Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL062918\
Data File : VL032160.D
Acq On : 30 Jun 2018 7:53
Operator : SY/AP
Sample : J3601-02DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
RESIDENT-A-INDOORDL

Manual Integrations APPROVED
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7/2/2018 4:25:39 PM

Quant Time: Jul 02 11:59:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062918AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jun 2
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	5.84	49	1581331	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.38	114	3820227	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.34	117	3995824	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.67	95	3091937	10.12	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.20%			
Target Compounds						Qvalue
13) Ethanol	3.72	45	208868	7.65	ppbv	100
15) Acetone	3.98	43	304826	1.65	ppbv	94
53) Toluene	10.05	91	134191m	0.30	ppbv	

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

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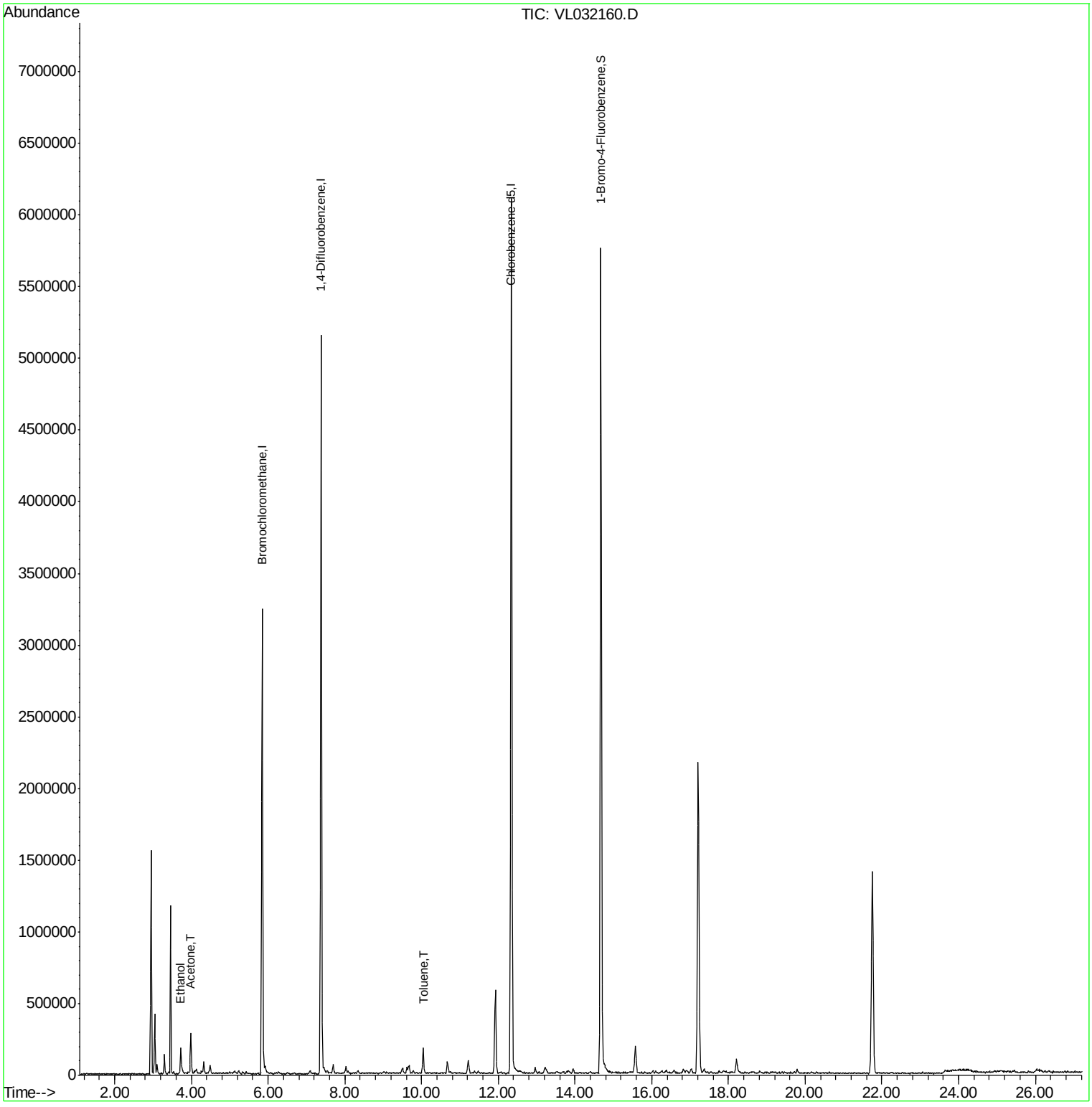
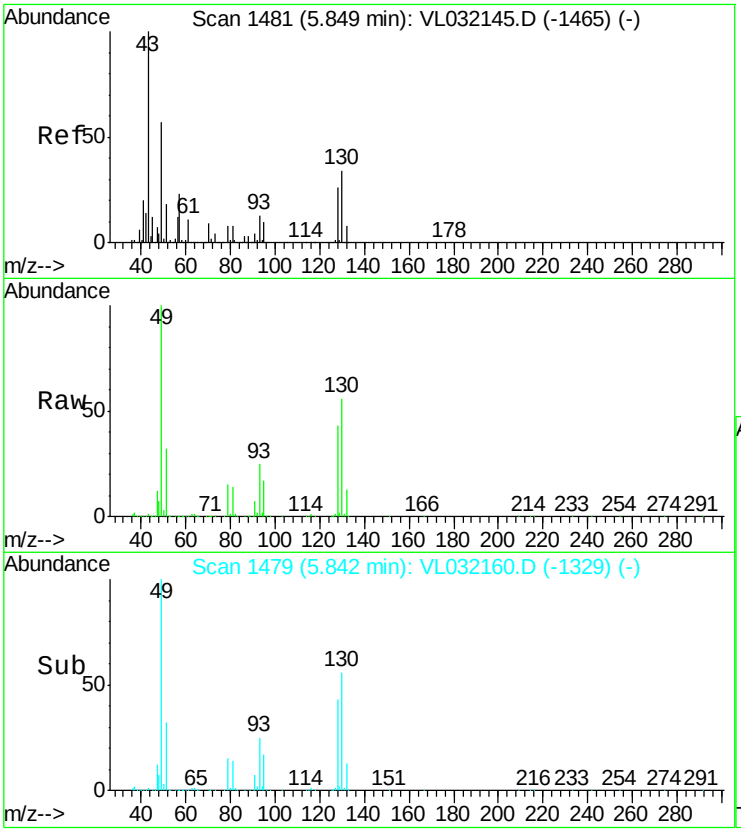
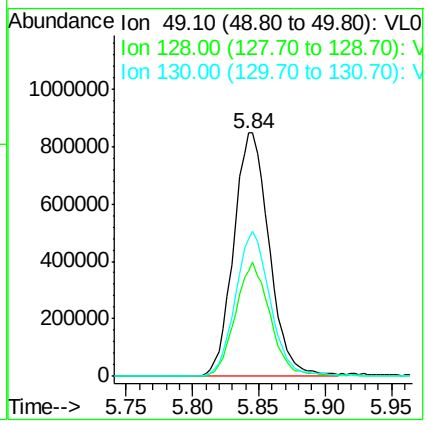




