Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL112420\
Data File : VL035995.D
Acq On : 24 Nov 2020 13:04
Operator : SY/AP
Sample : VL1124ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL1124ABL01

Quant Time: Nov 25 00:43:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04 02:40:06 2020
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1363753	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	4702902	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	4421068	10.00	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	3425583	10.91	ppbv	-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 109.10%			
Target Compounds						Qvalue
15) Acetone	3.85	43	24769	0.170	ppbv #	1
20) Methylene Chloride	4.32	84	18298	0.178	ppbv	90

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

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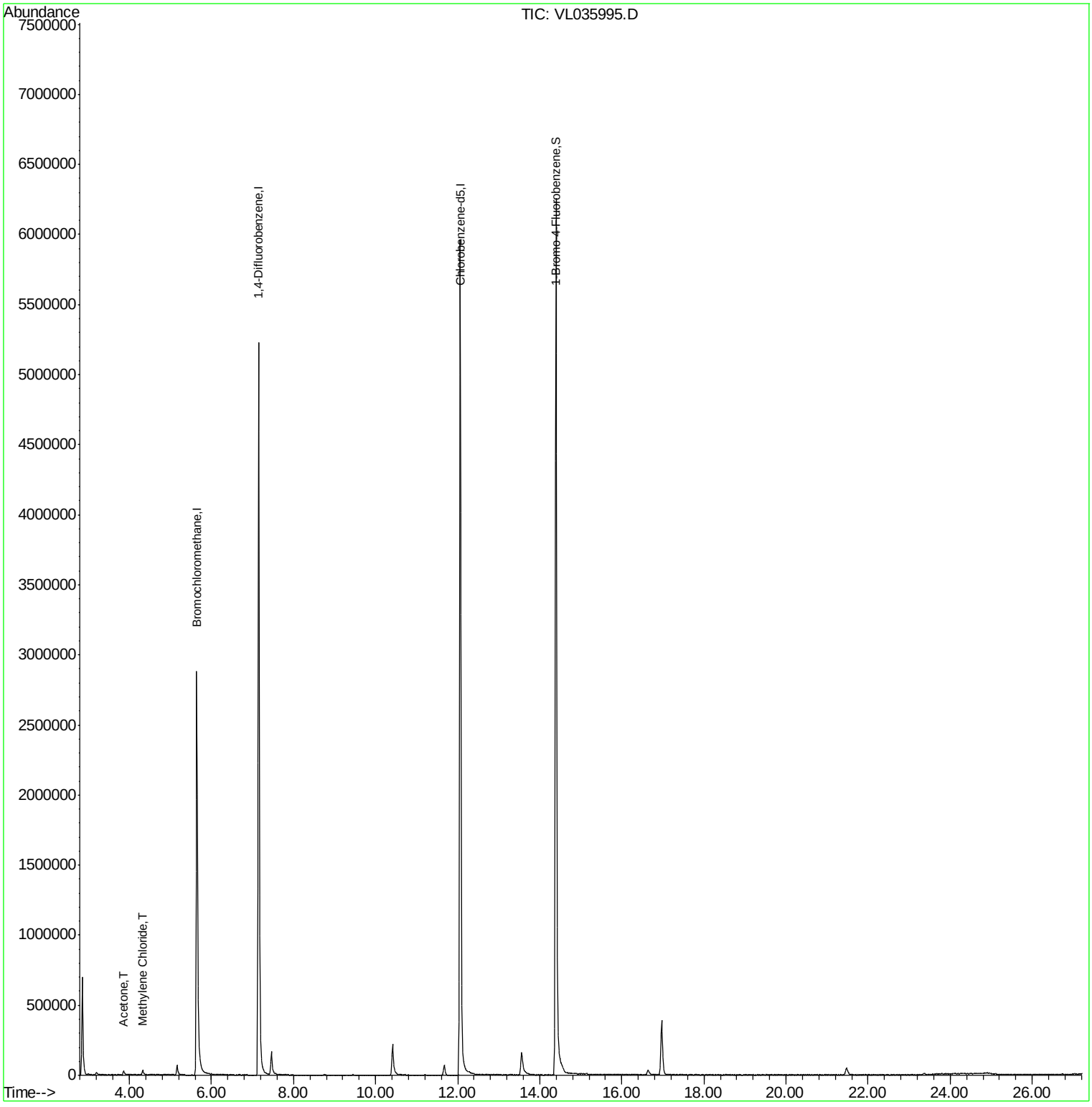
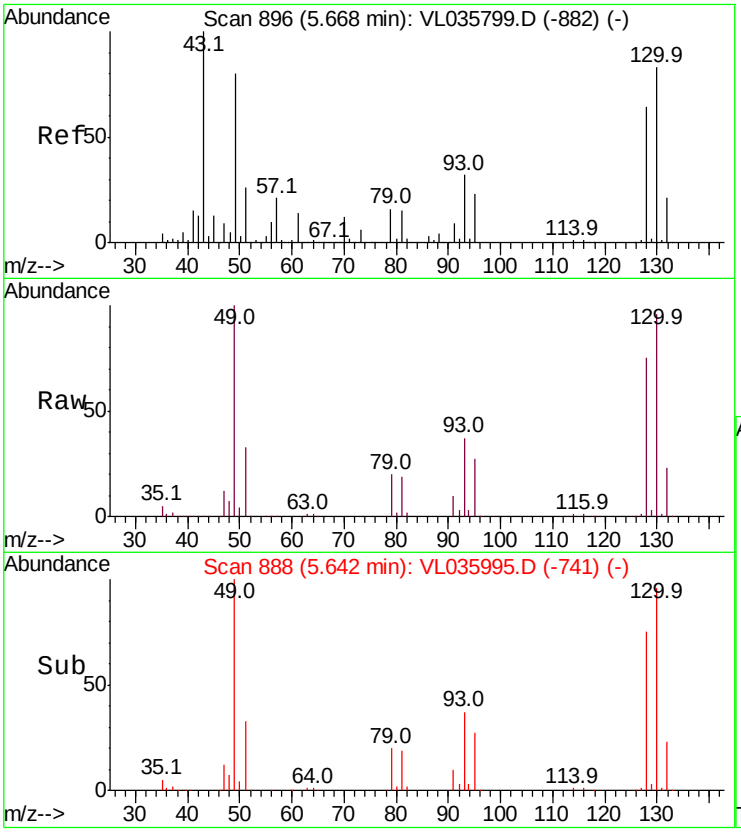


