Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121118\
Data File : VL032980.D
Acq On : 12 Dec 2018 10:55
Operator : SY/AP
Sample : J6264-15DL2 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
A55G1DL2

Manual Integrations APPROVED
MMDadoda
12/13/2018 7:58:56 AM

Quant Time: Dec 12 15:59:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Dec 0
QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	1039298	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2636577	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2495084	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	1878971	10.19	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.90%			
Target Compounds						Qvalue
13) Ethanol	3.67	45	16456m	1.536	ppbv	
15) Acetone	3.91	43	418925	4.696	ppbv	99
34) 2-Butanone	5.36	43	24358m	0.212	ppbv	
62) Isopropylbenzene	14.83	105	41371m	0.122	ppbv	

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

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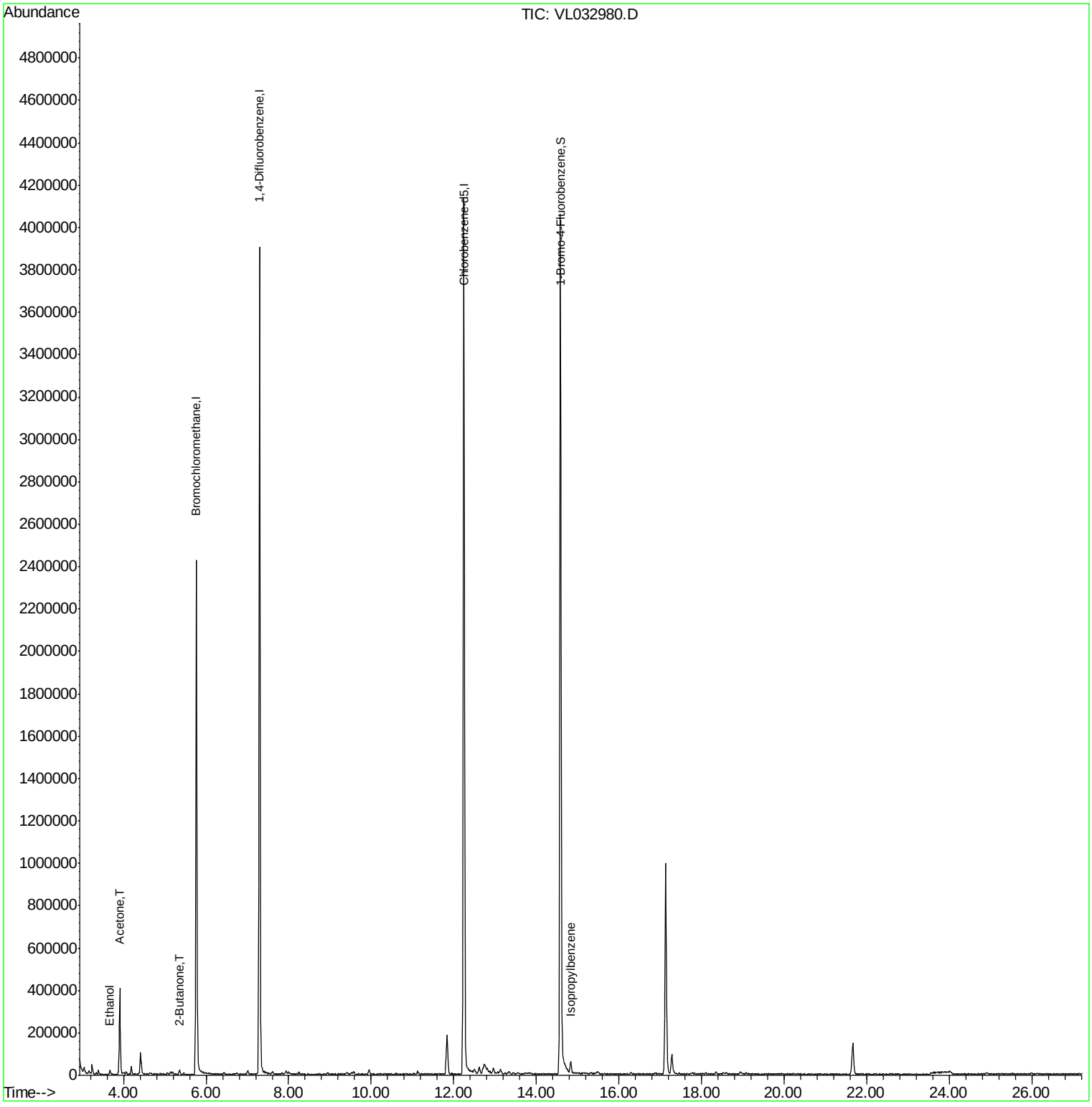
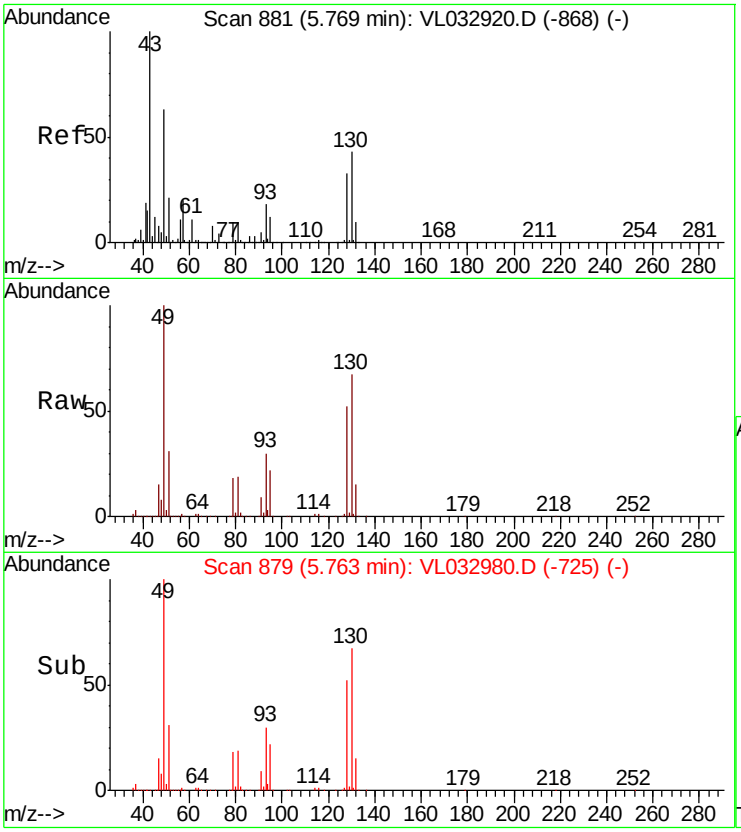
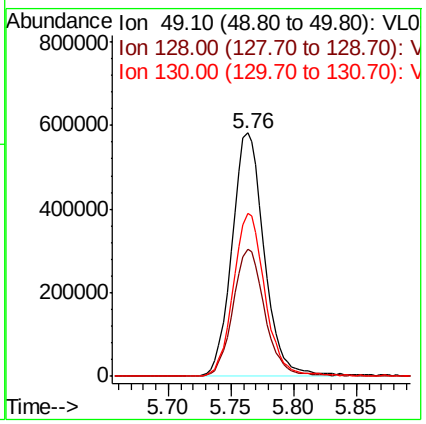




