Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100820\
Data File : VL035743.D
Acq On : 8 Oct 2020 12:58
Operator : SY/AP
Sample : VL1008ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL1008ABL01

Quant Time: Oct 09 01:31:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 23 07:38:05 2020
QLast Update : Wed Sep 23 07:38:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1202652	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.18	114	4409408	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.10	117	4386756	10.00	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.43	95	3283760	9.99	ppbv	-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.90%			
Target Compounds						Qvalue
15) Acetone	3.87	43	24778	0.191	ppbv #	17
20) Methylene Chloride	4.35	84	13707	0.144	ppbv	94

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

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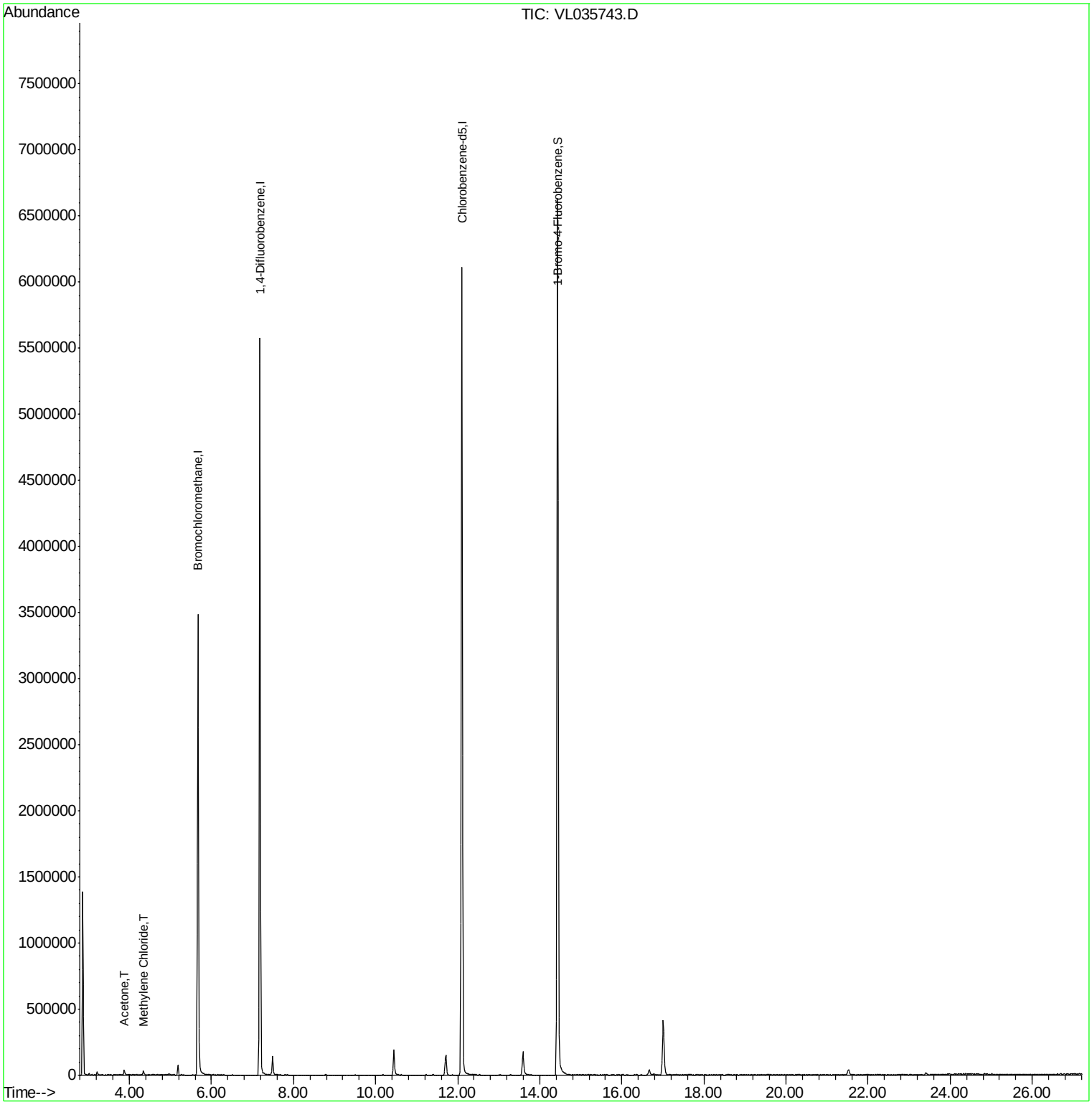
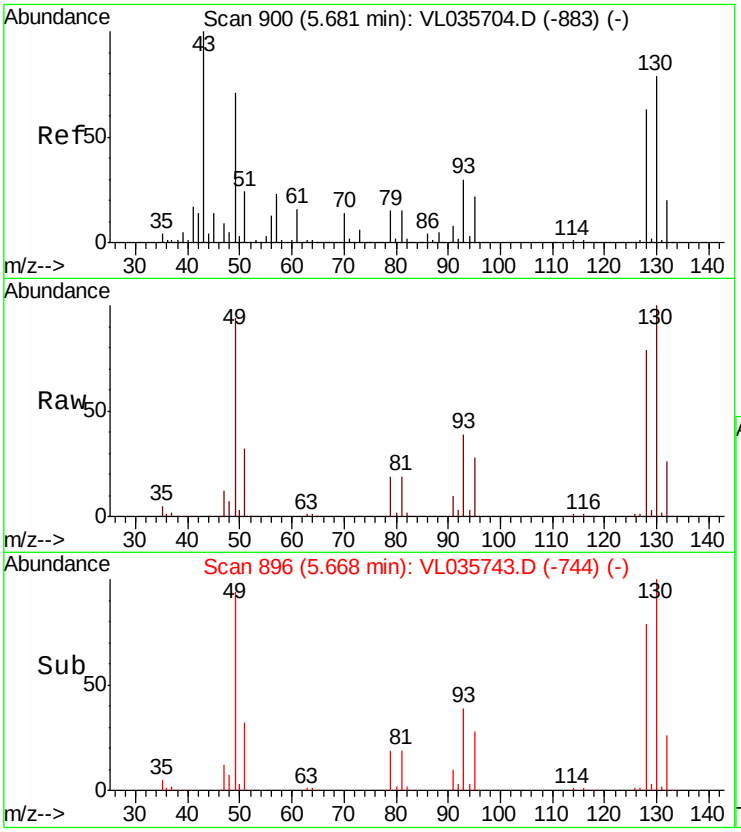