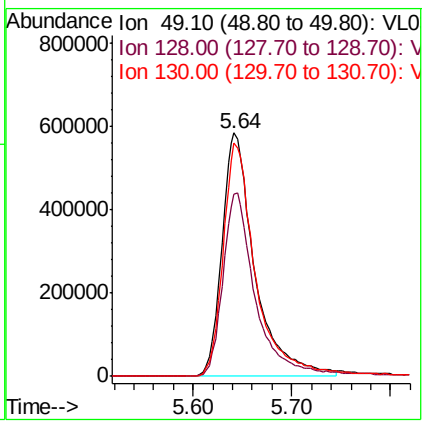


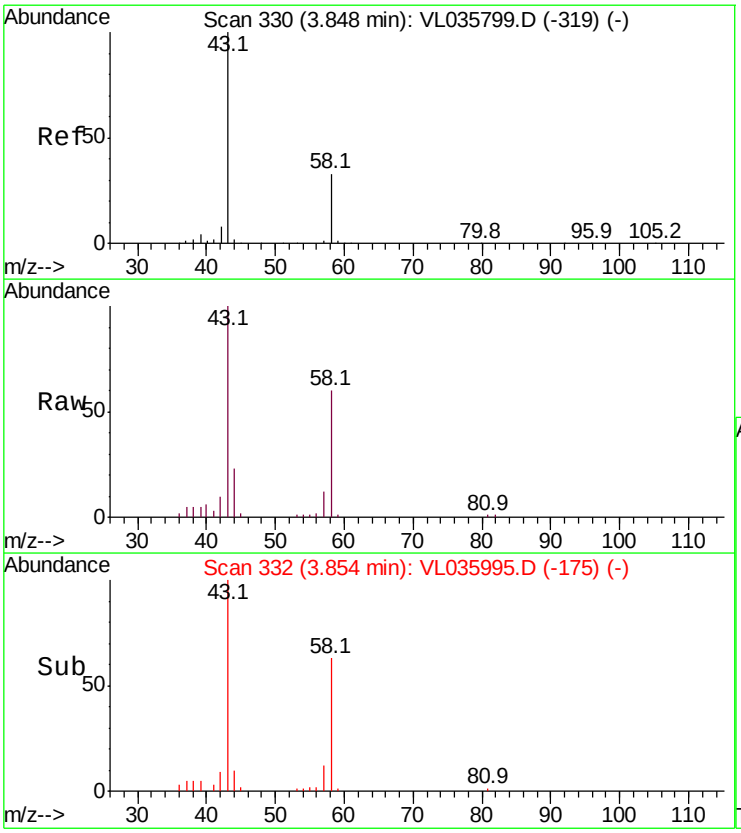
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.64 min Scan# 888
Delta R.T. -0.03 min
Lab File: VL035995.D
Acq: 24 Nov 2020 13:04

