Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092920\
Data File : VL035738.D
Acq On : 30 Sep 2020 00:11
Operator : SY/AP
Sample : CAN 10279
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : CAN 10279

Quant Time: Sep 30 04:12:33 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	5.69	49	1108928	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.21	114	3974760	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.13	117	4154731	10.00	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.46	95	3104993	9.97	ppbv	0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.70%			
Target Compounds						Qvalue
15) Acetone	3.89	43	31743	0.266	ppbv #	33
20) Methylene Chloride	4.37	84	59103	0.674	ppbv	96

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

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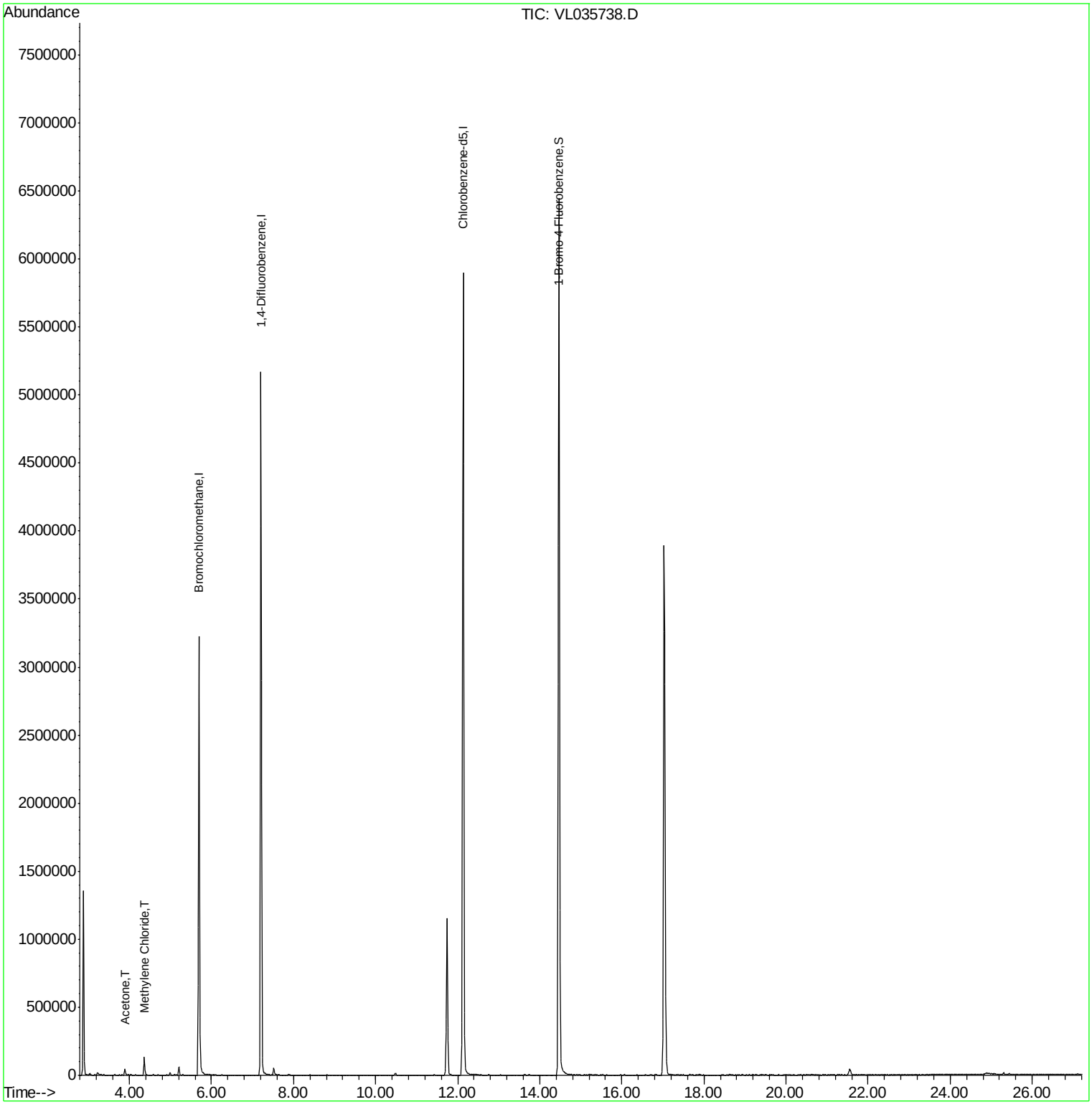
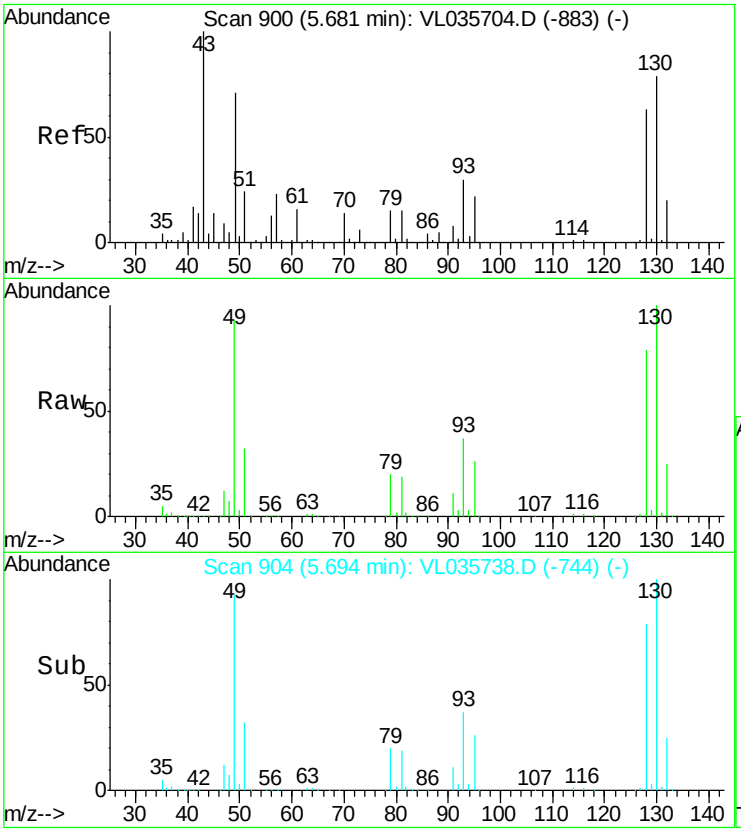