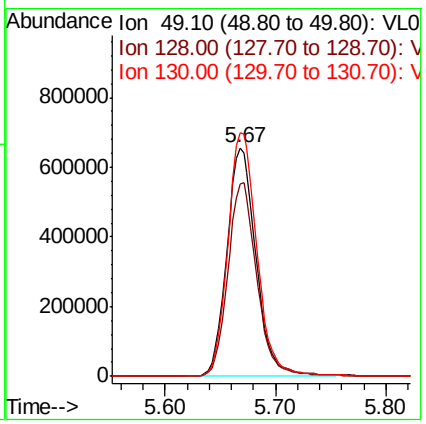


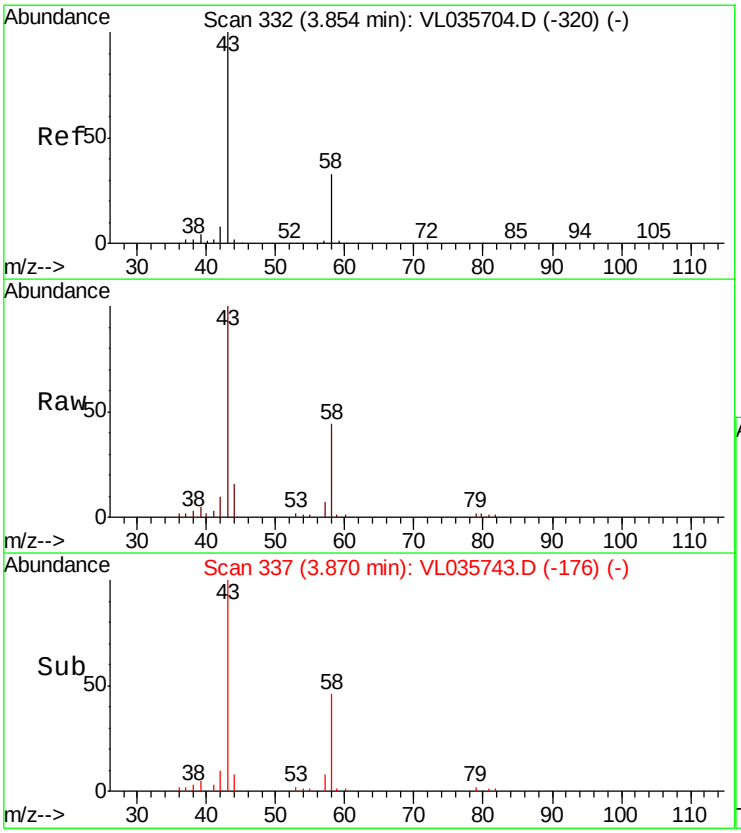
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.01 min
Lab File: VL035743.D
Acq: 8 Oct 2020 12:58

