Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101920\
Data File : VL035791.D
Acq On : 19 Oct 2020 11:59
Operator : SY/AP
Sample : VL1019ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL1019ABL01

Quant Time: Oct 20 08:15:47 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	5.65	49	1161469	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.16	114	4191783	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.07	117	4224304	10.00	ppbv	-0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	3170555	10.02	ppbv	-0.04
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.20%			
Target Compounds						Qvalue
15) Acetone	3.85	43	35504	0.284	ppbv #	29
20) Methylene Chloride	4.32	84	21952	0.239	ppbv	93

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

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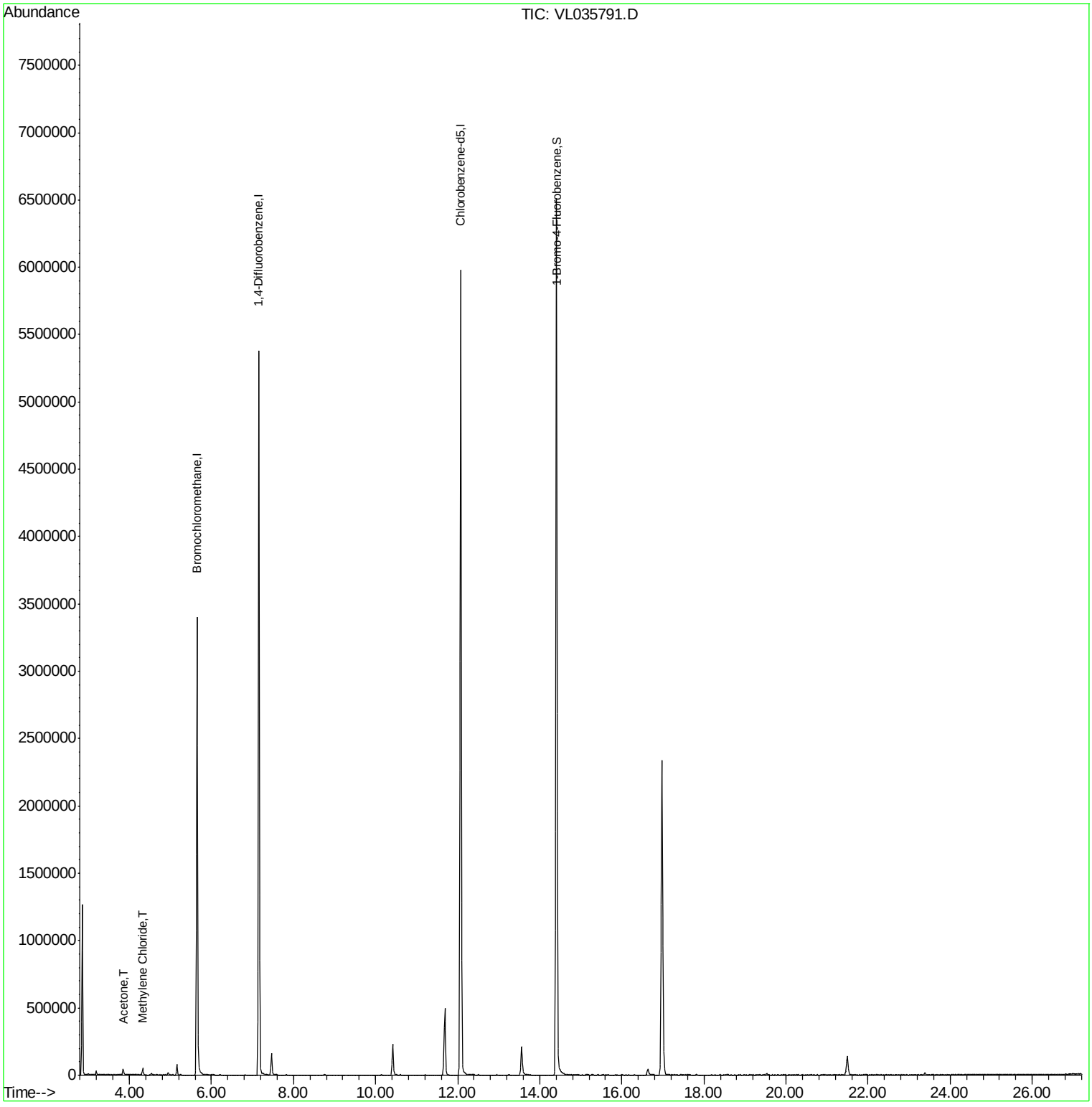
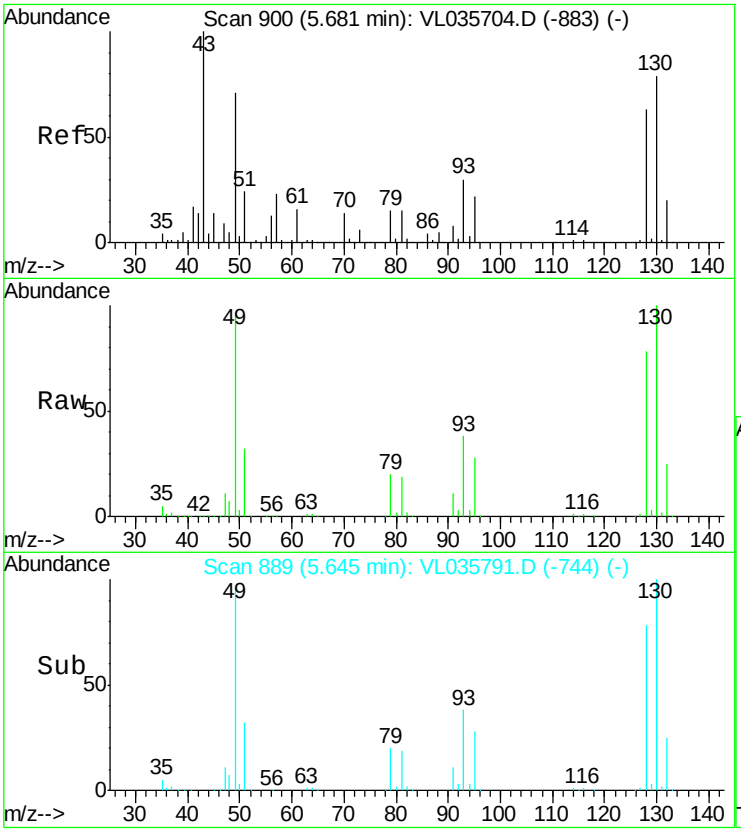