#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.84 min Scan# 1479
Delta R.T. -0.02 min
Lab File: VL032160.D
Acq: 30 Jun 2018 7:53

Tgt Ion: 49 Resp: 1581331

Ion	Ratio	Lower	Upper
49	100		
128	45.7	23.4	70.0
130	58.3	30.3	90.9



Instrument :
MSVOA_L
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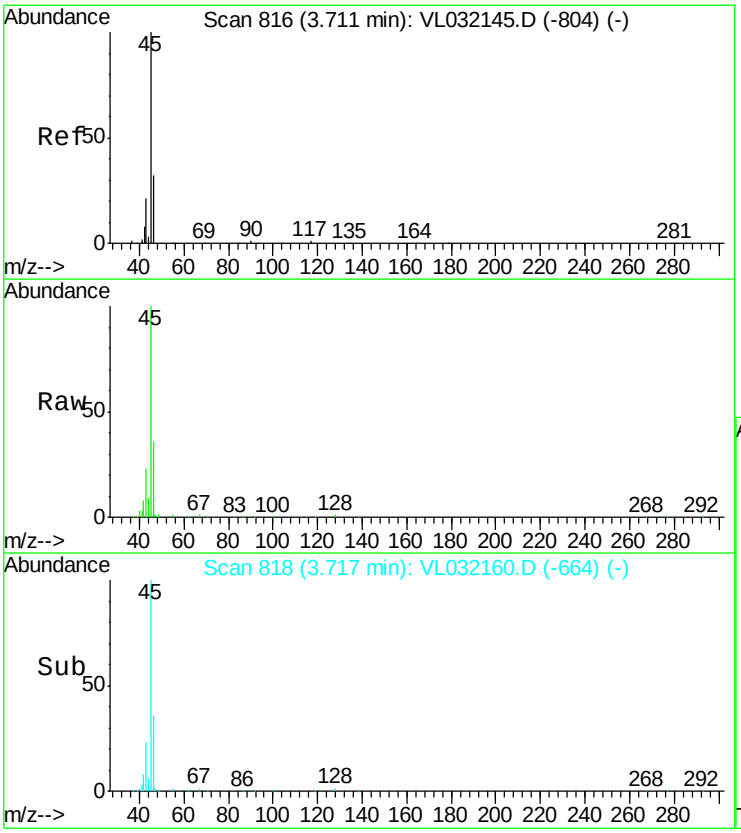
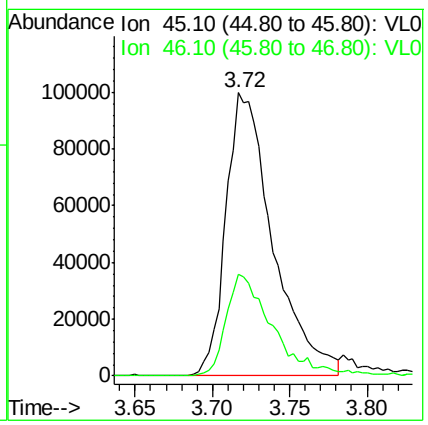
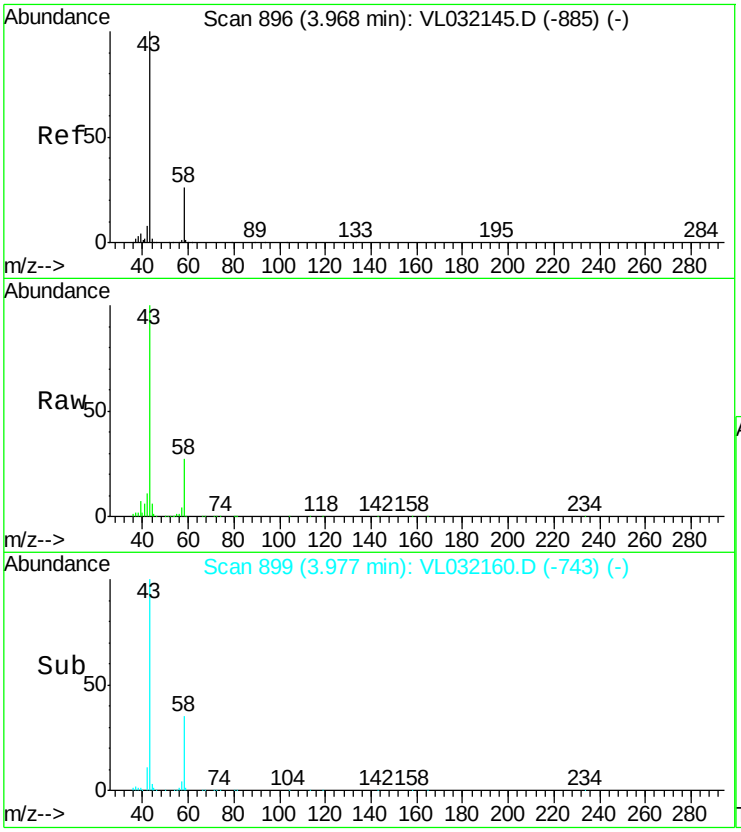


#13
Ethanol
Concen: 7.65 ppbv
RT: 3.72 min Scan# 818
Delta R.T. -0.01 min
Lab File: VL032160.D
Acq: 30 Jun 2018 7:53