Instrument :
MSVOA_L
ClientSampleId :
VL1124ABL01

Tgt Ion: 49 Resp: 1363753

Ion	Ratio	Lower	Upper
49	100		
128	75.3	41.5	124.6
130	98.0	53.7	161.1

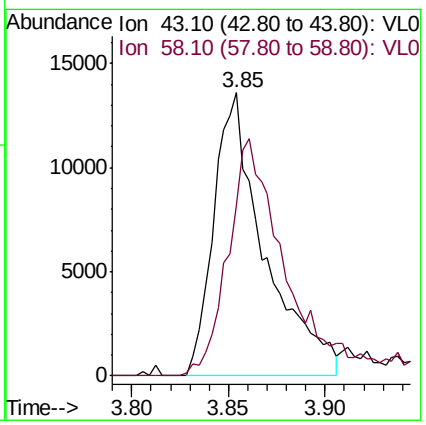


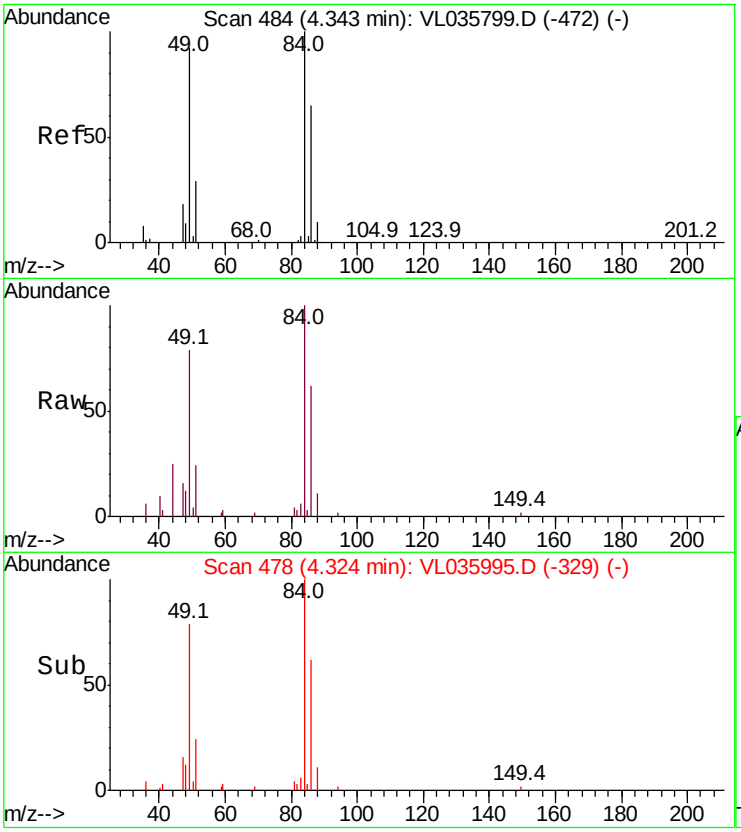


#15
Acetone
Concen: 0.170 ppbv
RT: 3.85 min Scan# 332
Delta R.T. 0.01 min
Lab File: VL035995.D
Acq: 24 Nov 2020 13:04