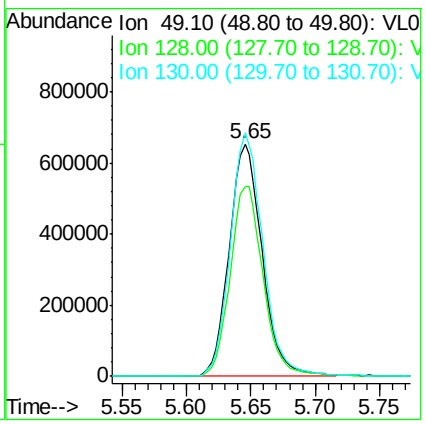


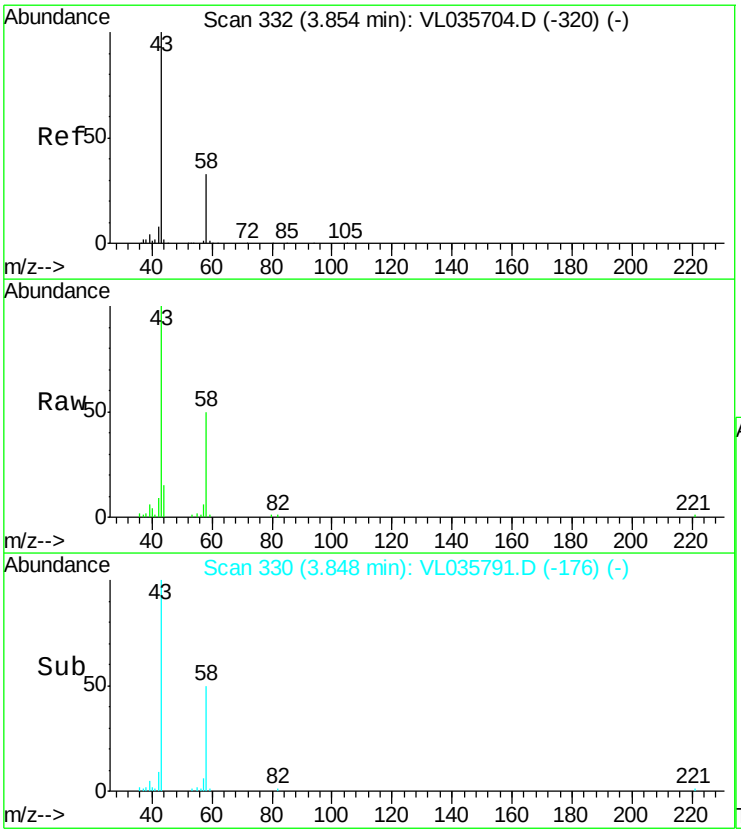
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 889
Delta R.T. -0.04 min
Lab File: VL035791.D
Acq: 19 Oct 2020 11:59