Tgt Ion: 45 Resp: 208868

Ion	Ratio	Lower	Upper
45	100		
46	36.2	14.6	58.4

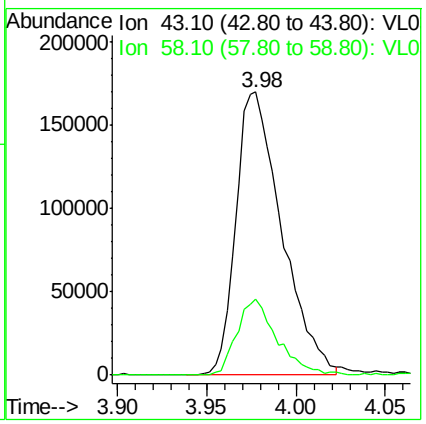




#15
Acetone
Concen: 1.65 ppbv
RT: 3.98 min Scan# 899
Delta R.T. -0.00 min
Lab File: VL032160.D
Acq: 30 Jun 2018 7:53

Tgt Ion: 43 Resp: 304826

Ion	Ratio	Lower	Upper
43	100		
58	23.6	21.4	32.0



Instrument :
MSVOA_L
ClientSampleId :
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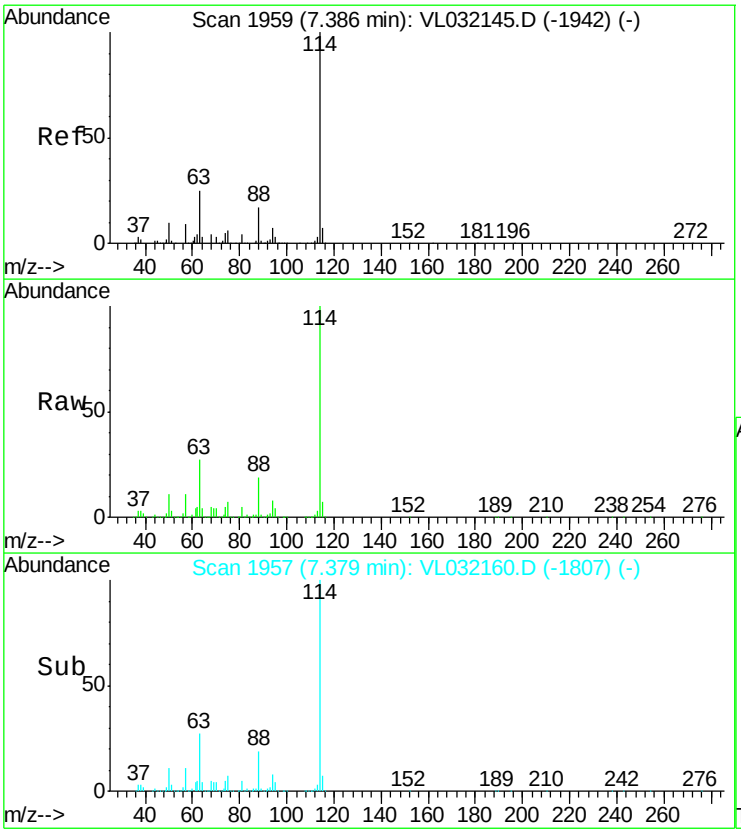
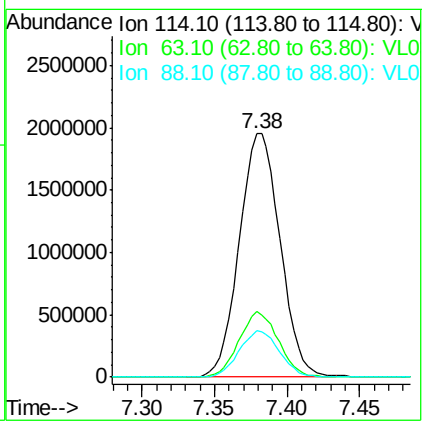
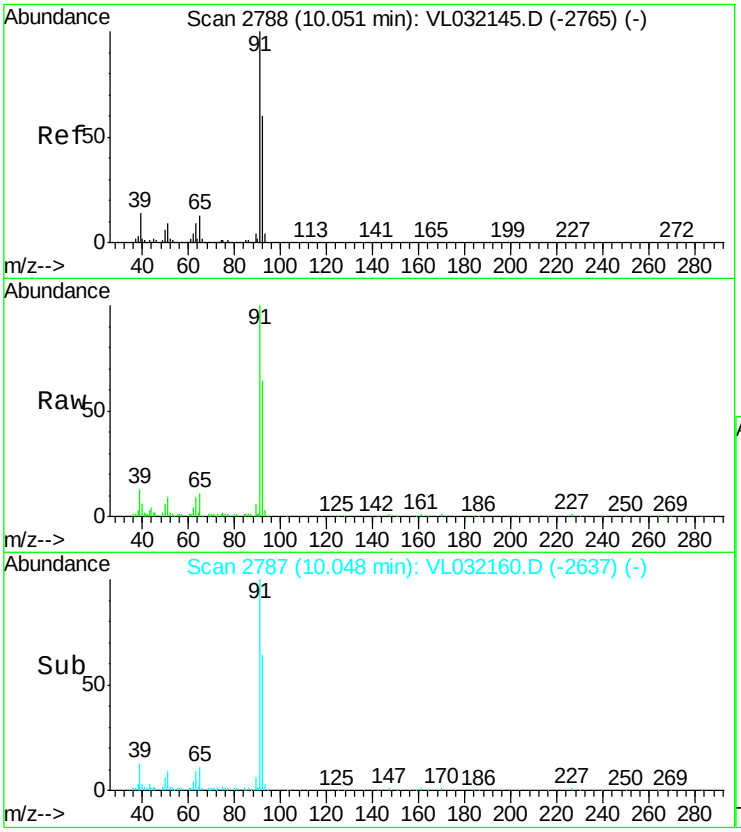