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 879
Delta R.T. -0.01 min
Lab File: VL032980.D
Acq: 12 Dec 2018 10:55

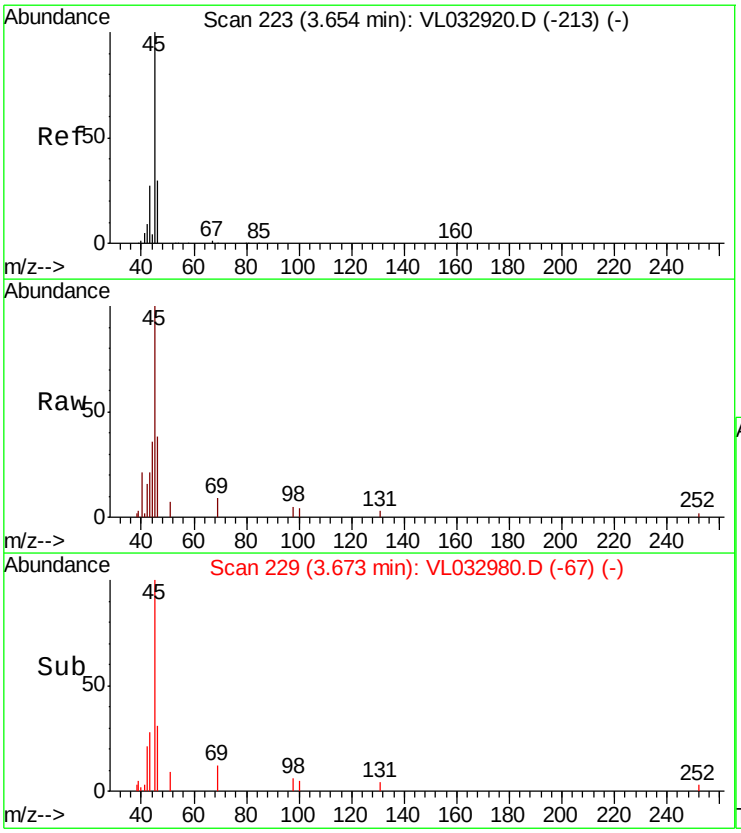
Tgt Ion: 49 Resp: 1039298

Ion	Ratio	Lower	Upper
49	100		
128	52.5	26.3	78.8
130	66.4	33.9	101.7



Instrument :
MSVOA_L
ClientSampleId :
A55G1DL2

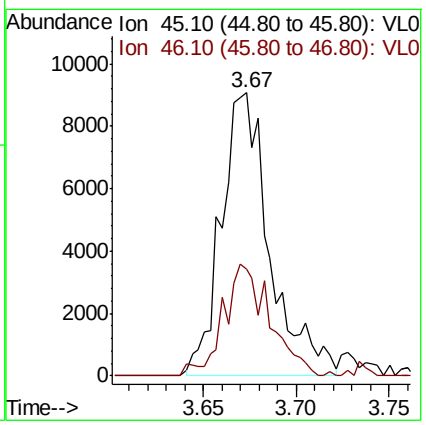
Manual Integrations APPROVED
MMDadoda
12/13/2018 7:58:56 AM

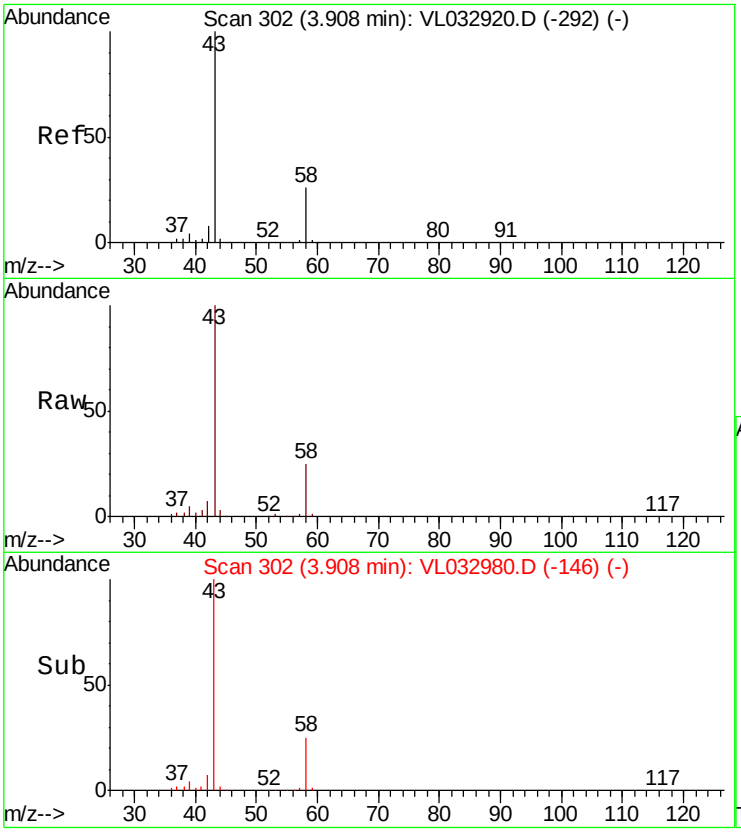


#13
Ethanol
Concen: 1.536 ppbv m
RT: 3.67 min Scan# 229
Delta R.T. 0.02 min
Lab File: VL032980.D
Acq: 12 Dec 2018 10:55

