Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101118\
Data File : VL032624.D
Acq On : 12 Oct 2018 4:10
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VIBLK

Manual Integrations APPROVED
MMDadoda
10/12/2018 2:07:48 PM

Quant Time: Oct 12 08:00:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 0
QLast Update : Mon Oct 01 06:49:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.78	49	1240965	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.31	114	2799345	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.27	117	3011162	10.00	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.61	95	2171463	9.56	ppbv	-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.60%			
Target Compounds						Qvalue
13) Ethanol	3.67	45	44577m	3.312	ppbv	
15) Acetone	3.92	43	63049	0.579	ppbv	99
20) Methylene Chloride	4.43	84	102309	1.940	ppbv	95
26) Hexane	5.80	57	102478	0.858	ppbv #	39

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

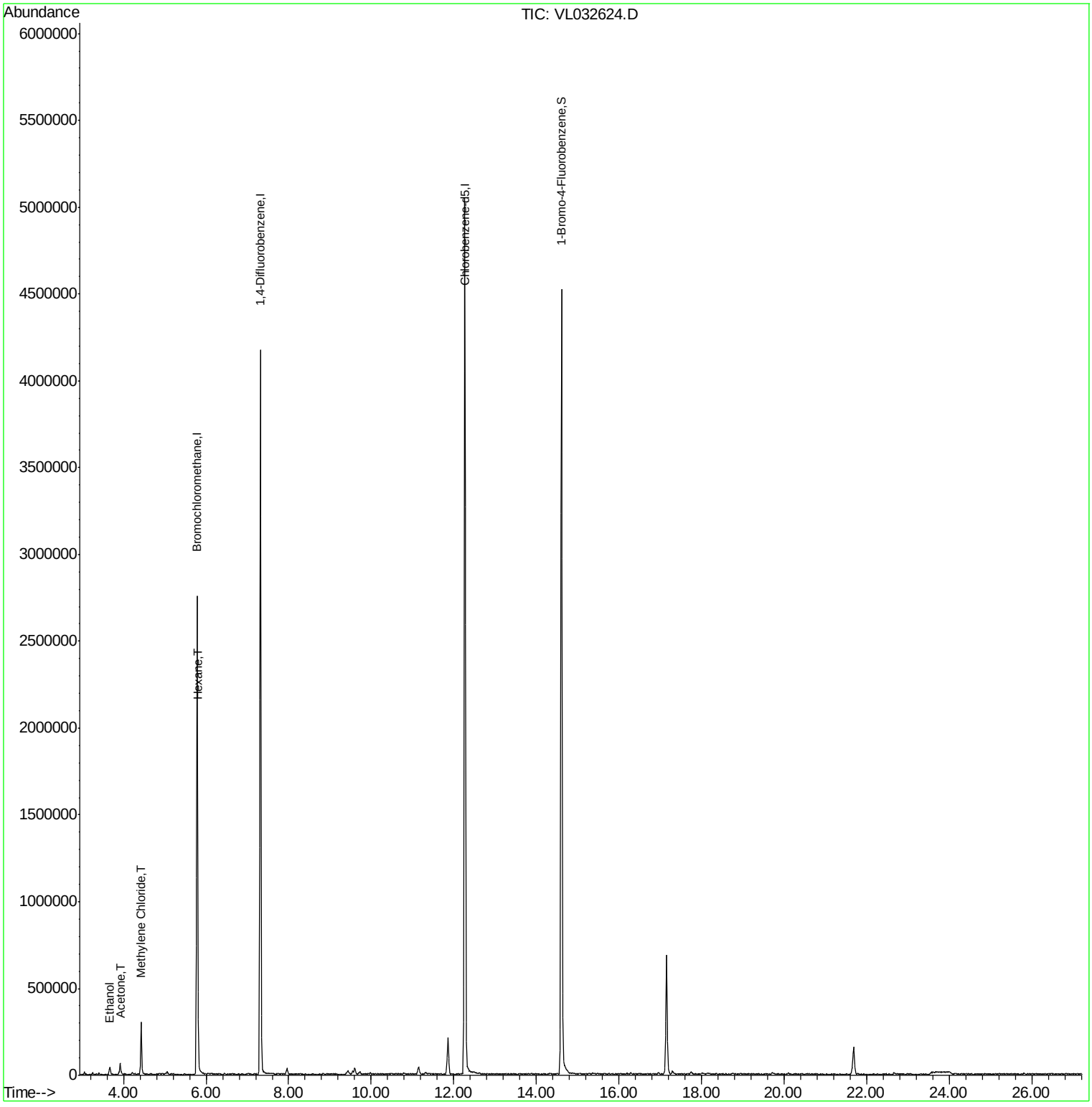
Quantitation Report (QT Reviewed)