#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.38 min Scan# 1957
Delta R.T. -0.02 min
Lab File: VL032160.D
Acq: 30 Jun 2018 7:53

Tgt Ion:114 Resp: 3820227

Ion	Ratio	Lower	Upper
114	100		
63	26.2	19.1	28.7
88	18.8	13.9	20.9





#53
Toluene
Concen: 0.30 ppbv m
RT: 10.05 min Scan# 2787
Delta R.T. -0.02 min
Lab File: VL032160.D
Acq: 30 Jun 2018 7:53

Tgt Ion: 91 Resp: 134191

Ion	Ratio	Lower	Upper
91	100		
92	0.0	49.2	73.8#

Instrument :
MSVOA_L
ClientSampleId :
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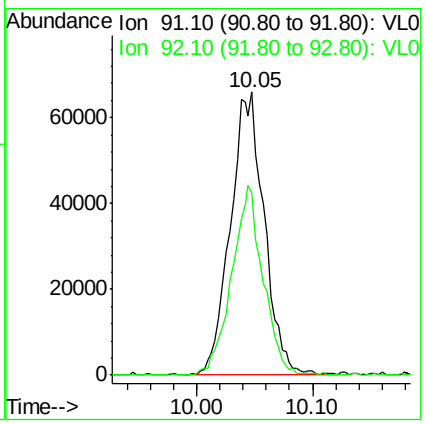
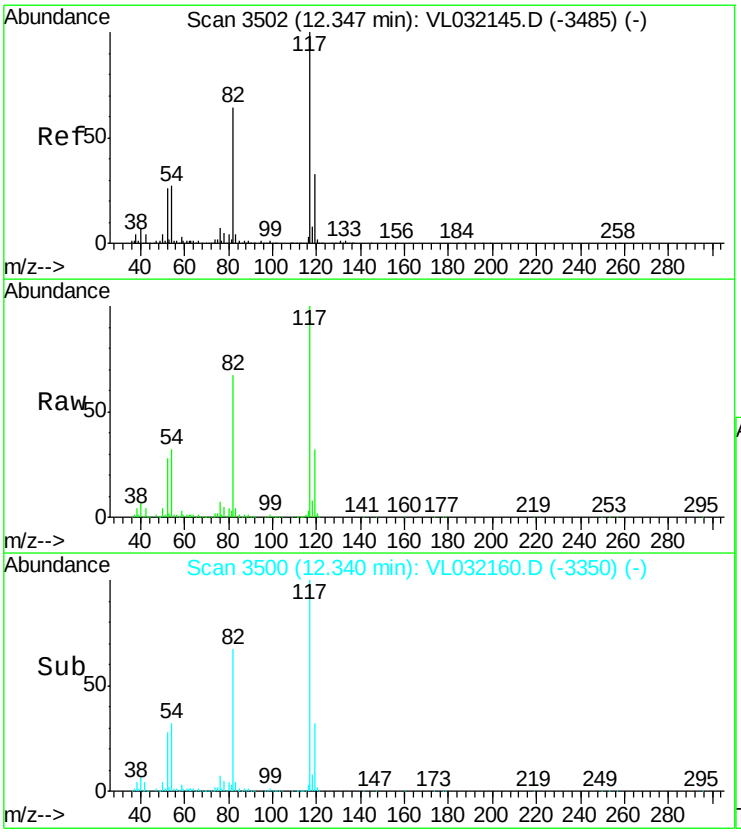
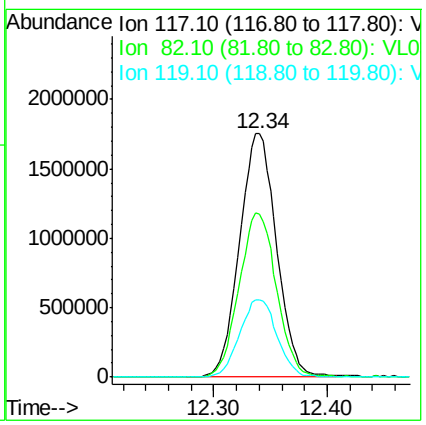