Instrument :
MSVOA_L
ClientSampleId :
VL1008ABL01

Tgt Ion: 49 Resp: 1202652

Ion	Ratio	Lower	Upper
49	100		
128	84.2	43.1	129.4
130	107.7	54.9	164.7

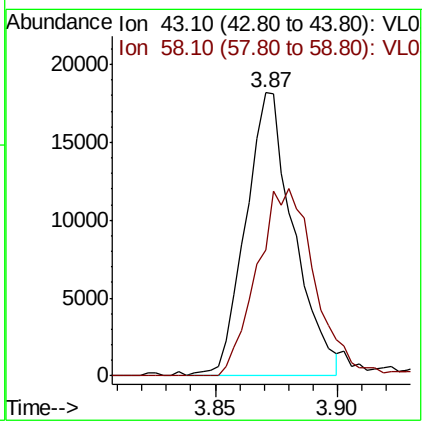


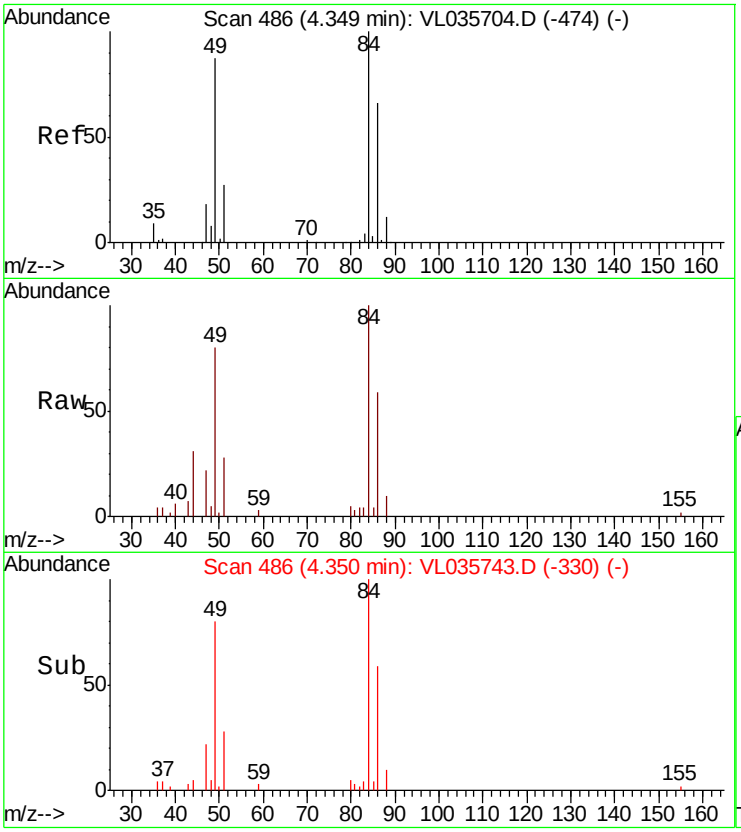


#15
Acetone
Concen: 0.191 ppbv
RT: 3.87 min Scan# 337
Delta R.T. 0.02 min
Lab File: VL035743.D
Acq: 8 Oct 2020 12:58

