Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL062918\

Quantitation Report (Not Reviewed)

Data File : VL032153.D
Acq On : 29 Jun 2018 23:51
Operator : SY/AP
Sample : VL0629ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0629ABL01

Quant Time: Jul 03 14:40:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062918AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jun 29 22:27:58 2018
QLast Update : Fri Jun 29 22:27:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.85	49	1683555	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.38	114	4406030	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.34	117	3960757	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.68	95	3113525	10.28	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.80%			
Target Compounds						Qvalue
20) Methylene Chloride	4.48	84	3264	0.045	ppbv	# 82
39) 1,2-Dichloropropane	7.38	63	1111376	6.608	ppbv	# 27

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

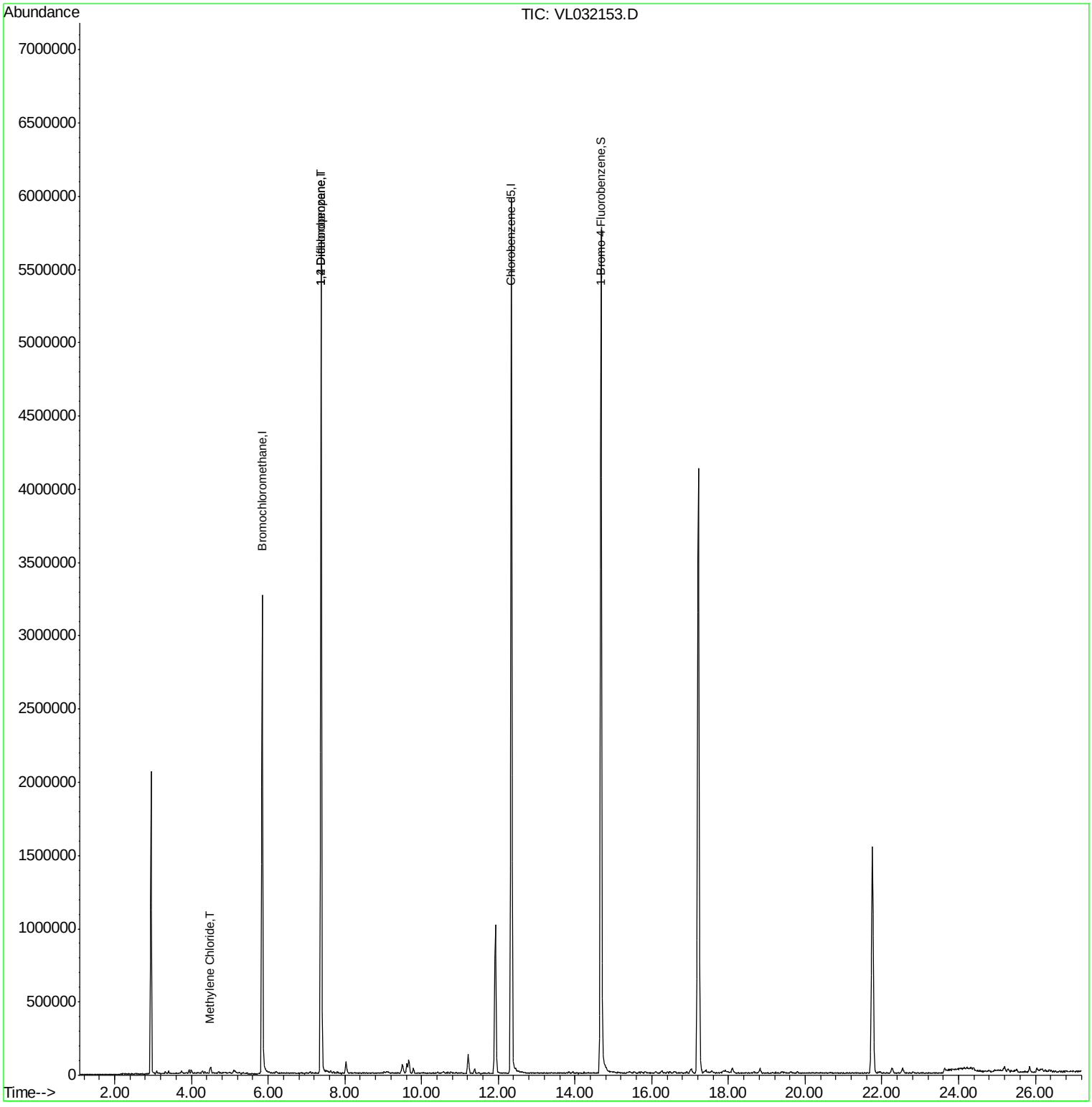
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL062918\

