Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071620\
Data File : VL035191.D
Acq On : 16 Jul 2020 11:24
Operator : SY/AP
Sample : VL0716ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0716ABL01

Quant Time: Jul 17 05:57:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL070820AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 08 07:05:23 2020
QLast Update : Wed Jul 08 07:05:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.63	49	1172545	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	2834067	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.08	117	2593792	10.00	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	2132327	10.12	ppbv	-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.20%			
Target Compounds						Qvalue
15) Acetone	3.82	43	34529m	0.218	ppbv	
20) Methylene Chloride	4.29	84	9172	0.133	ppbv	# 77

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

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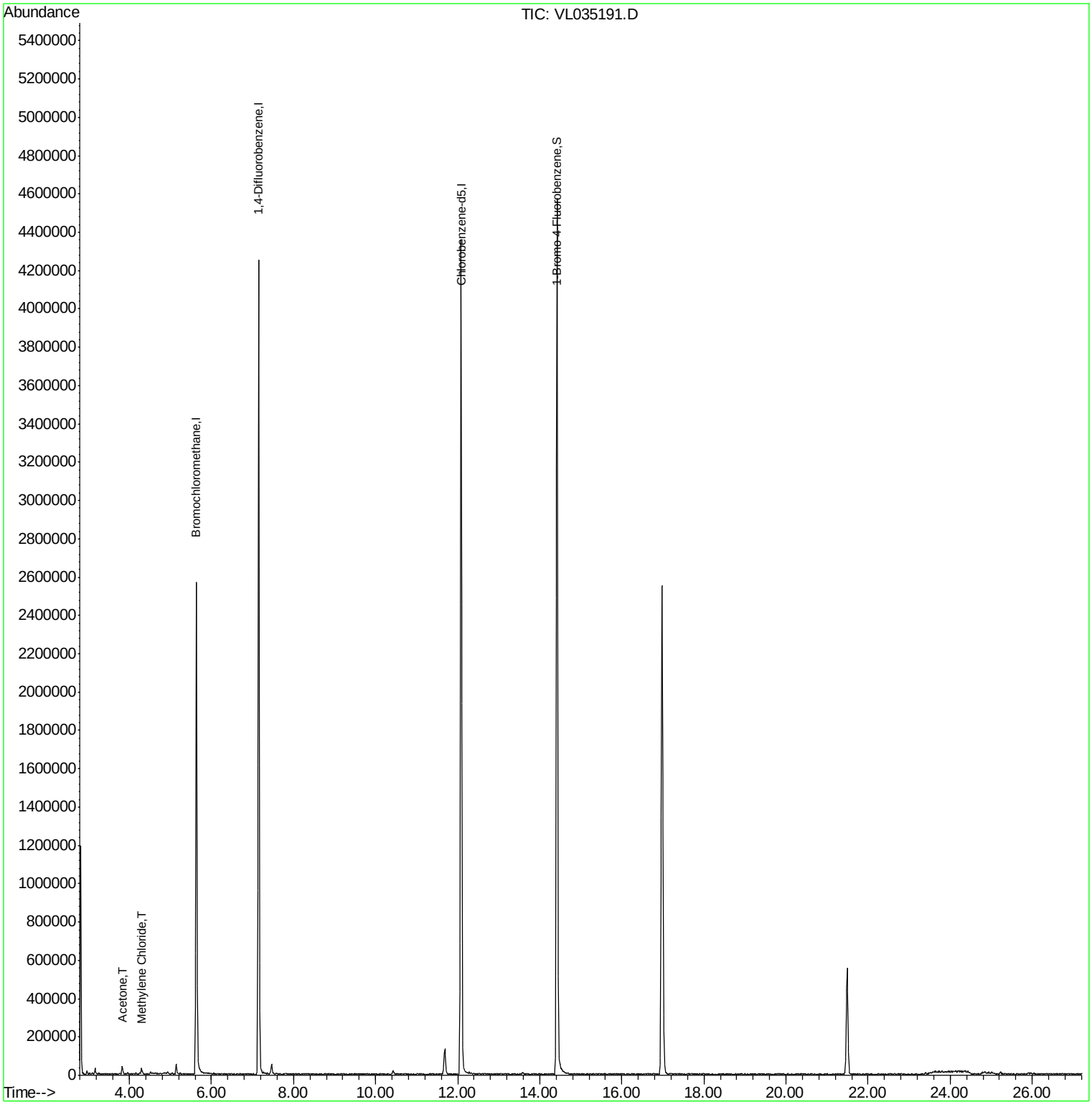
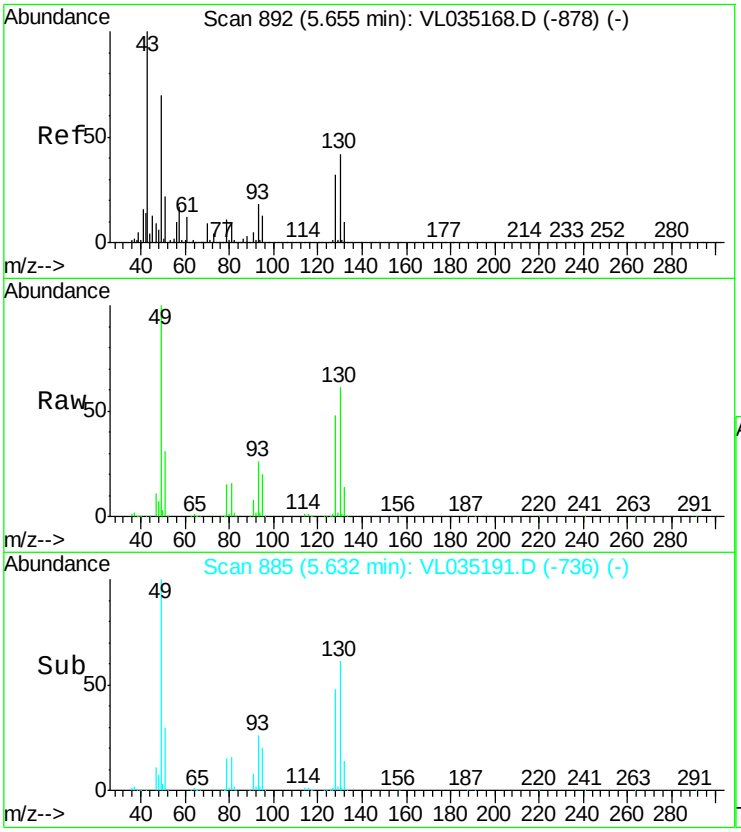