Instrument :
MSVOA_L
ClientSampleId :
VL1019ABL01

Tgt Ion: 49 Resp: 1161469

Ion	Ratio	Lower	Upper
49	100		
128	82.4	43.1	129.4
130	104.8	54.9	164.7

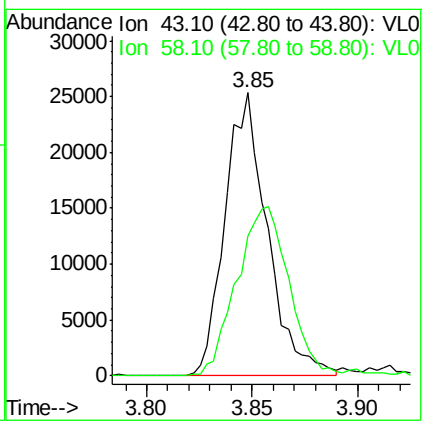


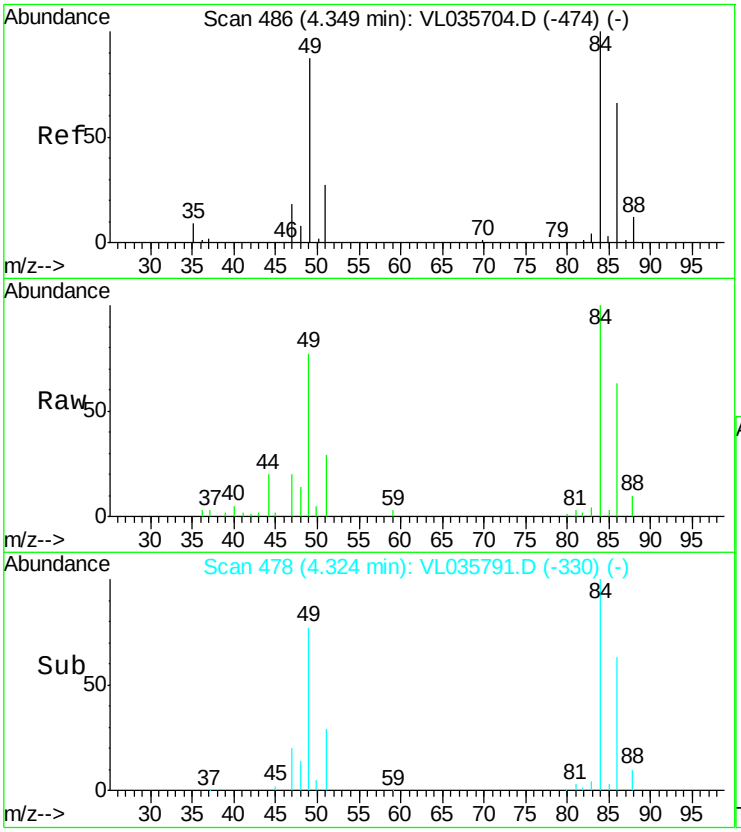


#15
Acetone
Concen: 0.284 ppbv
RT: 3.85 min Scan# 330
Delta R.T. -0.01 min
Lab File: VL035791.D
Acq: 19 Oct 2020 11:59