Tgt Ion: 45 Resp: 16456

Ion	Ratio	Lower	Upper
45	100		
46	37.9	13.8	55.4

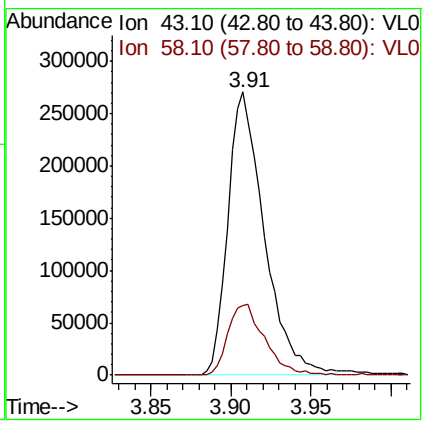




#15
Acetone
Concen: 4.696 ppbv
RT: 3.91 min Scan# 302
Delta R.T. 0.00 min
Lab File: VL032980.D
Acq: 12 Dec 2018 10:55

Tgt Ion: 43 Resp: 418925

Ion	Ratio	Lower	Upper
43	100		
58	26.0	20.6	30.8



Instrument :
MSVOA_L
ClientSampleId :
A55G1DL2

Manual Integrations APPROVED
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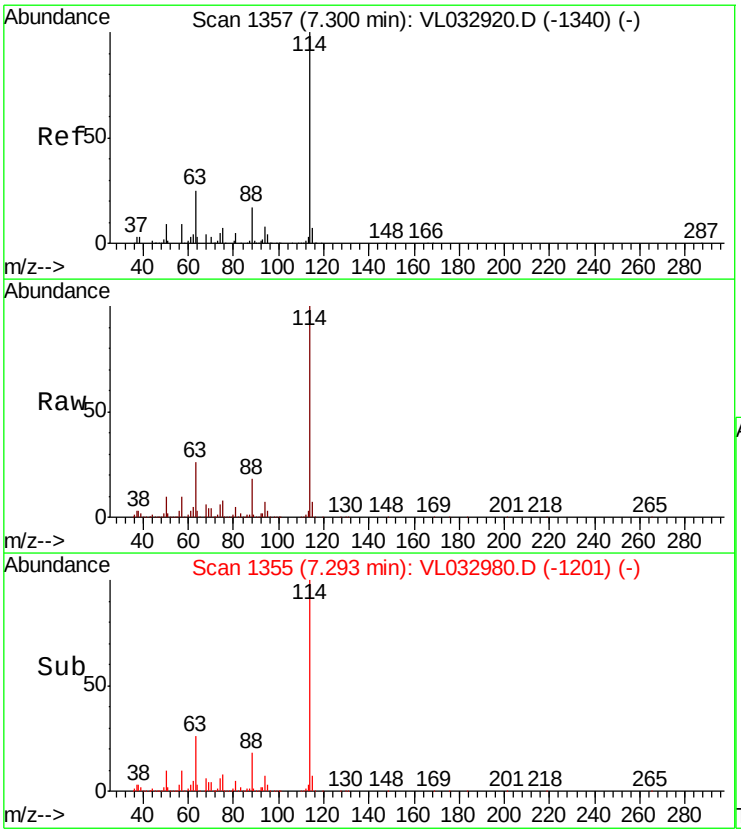
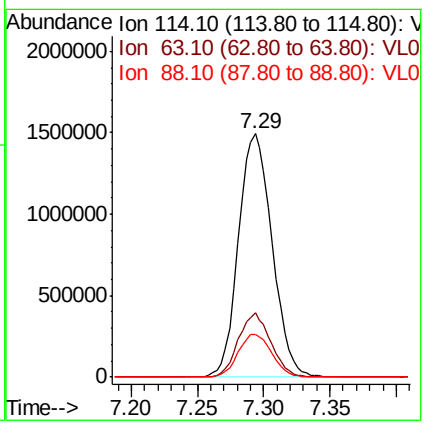
12/13/2018 7:58:56 AM