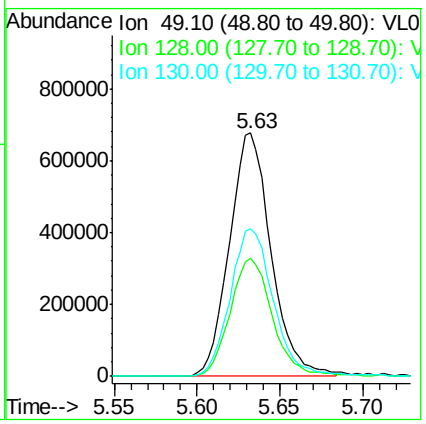


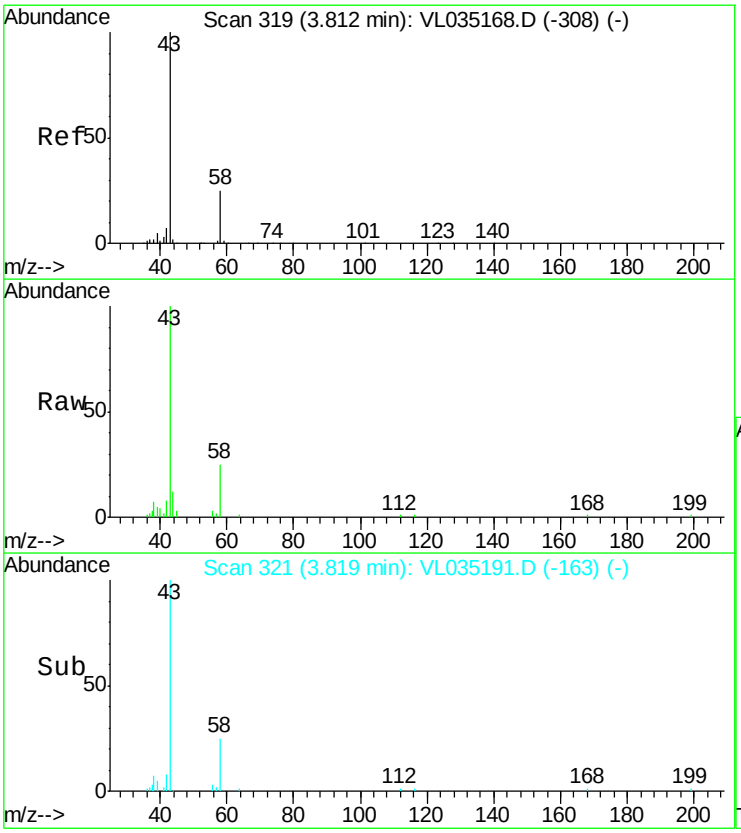
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.63 min Scan# 885
Delta R.T. -0.02 min
Lab File: VL035191.D
Acq: 16 Jul 2020 11:24