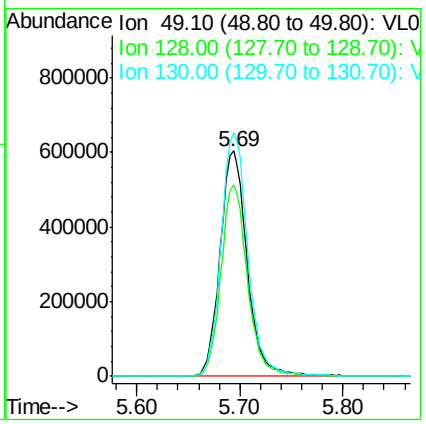


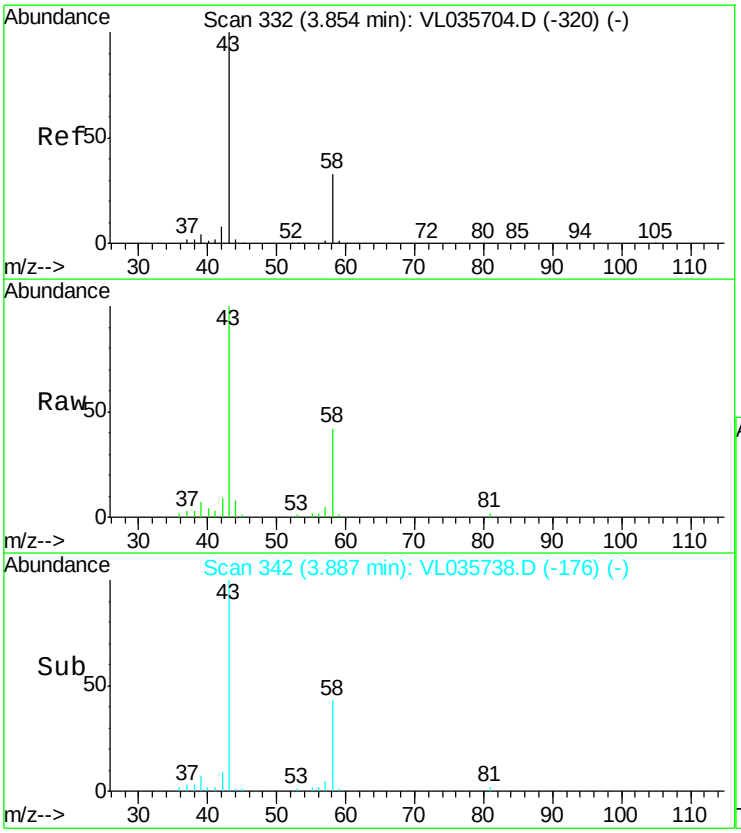
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.01 min
Lab File: VL035738.D
Acq: 30 Sep 2020 00:11