Tgt Ion: 43 Resp: 35504

Ion	Ratio	Lower	Upper
43	100		
58	74.8	27.3	40.9#



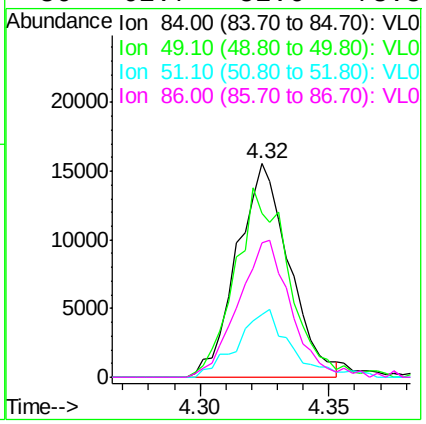


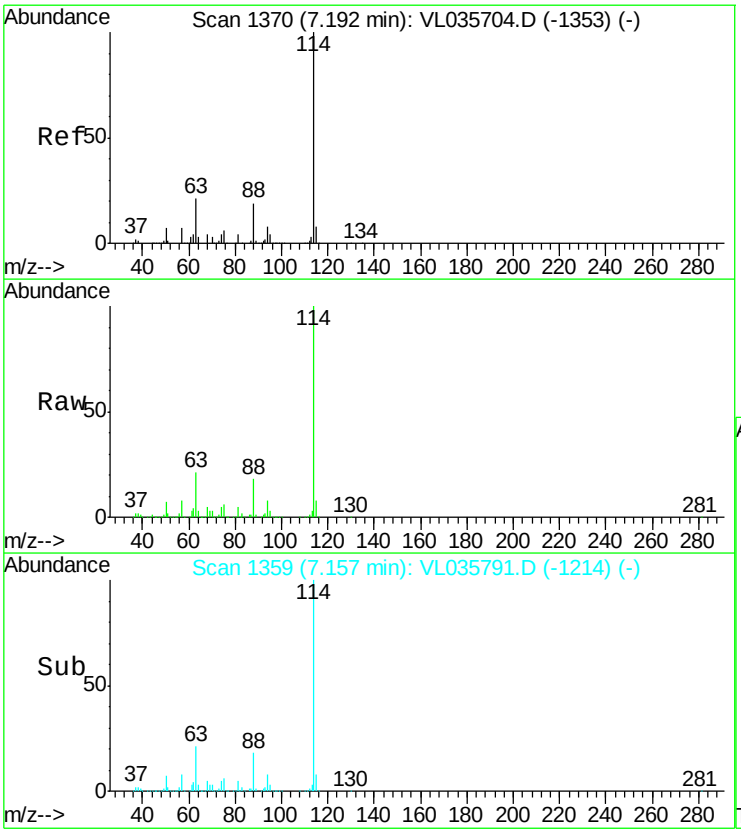
#20
Methylene Chloride
Concen: 0.239 ppbv
RT: 4.32 min Scan# 478
Delta R.T. -0.03 min
Lab File: VL035791.D
Acq: 19 Oct 2020 11:59

Instrument : MSVOA_L
ClientSampleId : VL1019ABL01

Tgt Ion: 84 Resp: 21952

Ion	Ratio	Lower	Upper
84	100		
49	76.9	69.8	104.6
51	29.4	21.8	32.8
86	62.7	52.6	78.8