Tgt Ion: 43 Resp: 24778

Ion	Ratio	Lower	Upper
43	100		
58	81.6	27.3	40.9#



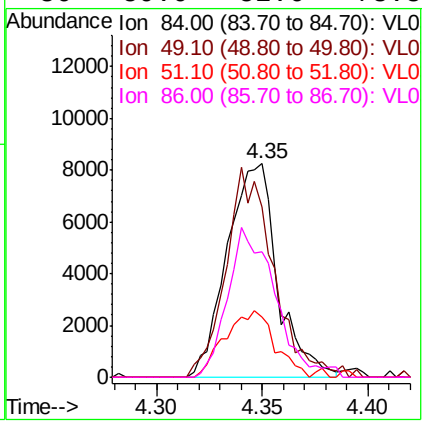


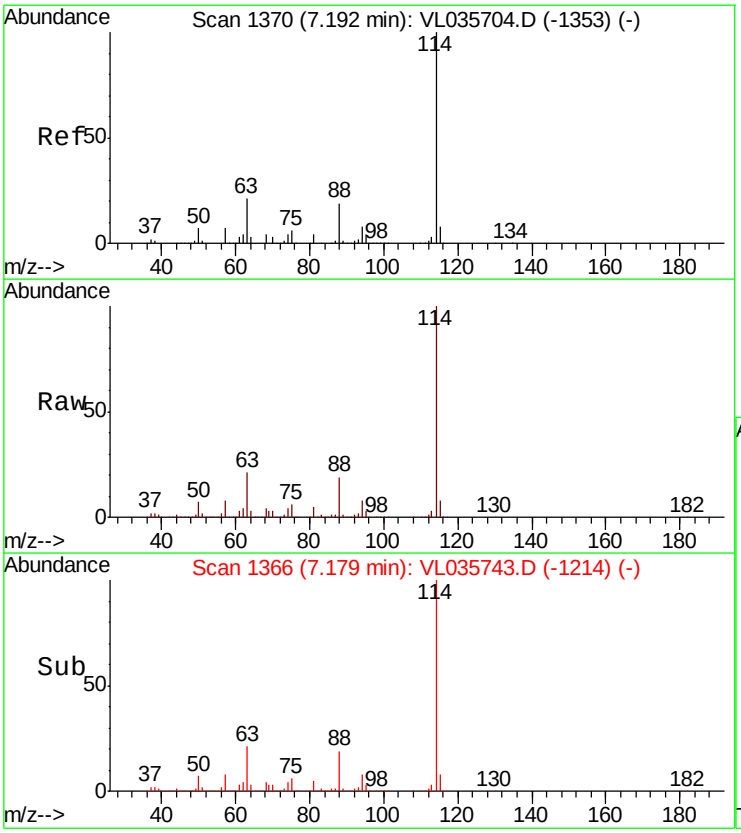
#20
Methylene Chloride
Concen: 0.144 ppbv
RT: 4.35 min Scan# 486
Delta R.T. 0.00 min
Lab File: VL035743.D
Acq: 8 Oct 2020 12:58

Instrument : MSVOA_L
ClientSampleId : VL1008ABL01

Tgt Ion: 84 Resp: 13707

Ion	Ratio	Lower	Upper
84	100		
49	81.6	69.8	104.6
51	28.1	21.8	32.8
86	59.0	52.6	78.8