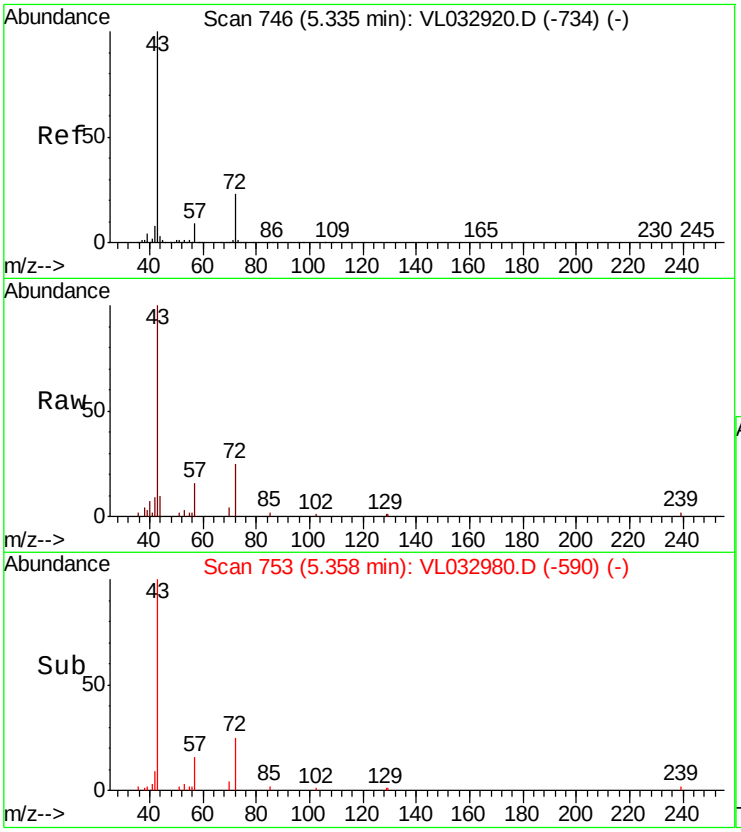


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. -0.01 min
Lab File: VL032980.D
Acq: 12 Dec 2018 10:55

Tgt Ion:114 Resp: 2636577

Ion	Ratio	Lower	Upper
114	100		
63	25.5	20.1	30.1
88	17.7	14.2	21.4

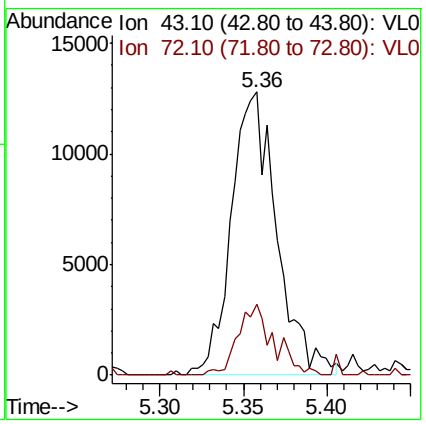




#34
2-Butanone
Concen: 0.212 ppbv m
RT: 5.36 min Scan# 753
Delta R.T. 0.02 min
Lab File: VL032980.D
Acq: 12 Dec 2018 10:55