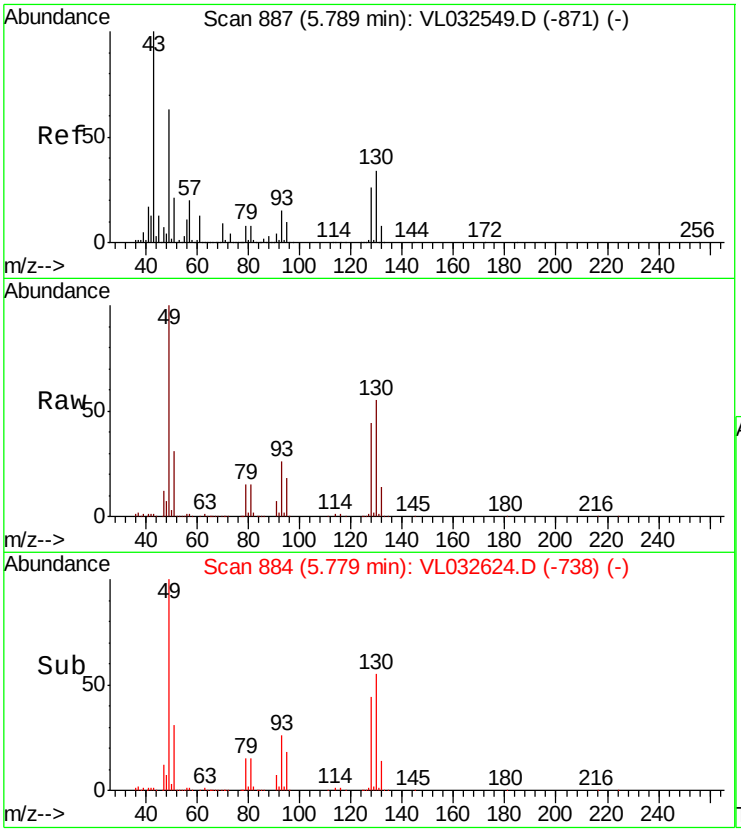
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101118\
Data File : VL032624.D
Acq On : 12 Oct 2018 4:10
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 12 08:00:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct
QLast Update : Mon Oct 01 06:49:26 2018
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Manual Integrations APPROVED
MMDadoda
10/12/2018 2:07:48 PM

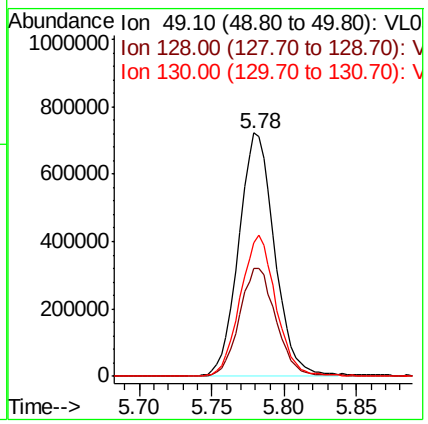




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.78 min Scan# 884
Delta R.T. -0.03 min
Lab File: VL032624.D
Acq: 12 Oct 2018 4:10