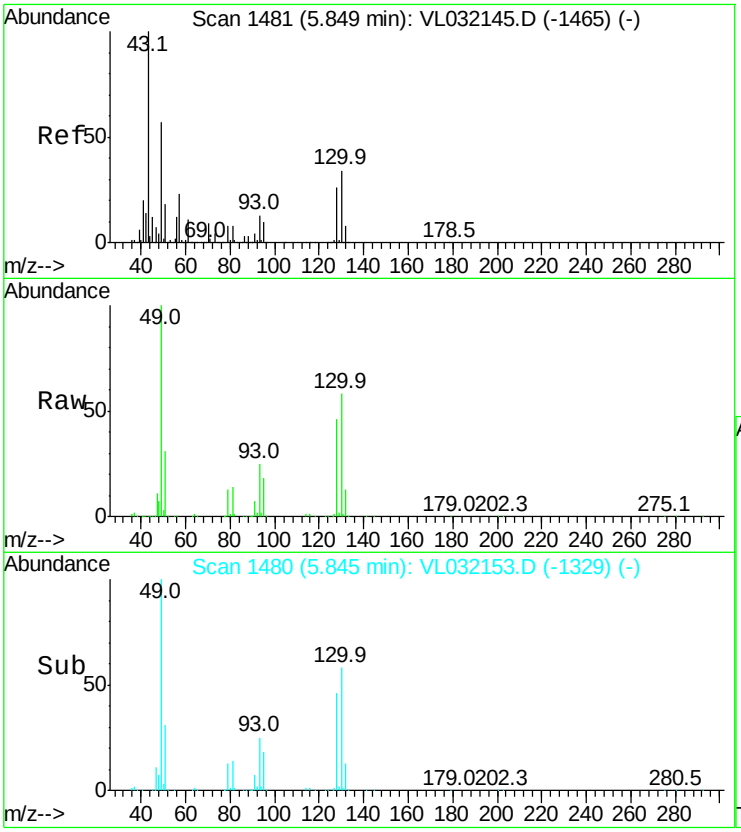
Quantitation Report (Not Reviewed)

Data File : VL032153.D
Acq On : 29 Jun 2018 23:51
Operator : SY/AP
Sample : VL0629ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0629ABL01

Quant Time: Jul 03 14:40:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062918AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jun 29 22:27:58 2018
QLast Update : Fri Jun 29 22:27:58 2018
Response via : Initial Calibration



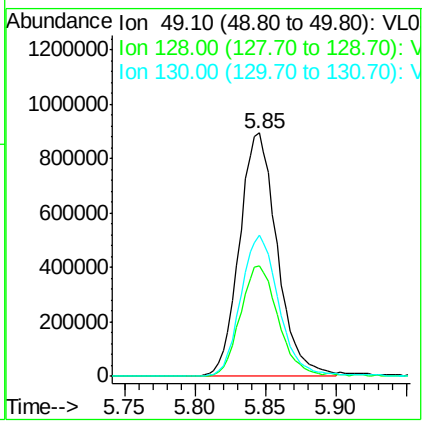


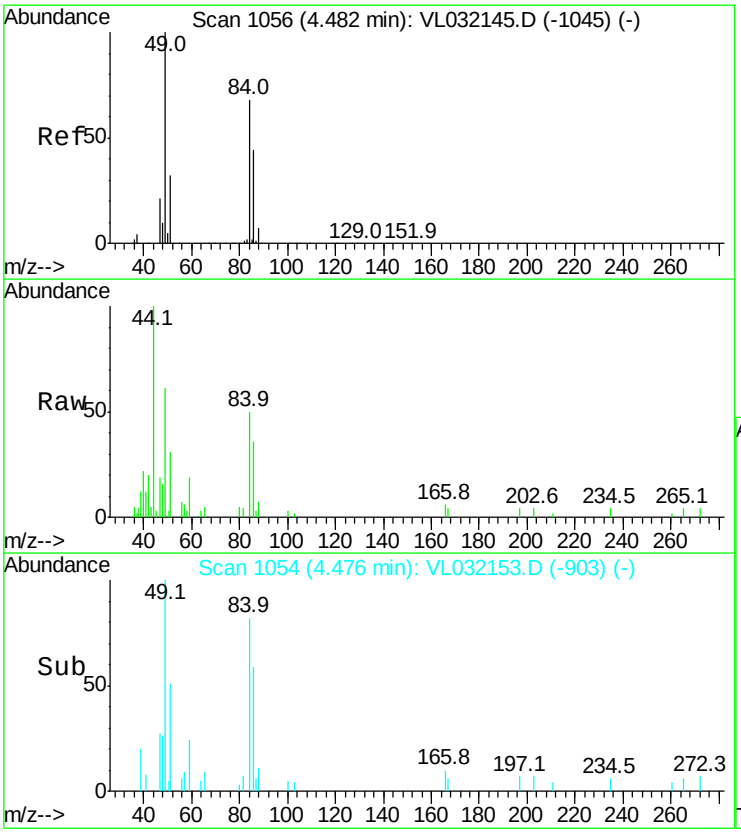
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.85 min Scan# 1480
Delta R.T. -0.02 min
Lab File: VL032153.D
Acq: 29 Jun 2018 23:51