Instrument :
MSVOA_L
ClientSampleId :
VL0716ABL01

Tgt Ion: 49 Resp: 1172545

Ion	Ratio	Lower	Upper
49	100		
128	50.0	23.8	71.4
130	64.2	29.9	89.8

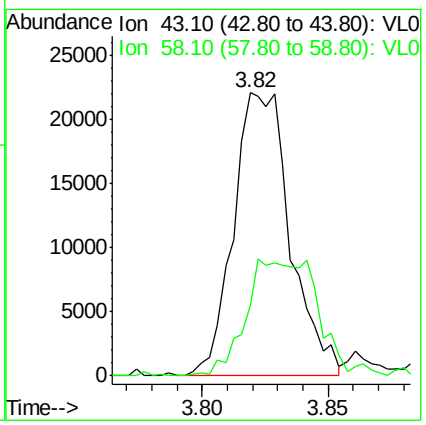


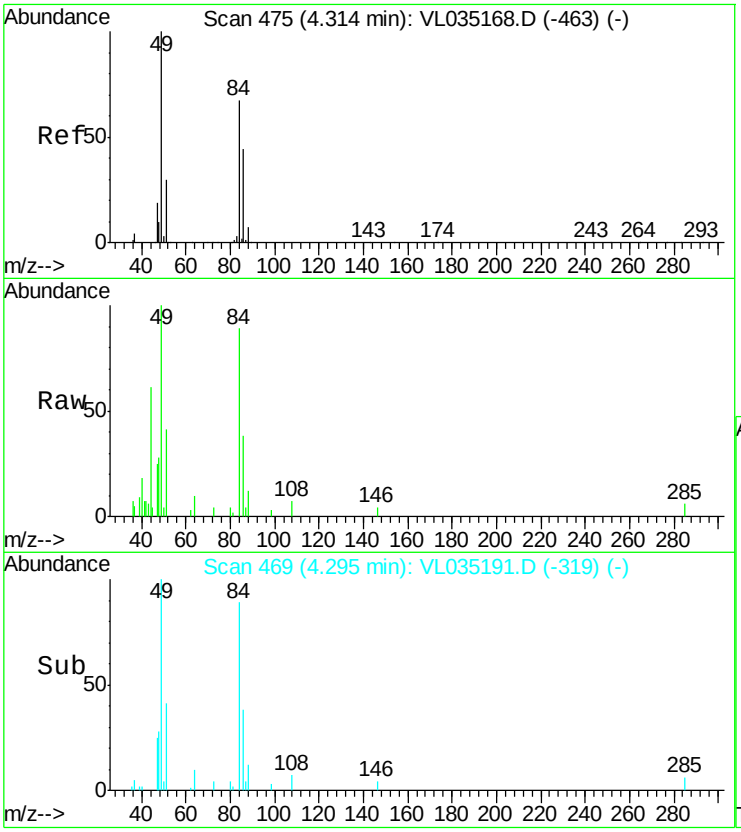


#15
Acetone
Concen: 0.218 ppbv m
RT: 3.82 min Scan# 321
Delta R.T. 0.01 min
Lab File: VL035191.D
Acq: 16 Jul 2020 11:24