Instrument :
MSVOA_L
ClientSampleId :
CAN 10279

Tgt Ion: 49 Resp: 1108928

Ion	Ratio	Lower	Upper
49	100		
128	83.3	43.1	129.4
130	107.3	54.9	164.7

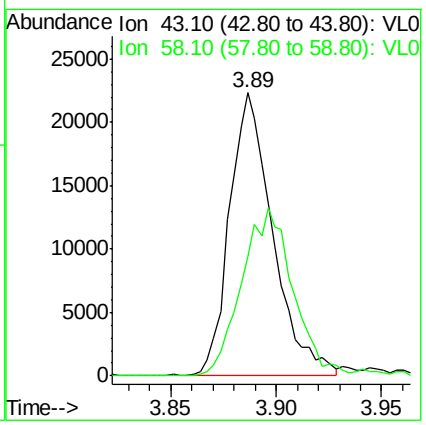


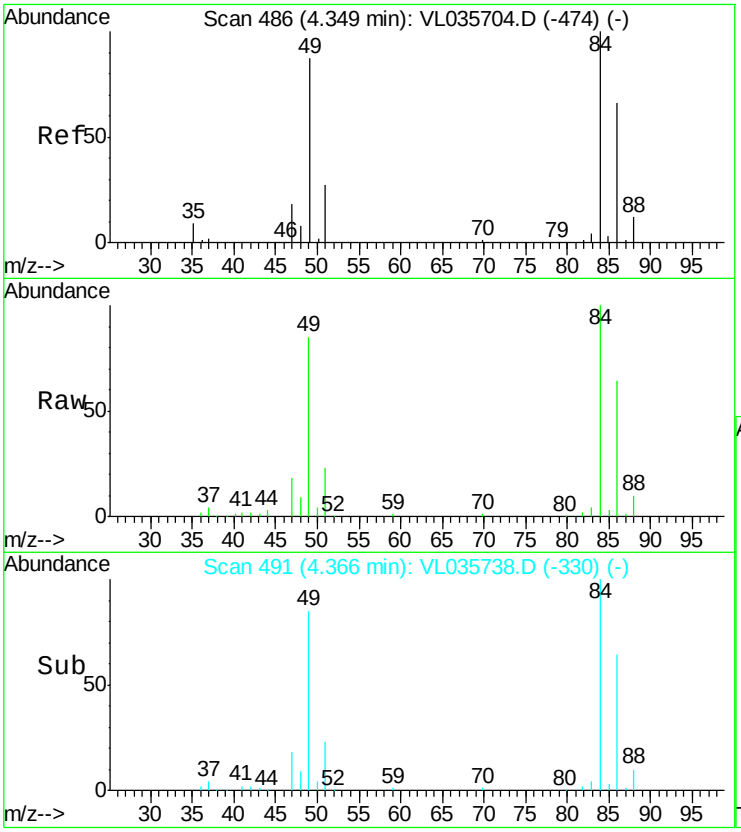


#15
Acetone
Concen: 0.266 ppbv
RT: 3.89 min Scan# 342
Delta R.T. 0.03 min
Lab File: VL035738.D
Acq: 30 Sep 2020 00:11