Tgt Ion: 43 Resp: 24769

Ion	Ratio	Lower	Upper
43	100		
58	98.5	27.5	41.3#



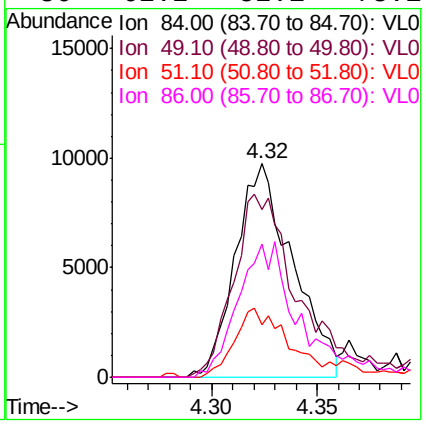


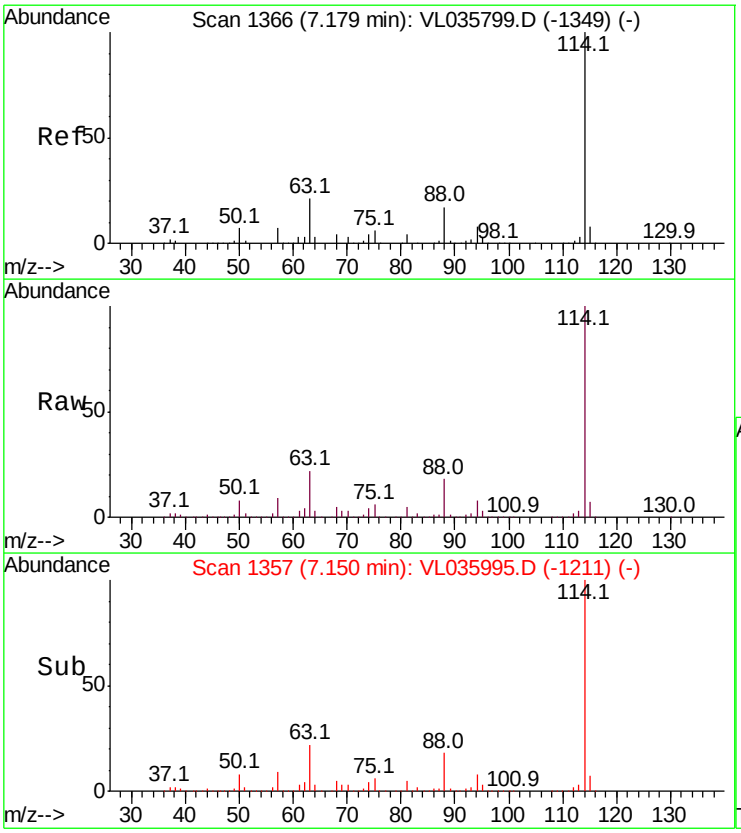
#20
Methylene Chloride
Concen: 0.178 ppbv
RT: 4.32 min Scan# 478
Delta R.T. -0.02 min
Lab File: VL035995.D
Acq: 24 Nov 2020 13:04

Instrument : MSVOA_L
ClientSampleId : VL1124ABL01

Tgt Ion: 84 Resp: 18298

Ion	Ratio	Lower	Upper
84	100		
49	78.6	73.8	110.8
51	24.4	23.0	34.4
86	62.2	52.1	78.1