Tgt Ion: 43 Resp: 34529

Ion	Ratio	Lower	Upper
43	100		
58	52.8	21.3	31.9#



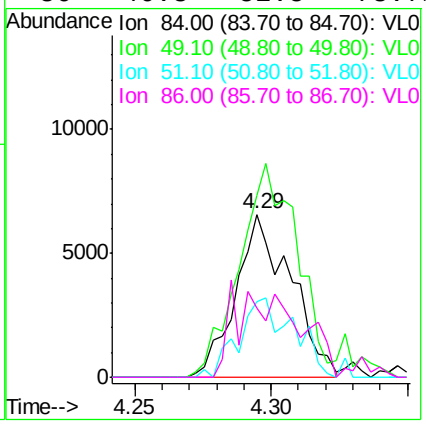


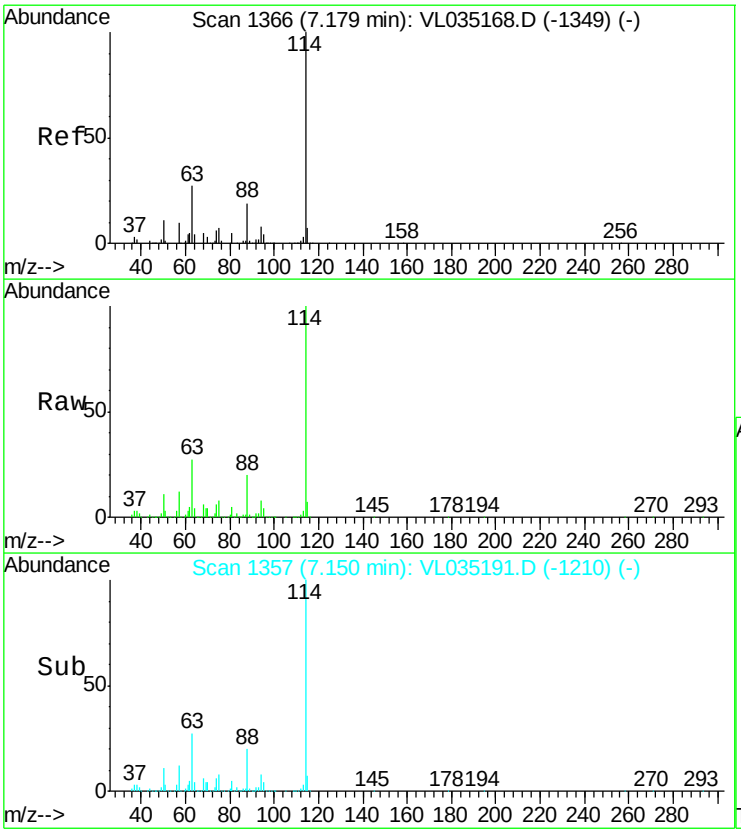
#20
Methylene Chloride
Concen: 0.133 ppbv
RT: 4.29 min Scan# 469
Delta R.T. -0.02 min
Lab File: VL035191.D
Acq: 16 Jul 2020 11:24

Instrument : MSVOA_L
ClientSampleId : VL0716ABL01

Tgt Ion: 84 Resp: 9172

Ion	Ratio	Lower	Upper
84	100		
49	111.8	119.4	179.0#
51	46.0	36.6	55.0
86	46.8	52.5	78.7#