Instrument :
MSVOA_L
ClientSampleId :
VL0629ABL01

Tgt Ion: 49 Resp: 1683555

Ion	Ratio	Lower	Upper
49	100		
128	46.2	23.4	70.0
130	59.0	30.3	90.9

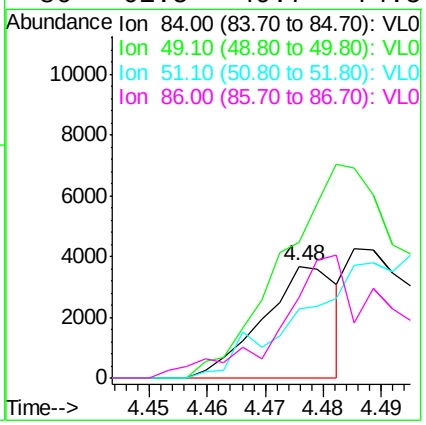


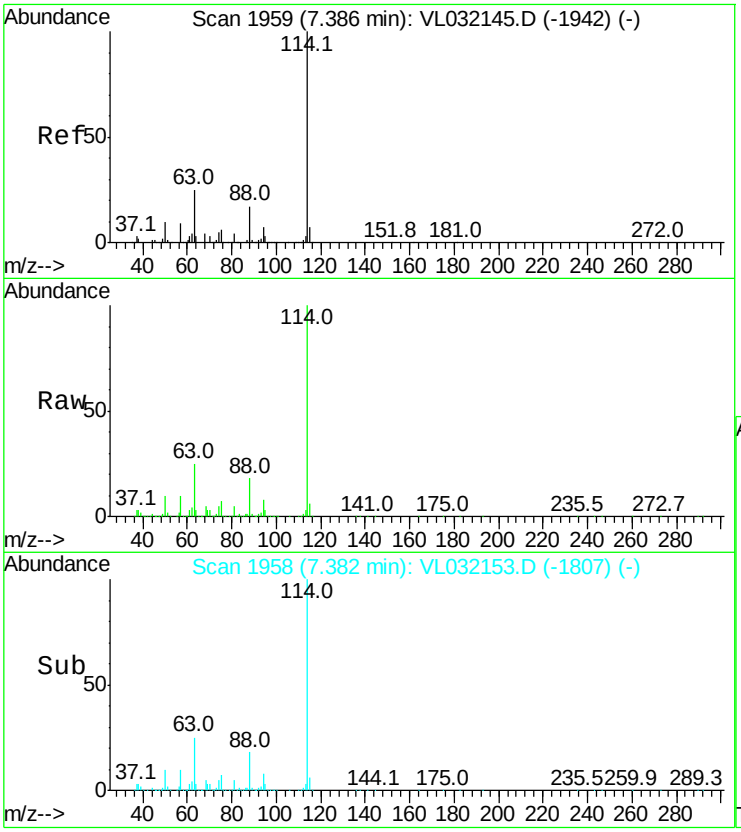


#20
Methylene Chloride
Concen: 0.045 ppbv
RT: 4.48 min Scan# 1054
Delta R.T. -0.02 min
Lab File: VL032153.D
Acq: 29 Jun 2018 23:51

Tgt Ion: 84 Resp: 3264

Ion	Ratio	Lower	Upper
84	100		
49	121.4	119.6	179.4
51	62.1	36.3	54.5#
86	61.5	49.7	74.5