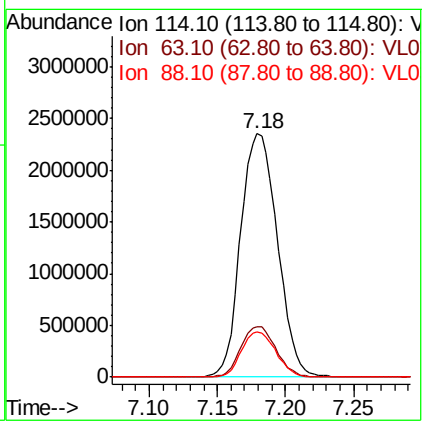


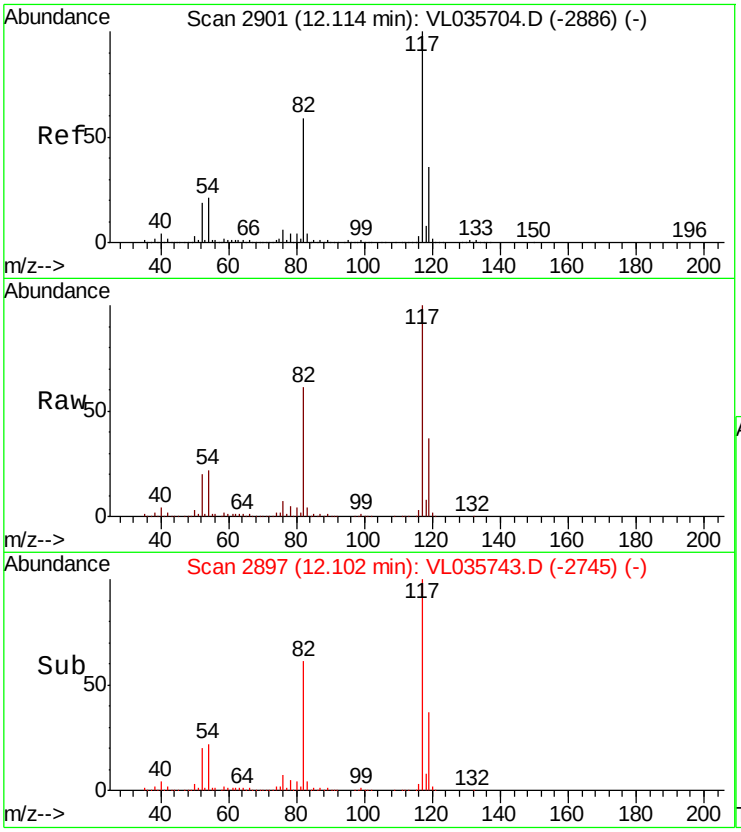


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. -0.01 min
Lab File: VL035743.D
Acq: 8 Oct 2020 12:58

Tgt Ion:114 Resp: 4409408

Ion	Ratio	Lower	Upper
114	100		
63	20.0	16.1	24.1
88	17.6	14.1	21.1



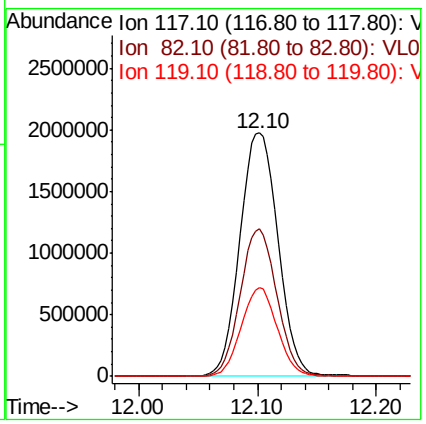


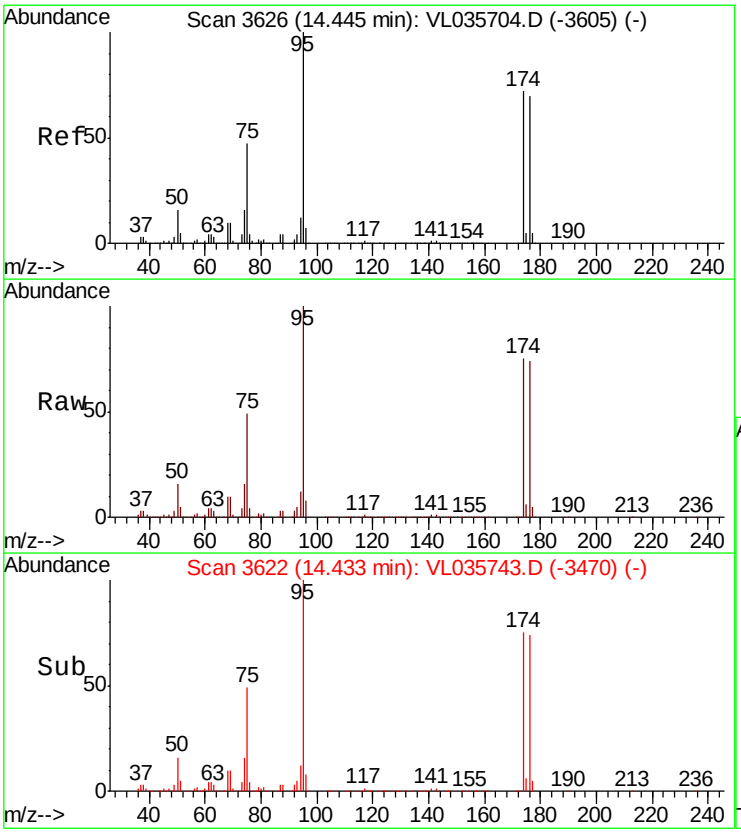
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. -0.01 min
Lab File: VL035743.D
Acq: 8 Oct 2020 12:58

Instrument : MSVOA_L
ClientSampleId : VL1008ABL01

Tgt Ion:117 Resp: 4386756

Ion	Ratio	Lower	Upper
117	100		
82	58.5	46.1	69.1
119	34.6	28.0	42.0





#68
1-Bromo-4-Fluorobenzene
Concen: 9.990 ppbv
RT: 14.43 min Scan# 3622
Delta R.T. -0.01 min
Lab File: VL035743.D
Acq: 8 Oct 2020 12:58

Tgt Ion: 95 Resp: 3283760

Ion	Ratio	Lower	Upper
95	100		
174	76.8	59.6	89.4
175	5.6	4.2	6.4