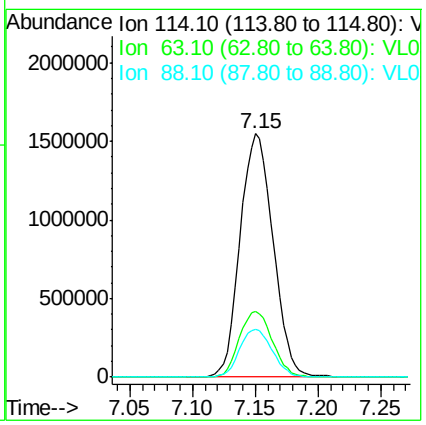


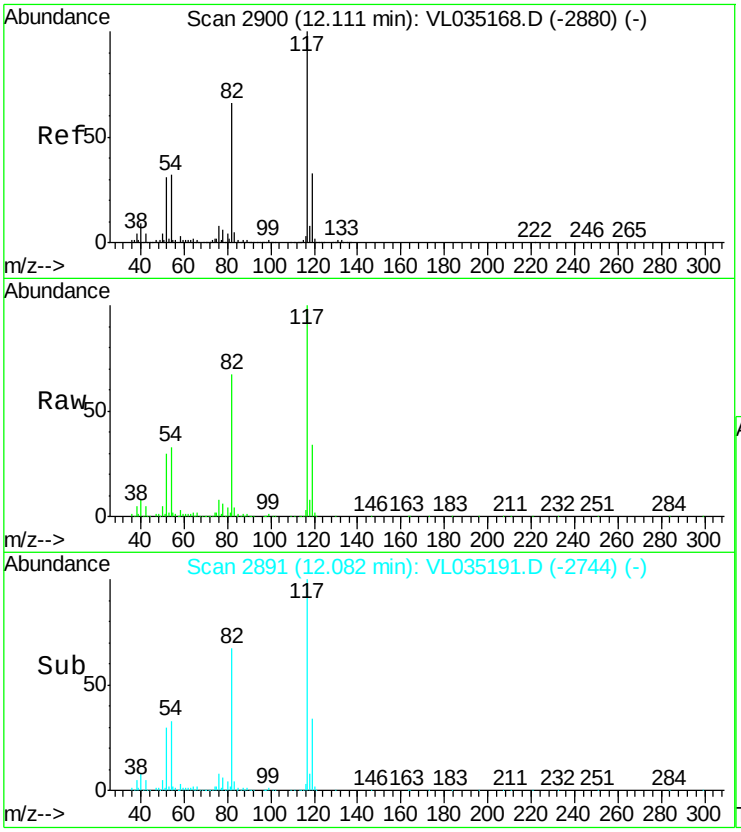


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. -0.03 min
Lab File: VL035191.D
Acq: 16 Jul 2020 11:24

Tgt Ion:114 Resp: 2834067

Ion	Ratio	Lower	Upper
114	100		
63	27.4	22.0	33.0
88	19.6	15.4	23.0



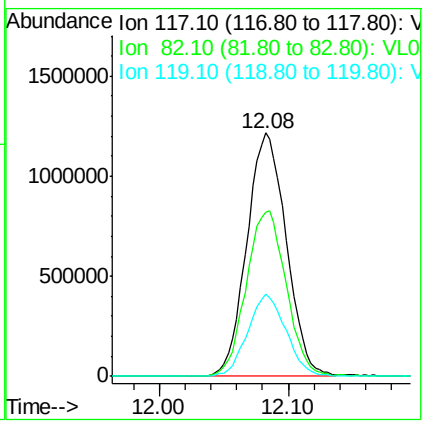


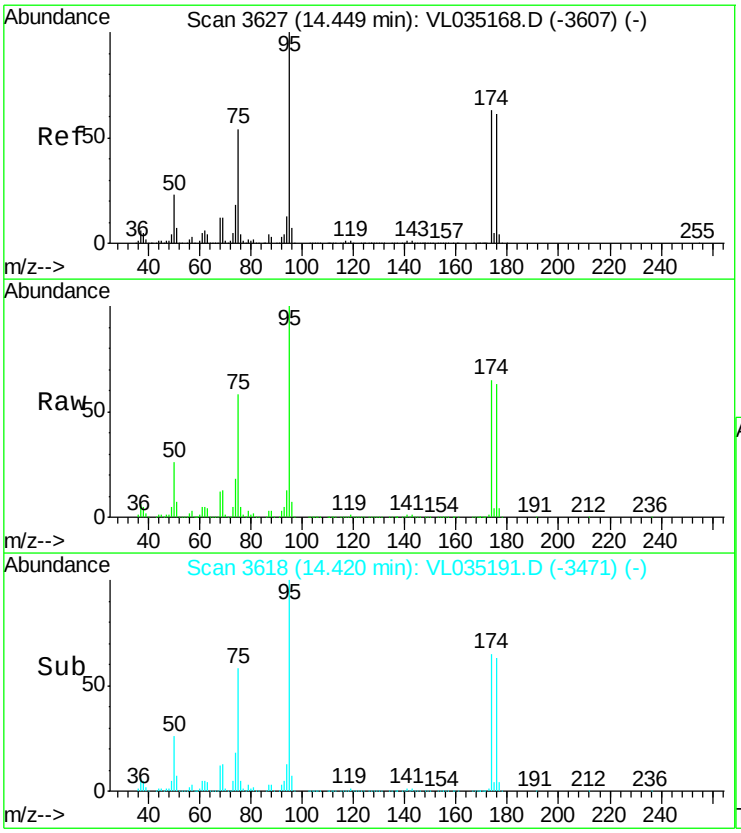
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2891
Delta R.T. -0.03 min
Lab File: VL035191.D
Acq: 16 Jul 2020 11:24

Instrument : MSVOA_L
ClientSampleId : VL0716ABL01

Tgt Ion:117 Resp: 2593792

Ion	Ratio	Lower	Upper
117	100		
82	69.1	52.3	78.5
119	32.9	24.9	37.3





#68
1-Bromo-4-Fluorobenzene
Concen: 10.120 ppbv
RT: 14.42 min Scan# 3618
Delta R.T. -0.03 min
Lab File: VL035191.D
Acq: 16 Jul 2020 11:24

Tgt Ion: 95 Resp: 2132327

Ion	Ratio	Lower	Upper
95	100		
174	64.9	52.2	78.2
175	4.8	4.0	6.0