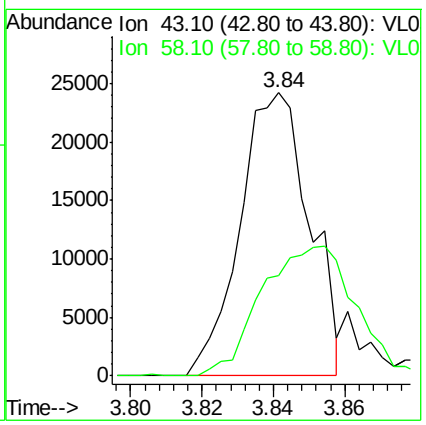


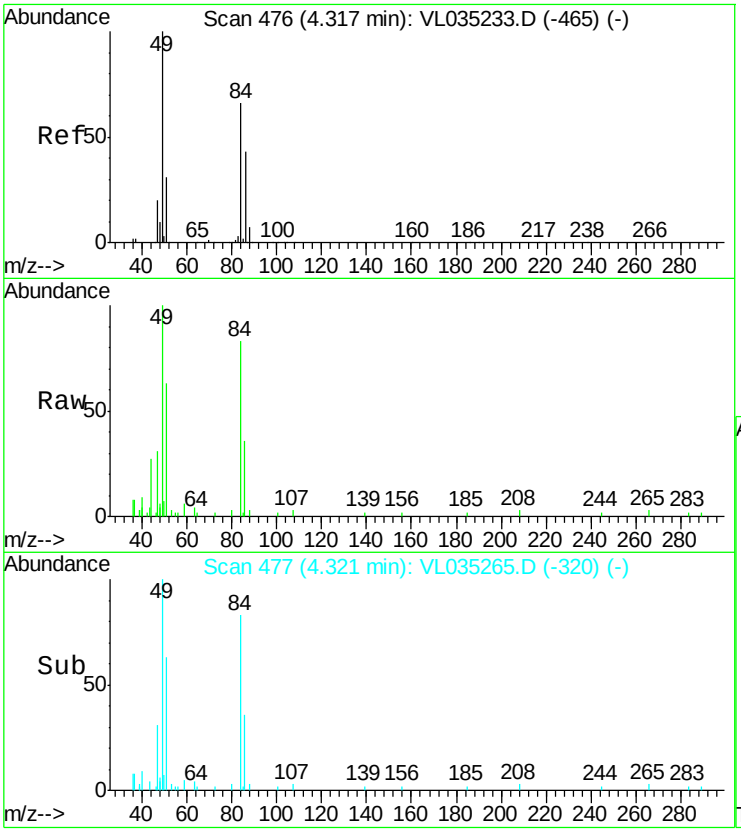


#15
Acetone
Concen: 0.215 ppbv
RT: 3.84 min Scan# 328
Delta R.T. 0.02 min
Lab File: VL035265.D
Acq: 30 Jul 2020 4:06