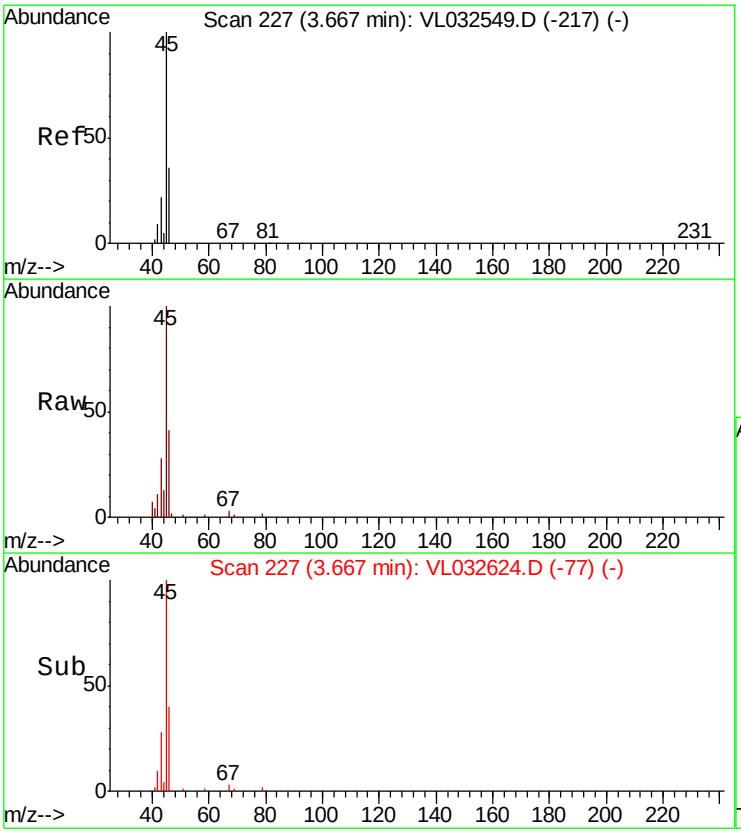
Tgt Ion: 49 Resp: 1240965

Ion	Ratio	Lower	Upper
49	100		
128	45.7	20.7	62.1
130	58.4	26.6	79.7



Instrument :
MSVOA_L
ClientSampleId :
VIBLK

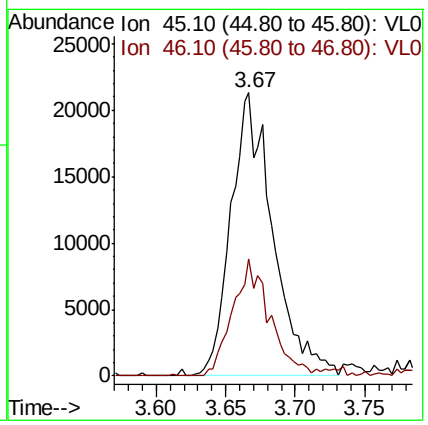
Manual Integrations APPROVED
MMDadoda
10/12/2018 2:07:48 PM