Tgt Ion: 43 Resp: 31743

Ion	Ratio	Lower	Upper
43	100		
58	72.6	27.3	40.9#



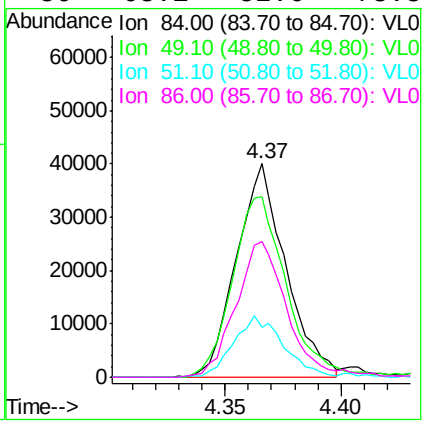


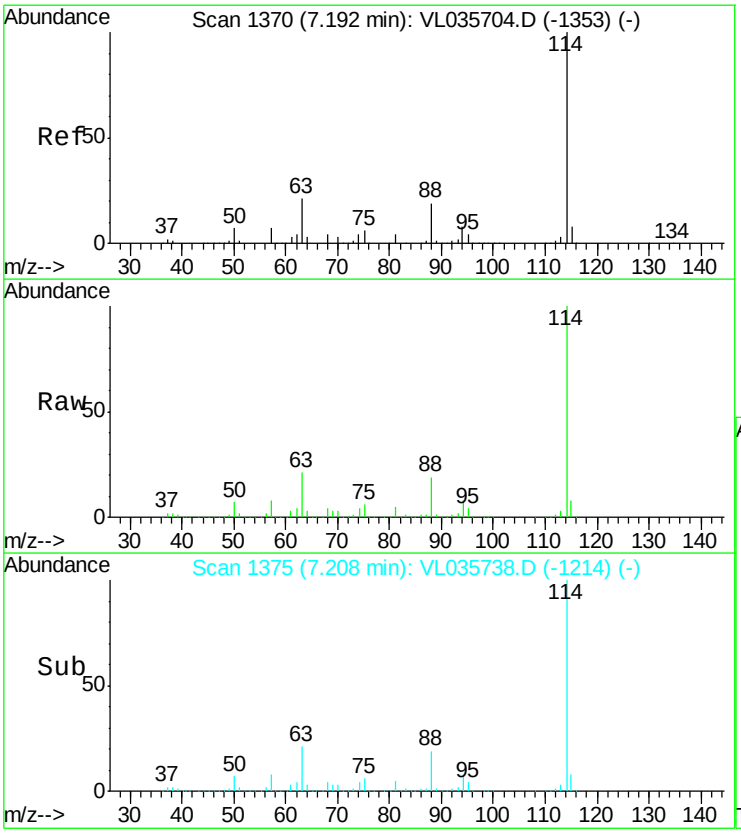
#20
Methylene Chloride
Concen: 0.674 ppbv
RT: 4.37 min Scan# 491
Delta R.T. 0.02 min
Lab File: VL035738.D
Acq: 30 Sep 2020 00:11

Instrument : MSVOA_L
ClientSampleId : CAN 10279

Tgt Ion: 84 Resp: 59103

Ion	Ratio	Lower	Upper
84	100		
49	84.5	69.8	104.6
51	22.9	21.8	32.8
86	63.1	52.6	78.8