Tgt Ion: 43 Resp: 32614

Ion	Ratio	Lower	Upper
43	100		
58	0.0	21.8	32.6#



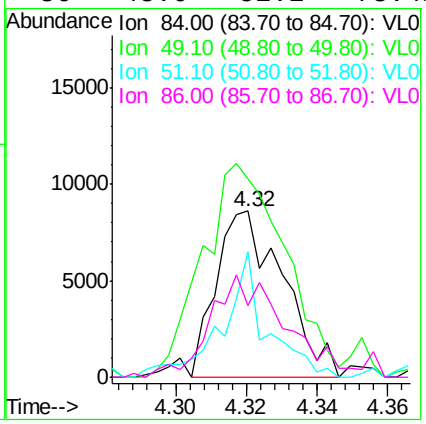


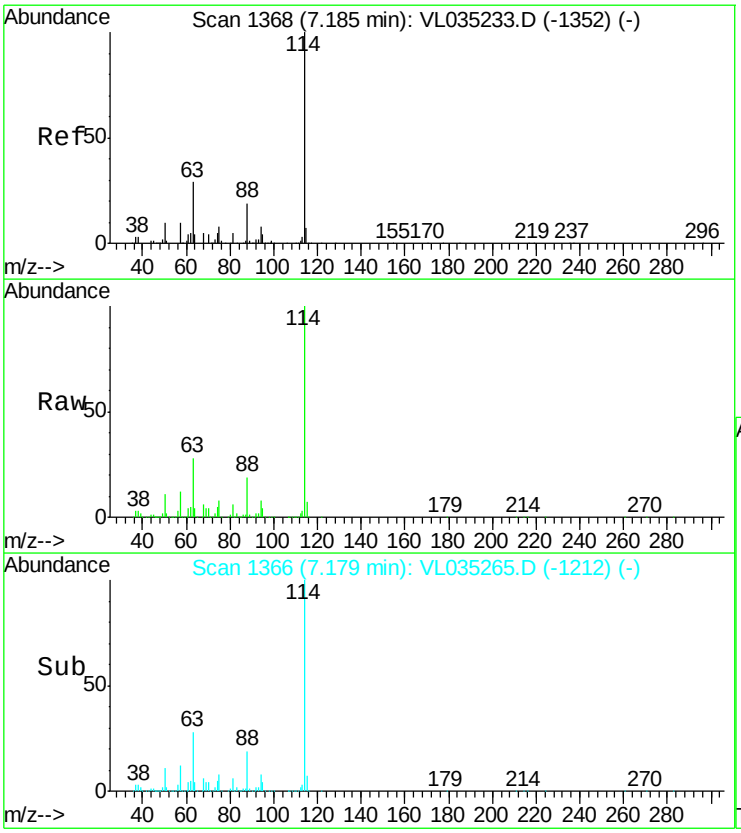
#20
Methylene Chloride
Concen: 0.164 ppbv m
RT: 4.32 min Scan# 477
Delta R.T. 0.00 min
Lab File: VL035265.D
Acq: 30 Jul 2020 4:06

Instrument : MSVOA_L
ClientSampleId : VL0730ABL01

Tgt Ion: 84 Resp: 11284

Ion	Ratio	Lower	Upper
84	100		
49	119.8	121.0	181.4#
51	75.8	37.7	56.5#
86	43.0	52.2	78.4#

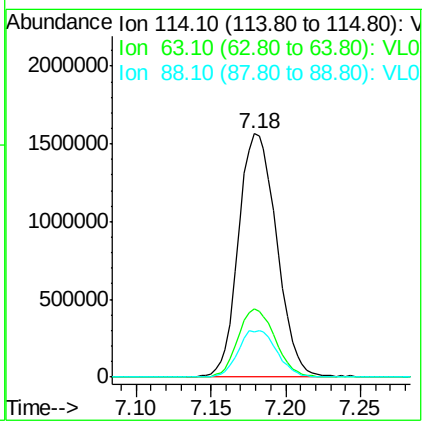


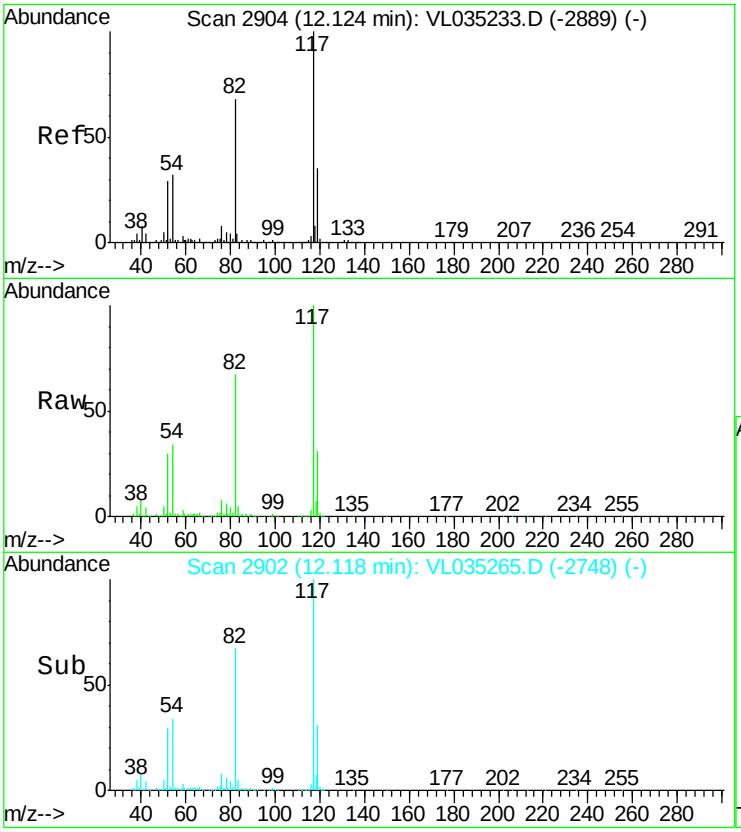


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. -0.01 min
Lab File: VL035265.D
Acq: 30 Jul 2020 4:06