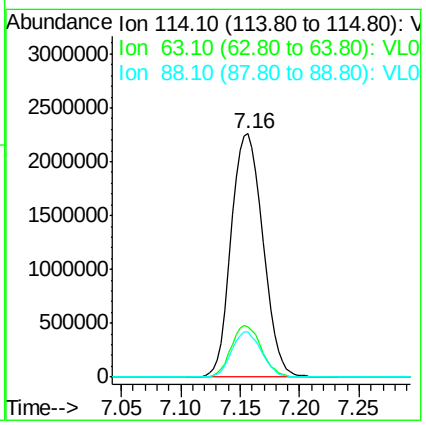


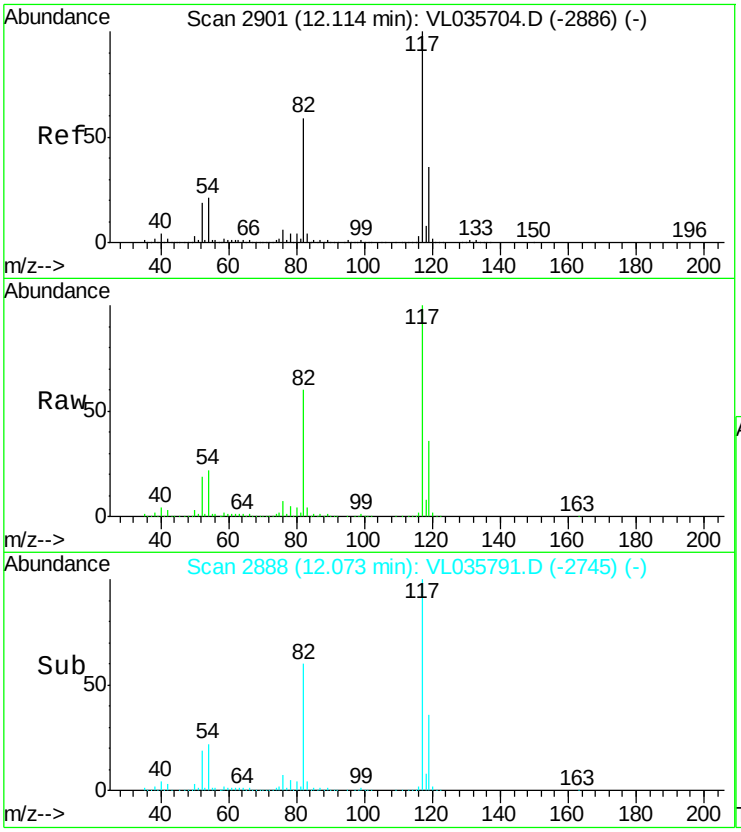


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. -0.04 min
Lab File: VL035791.D
Acq: 19 Oct 2020 11:59

Tgt Ion:114 Resp: 4191783

Ion	Ratio	Lower	Upper
114	100		
63	20.3	16.1	24.1
88	17.5	14.1	21.1



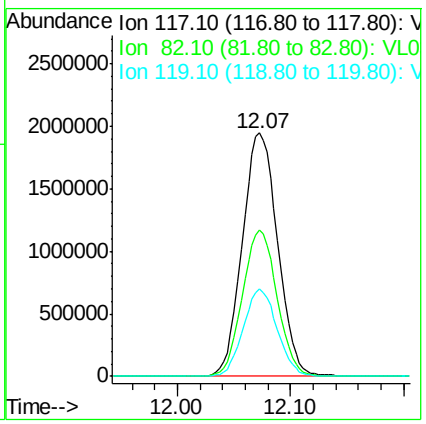


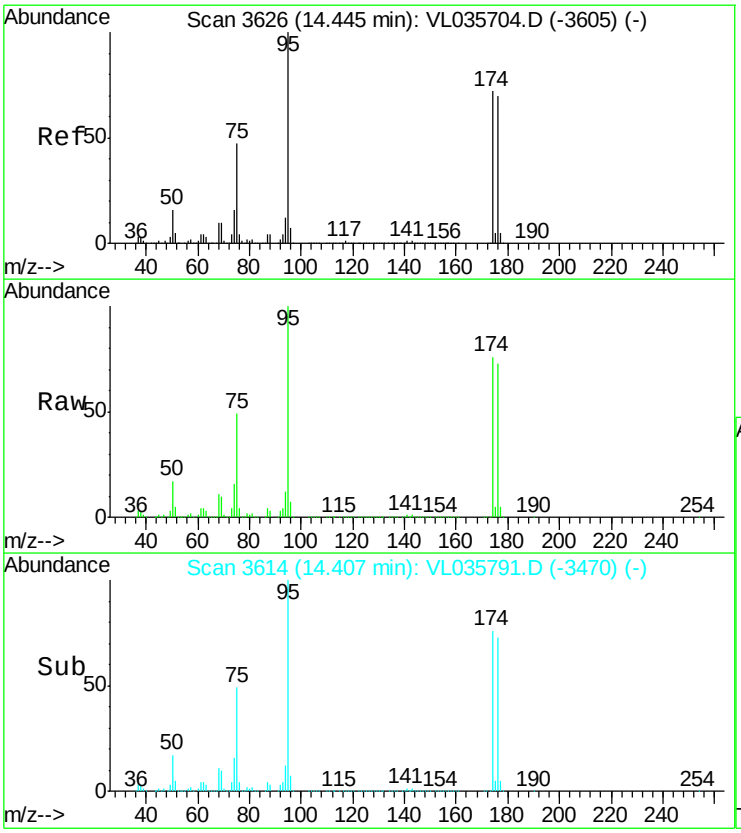
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2888
Delta R.T. -0.04 min
Lab File: VL035791.D
Acq: 19 Oct 2020 11:59

Instrument : MSVOA_L
ClientSampleId : VL1019ABL01

Tgt Ion:117 Resp: 4224304

Ion	Ratio	Lower	Upper
117	100		
82	59.1	46.1	69.1
119	34.6	28.0	42.0





#68
1-Bromo-4-Fluorobenzene
Concen: 10.016 ppbv
RT: 14.41 min Scan# 3614
Delta R.T. -0.04 min
Lab File: VL035791.D
Acq: 19 Oct 2020 11:59

Tgt Ion: 95 Resp: 3170555

Ion	Ratio	Lower	Upper
95	100		
174	76.1	59.6	89.4
175	5.5	4.2	6.4