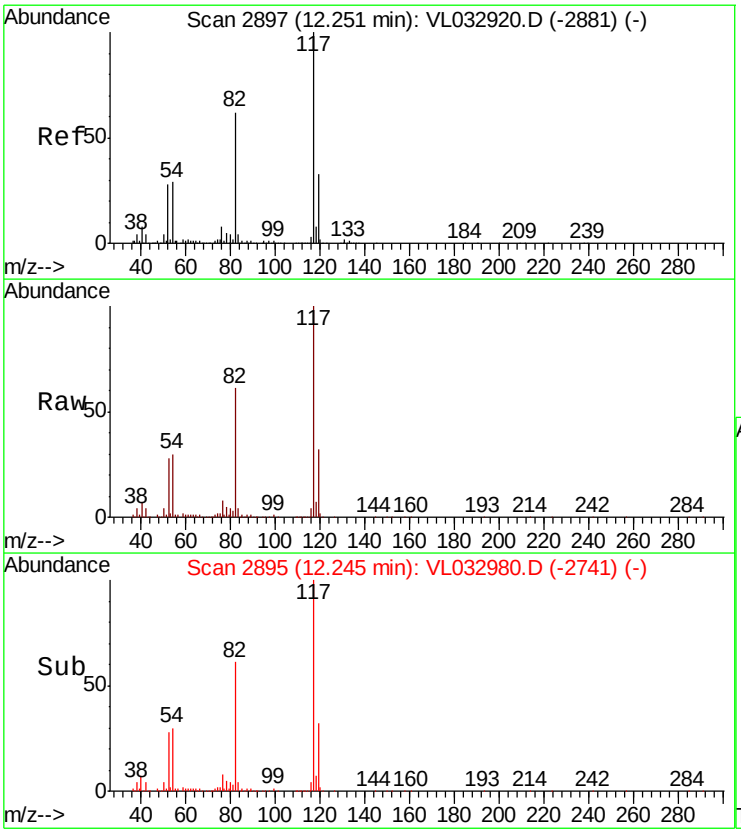
Tgt Ion: 43 Resp: 24358

Ion	Ratio	Lower	Upper
43	100		
72	20.4	18.8	28.2



Instrument :
MSVOA_L
ClientSampleId :
A55G1DL2

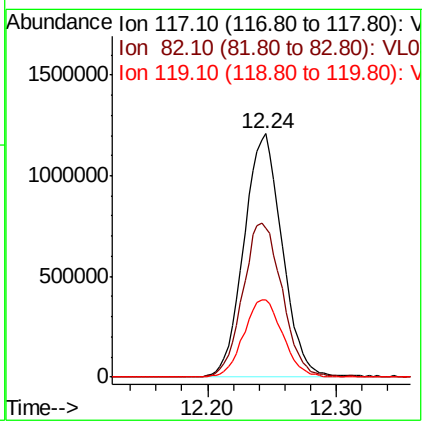
Manual Integrations APPROVED
MMDadoda
12/13/2018 7:58:56 AM

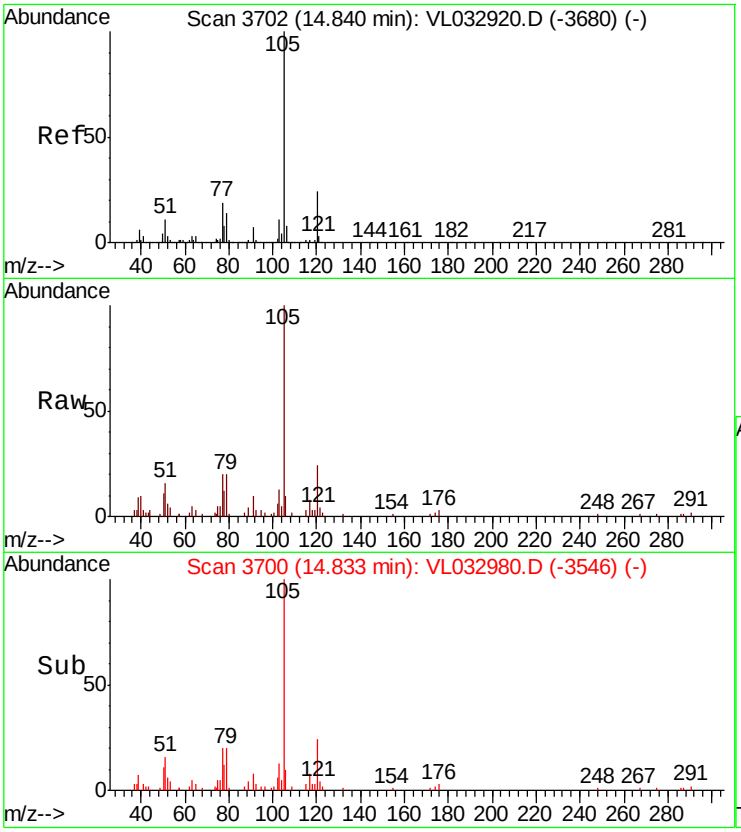


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2895
Delta R.T. -0.01 min
Lab File: VL032980.D
Acq: 12 Dec 2018 10:55