Tgt Ion:114 Resp: 2782903

Ion	Ratio	Lower	Upper
114	100		
63	27.5	22.2	33.2
88	19.4	15.4	23.0



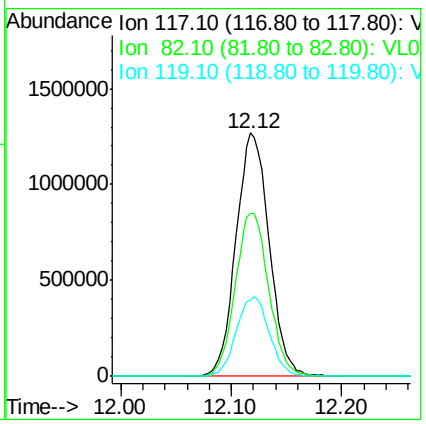


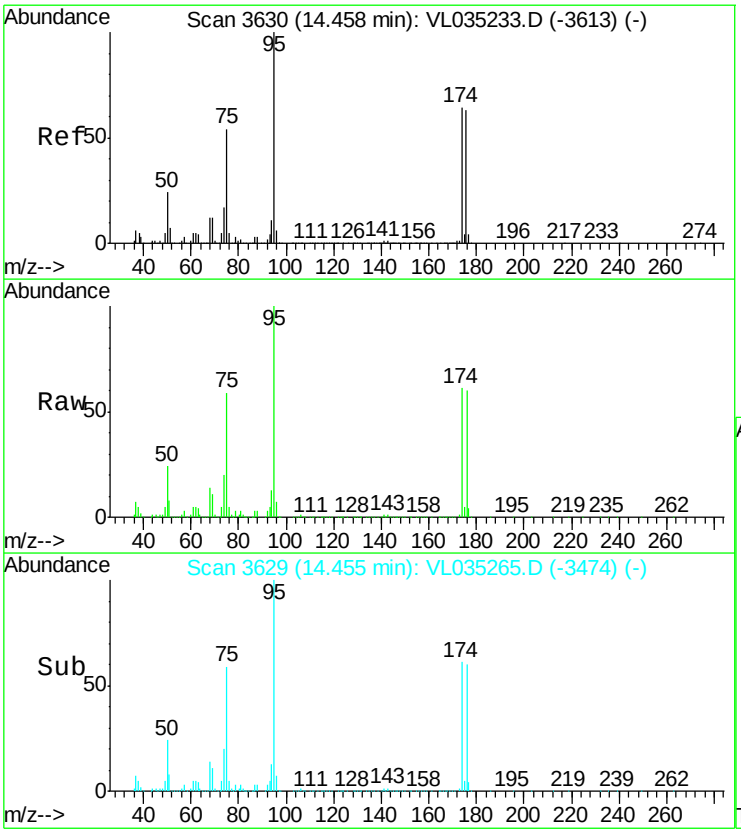
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. -0.01 min
Lab File: VL035265.D
Acq: 30 Jul 2020 4:06

Instrument : MSVOA_L
ClientSampleId : VL0730ABL01

Tgt Ion:117 Resp: 2646453

Ion	Ratio	Lower	Upper
117	100		
82	67.7	52.4	78.6
119	32.6	24.6	36.8





#68
1-Bromo-4-Fluorobenzene
Concen: 10.138 ppbv
RT: 14.46 min Scan# 3629
Delta R.T. -0.00 min
Lab File: VL035265.D
Acq: 30 Jul 2020 4:06

Tgt Ion: 95 Resp: 2143840

Ion	Ratio	Lower	Upper
95	100		
174	64.0	52.7	79.1
175	4.8	3.9	5.9