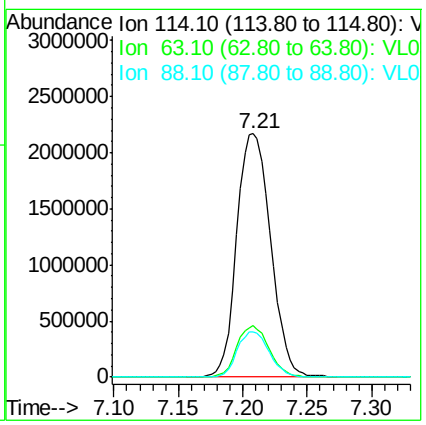


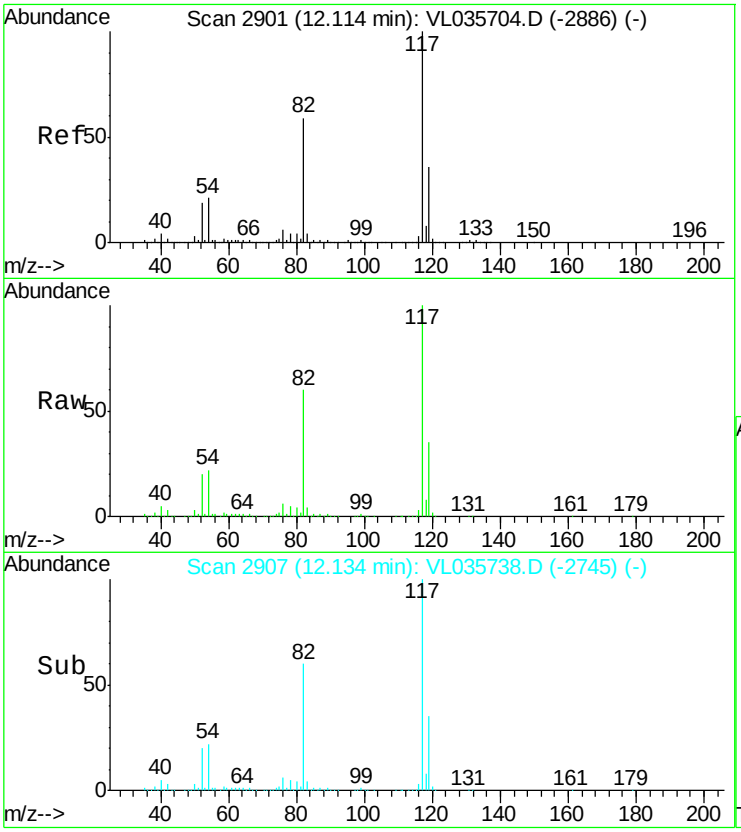


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.21 min Scan# 1375
Delta R.T. 0.02 min
Lab File: VL035738.D
Acq: 30 Sep 2020 00:11

Tgt Ion:114 Resp: 3974760

Ion	Ratio	Lower	Upper
114	100		
63	20.1	16.1	24.1
88	17.7	14.1	21.1



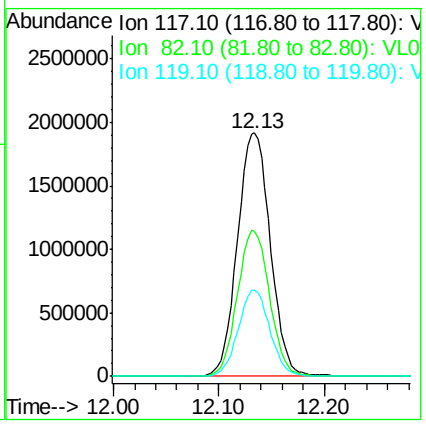


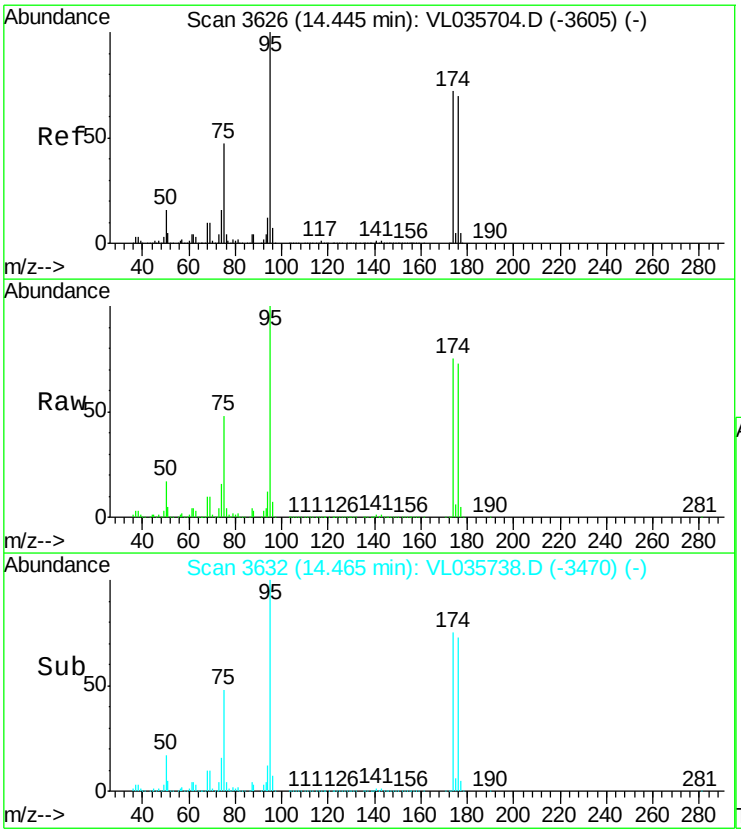
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.13 min Scan# 2907
Delta R.T. 0.02 min
Lab File: VL035738.D
Acq: 30 Sep 2020 00:11

Instrument : MSVOA_L
ClientSampleId : CAN 10279

Tgt Ion:117 Resp: 4154731

Ion	Ratio	Lower	Upper
117	100		
82	59.3	46.1	69.1
119	34.4	28.0	42.0





#68
1-Bromo-4-Fluorobenzene
Concen: 9.973 ppbv
RT: 14.46 min Scan# 3632
Delta R.T. 0.02 min
Lab File: VL035738.D
Acq: 30 Sep 2020 00:11

Tgt Ion: 95 Resp: 3104993

Ion	Ratio	Lower	Upper
95	100		
174	76.5	59.6	89.4
175	5.5	4.2	6.4