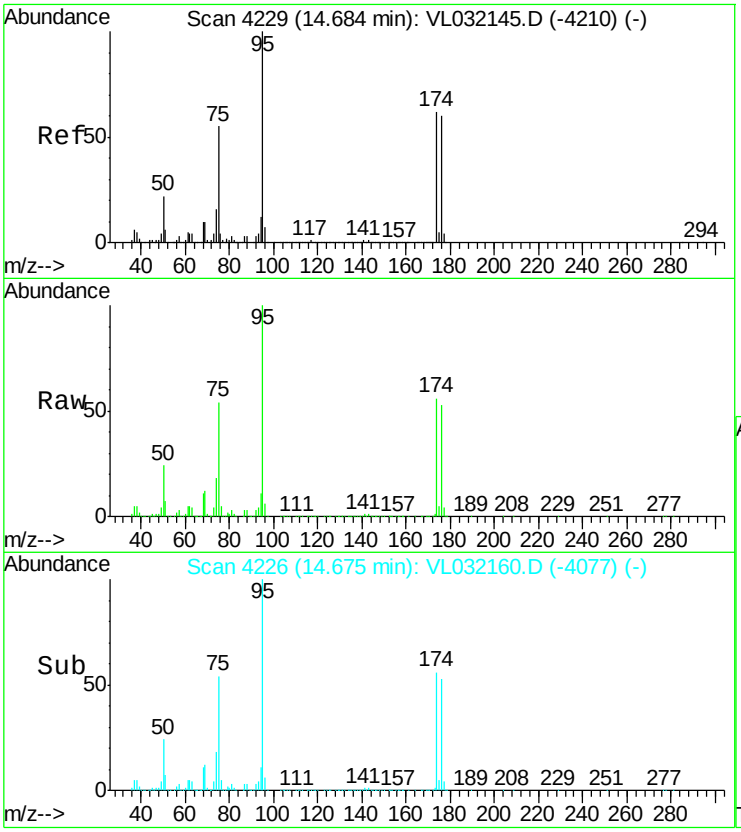


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.34 min Scan# 3500
Delta R.T. -0.02 min
Lab File: VL032160.D
Acq: 30 Jun 2018 7:53

Tgt Ion:117 Resp: 3995824

Ion	Ratio	Lower	Upper
117	100		
82	68.9	47.8	71.8
119	32.4	43.3	64.9#

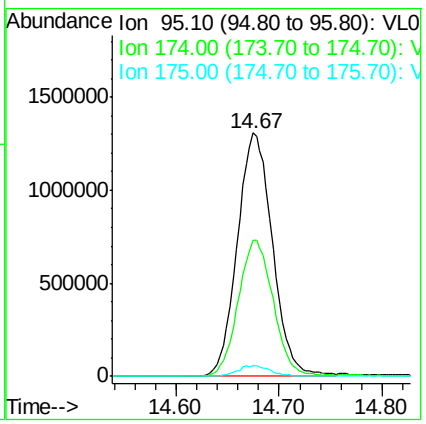




#68
1-Bromo-4-Fluorobenzene
Concen: 10.12 ppbv
RT: 14.67 min Scan# 4226
Delta R.T. -0.02 min
Lab File: VL032160.D
Acq: 30 Jun 2018 7:53

Tgt Ion: 95 Resp: 3091937

Ion	Ratio	Lower	Upper
95	100		
174	56.7	52.1	78.1
175	4.3	4.0	6.0



Instrument :
MSVOA_L
ClientSampleId :
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