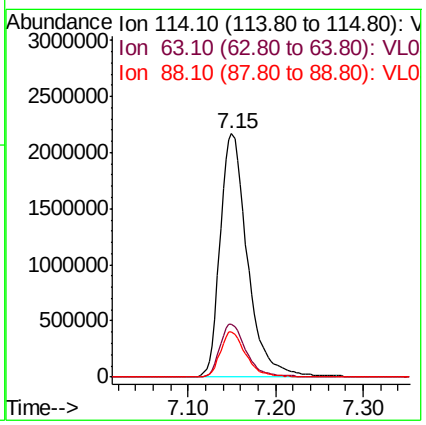


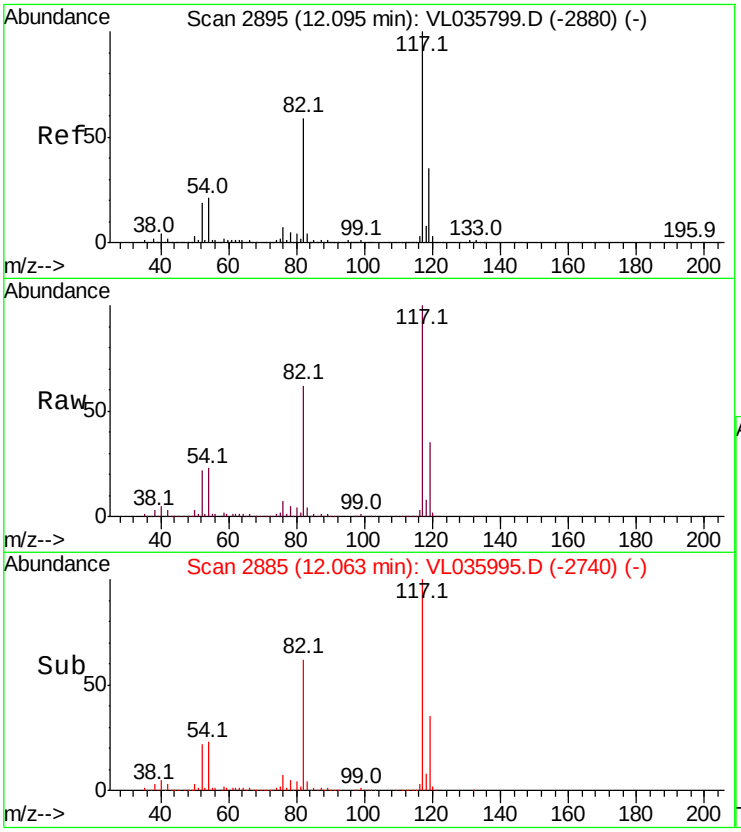


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. -0.03 min
Lab File: VL035995.D
Acq: 24 Nov 2020 13:04

Tgt Ion:114 Resp: 4702902

Ion	Ratio	Lower	Upper
114	100		
63	21.5	16.1	24.1
88	17.7	13.7	20.5



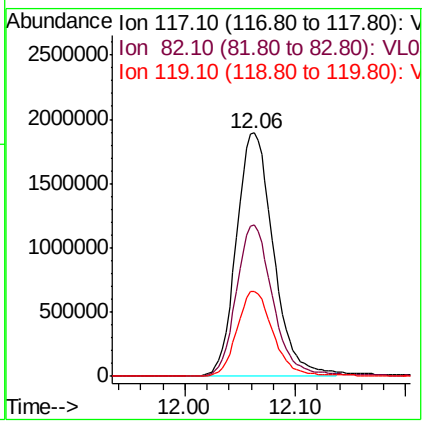


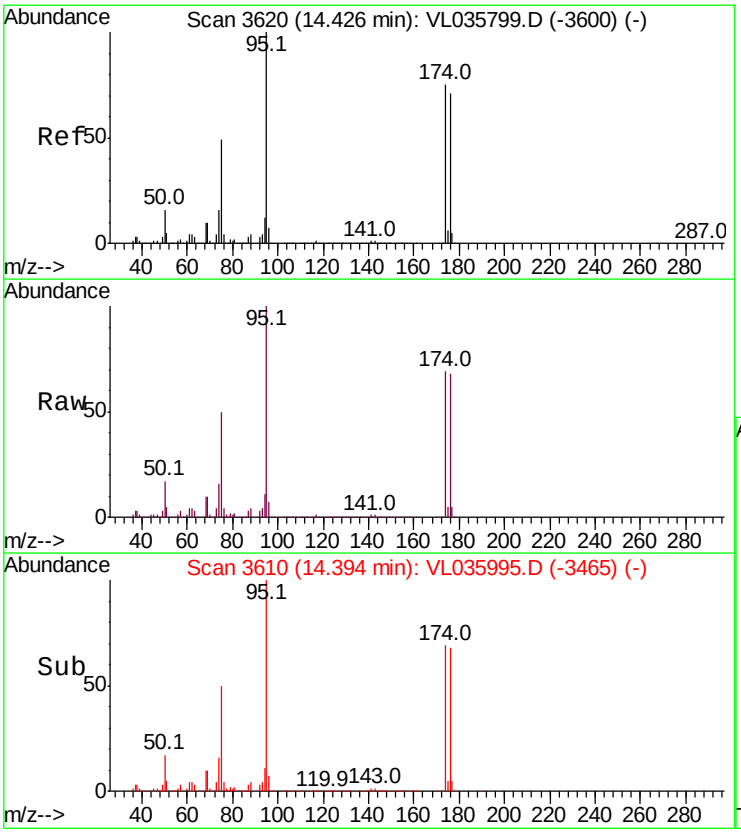
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2885
Delta R.T. -0.03 min
Lab File: VL035995.D
Acq: 24 Nov 2020 13:04

Instrument : MSVOA_L
ClientSampleId : VL1124ABL01

Tgt Ion:117 Resp: 4421068

Ion	Ratio	Lower	Upper
117	100		
82	62.6	50.6	76.0
119	34.7	52.6	78.8#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.906 ppbv
RT: 14.39 min Scan# 3610
Delta R.T. -0.03 min
Lab File: VL035995.D
Acq: 24 Nov 2020 13:04

Tgt Ion: 95 Resp: 3425583

Ion	Ratio	Lower	Upper
95	100		
174	70.6	59.8	89.6
175	5.0	4.3	6.5