Tgt Ion:117 Resp: 2495084

Ion	Ratio	Lower	Upper
117	100		
82	65.7	47.8	71.8
119	32.6	43.1	64.7#





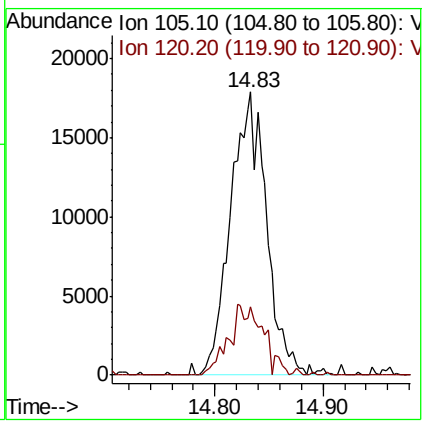
#62
Isopropylbenzene
Concen: 0.122 ppbv m
RT: 14.83 min Scan# 3700
Delta R.T. -0.01 min
Lab File: VL032980.D
Acq: 12 Dec 2018 10:55

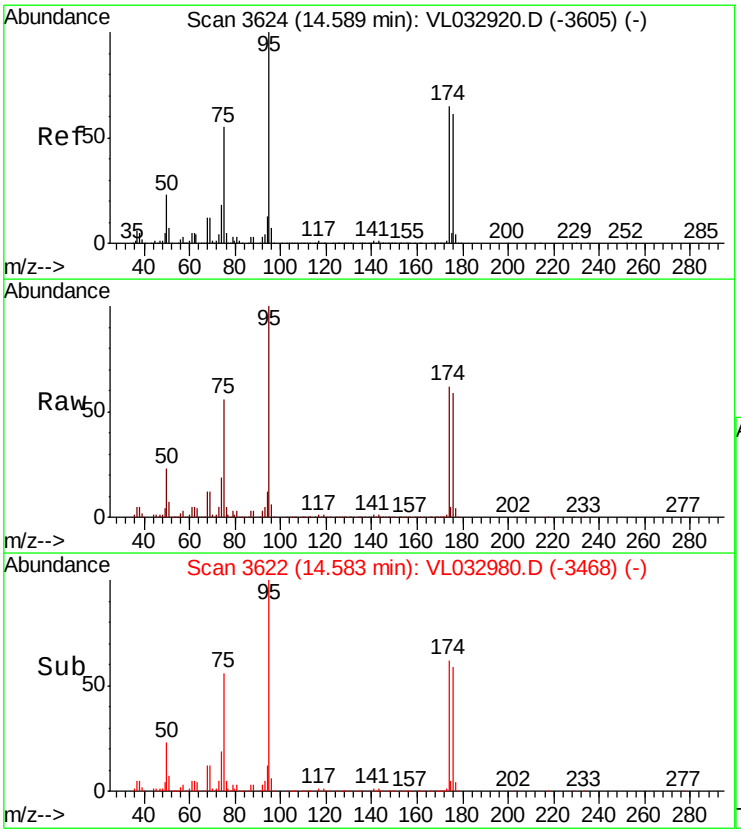
Tgt Ion:105 Resp: 41371

Ion	Ratio	Lower	Upper
105	100		
120	1.2	20.3	30.5#

Instrument :
MSVOA_L
ClientSampleId :
A55G1DL2

Manual Integrations APPROVED
MMDadoda
12/13/2018 7:58:56 AM





#68
1-Bromo-4-Fluorobenzene
Concen: 10.193 ppbv
RT: 14.58 min Scan# 3622
Delta R.T. -0.01 min
Lab File: VL032980.D
Acq: 12 Dec 2018 10:55

Tgt Ion: 95 Resp: 1878971

Ion	Ratio	Lower	Upper
95	100		
174	65.1	51.4	77.0
175	4.8	3.8	5.6