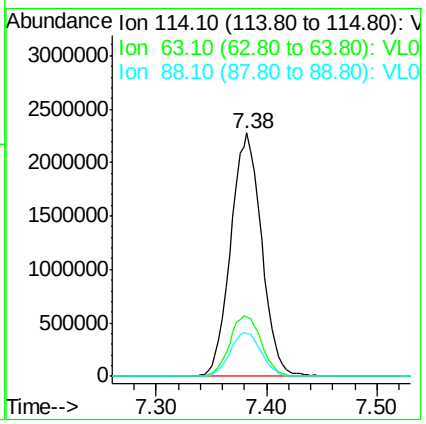


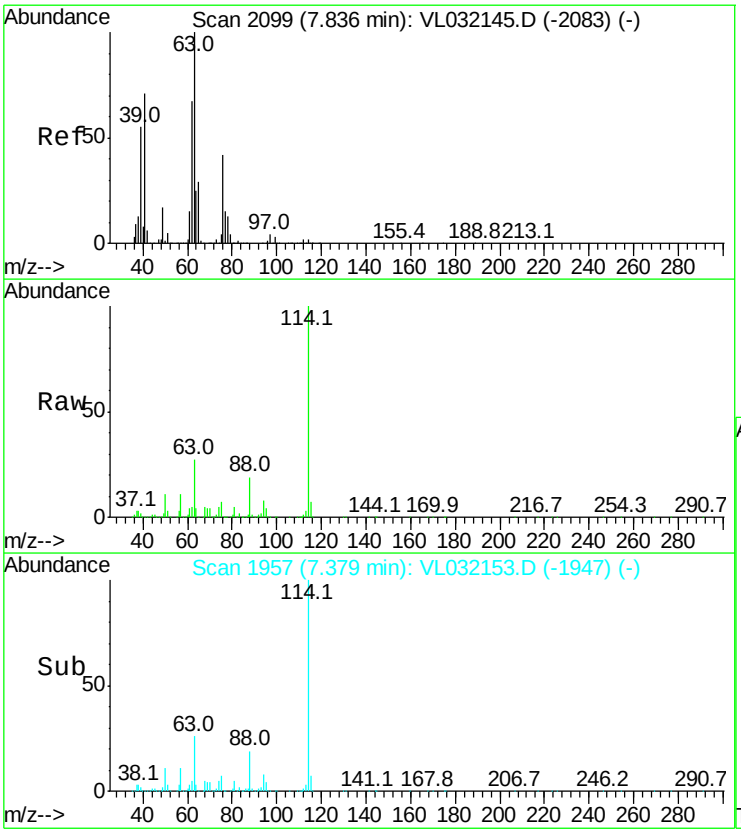
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.38 min Scan# 1958
Delta R.T. -0.02 min
Lab File: VL032153.D
Acq: 29 Jun 2018 23:51

Instrument :
MSVOA_L
ClientSampleId :
VL0629ABL01

Tgt Ion:114 Resp: 4406030

Ion	Ratio	Lower	Upper
114	100		
63	25.8	19.1	28.7
88	18.5	13.9	20.9

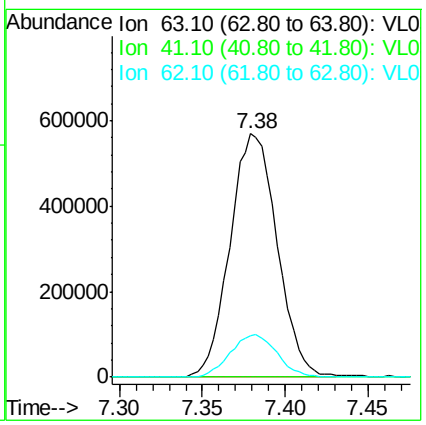


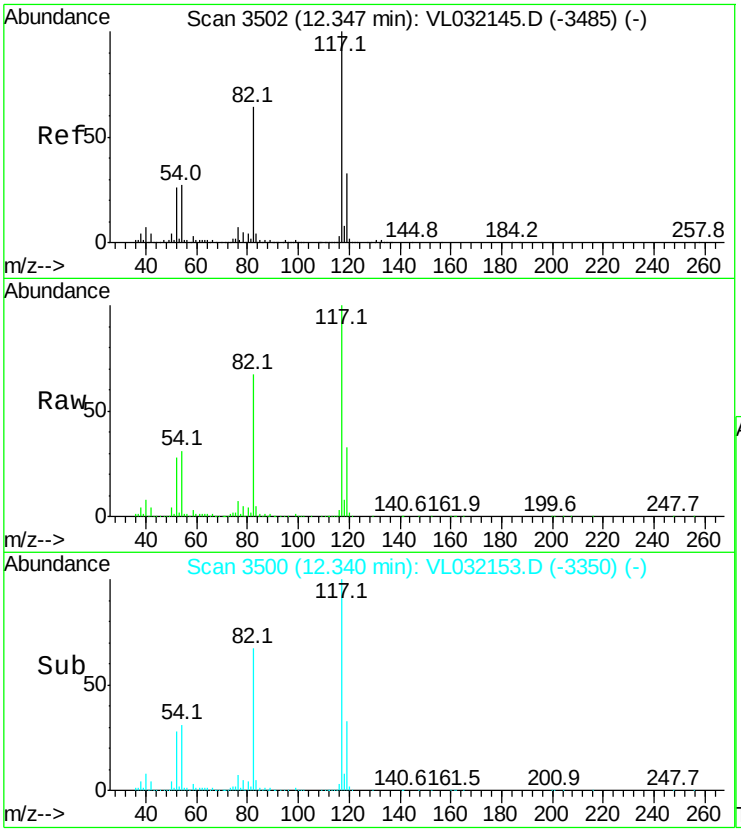


#39
1,2-Dichloropropane
Concen: 6.608 ppbv
RT: 7.38 min Scan# 1957
Delta R.T. -0.47 min
Lab File: VL032153.D
Acq: 29 Jun 2018 23:51

Tgt Ion: 63 Resp: 1111376

Ion	Ratio	Lower	Upper
63	100		
41	0.1	53.3	79.9#
62	17.1	54.8	82.2#



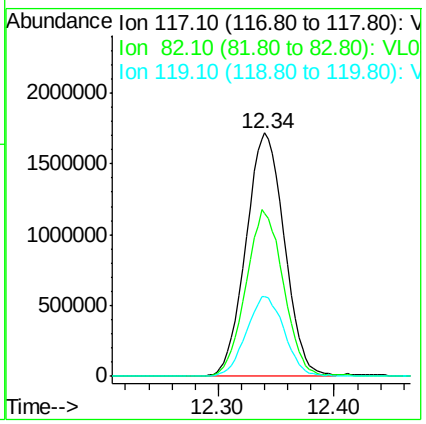


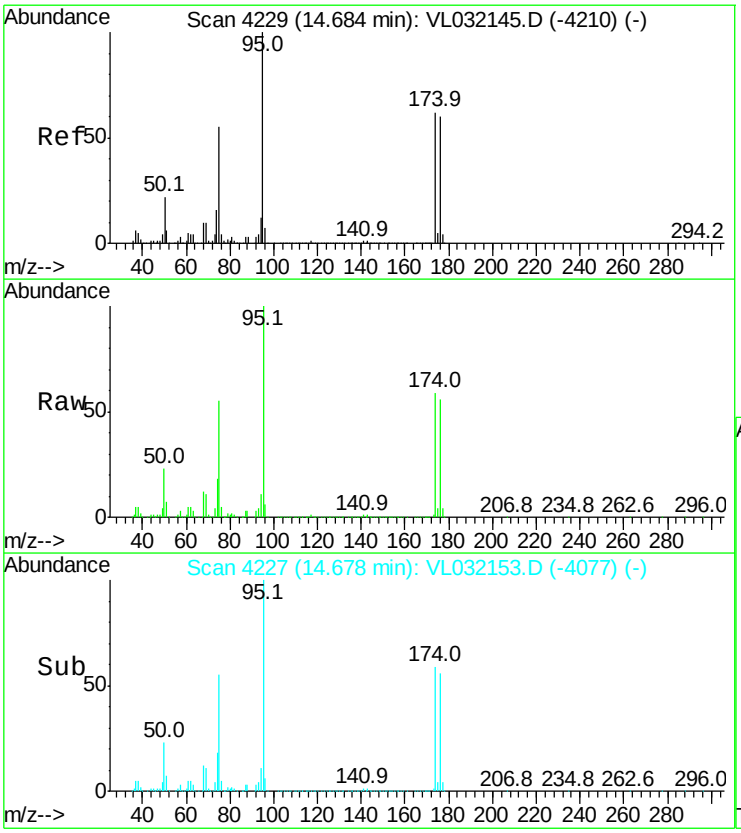
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.34 min Scan# 3500
Delta R.T. -0.02 min
Lab File: VL032153.D
Acq: 29 Jun 2018 23:51

Instrument :
MSVOA_L
ClientSampleId :
VL0629ABL01

Tgt Ion:117 Resp: 3960757

Ion	Ratio	Lower	Upper
117	100		
82	67.8	47.8	71.8
119	32.6	43.3	64.9#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.284 ppbv
RT: 14.68 min Scan# 4227
Delta R.T. -0.02 min
Lab File: VL032153.D
Acq: 29 Jun 2018 23:51

Tgt Ion: 95 Resp: 3113525

Ion	Ratio	Lower	Upper
95	100		
174	58.5	52.1	78.1
175	4.4	4.0	6.0