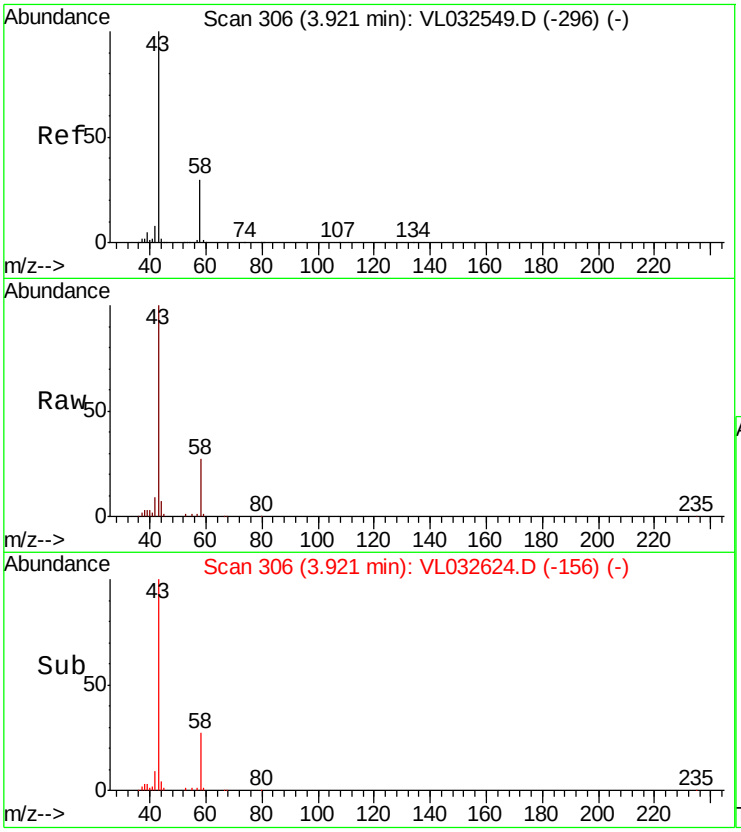


#13
Ethanol
Concen: 3.312 ppbv m
RT: 3.67 min Scan# 227
Delta R.T. -0.02 min
Lab File: VL032624.D
Acq: 12 Oct 2018 4:10

Tgt Ion: 45 Resp: 44577

Ion	Ratio	Lower	Upper
45	100		
46	37.7	14.2	56.8

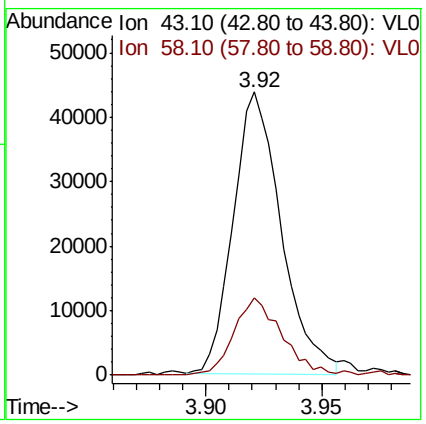




#15
Acetone
Concen: 0.579 ppbv
RT: 3.92 min Scan# 306
Delta R.T. -0.02 min
Lab File: VL032624.D
Acq: 12 Oct 2018 4:10

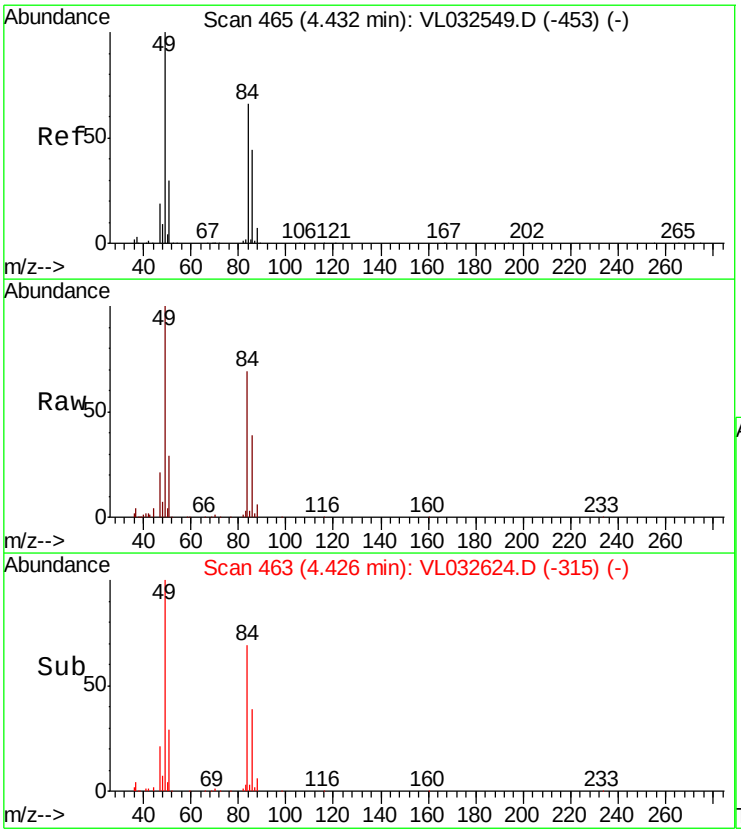
Tgt Ion: 43 Resp: 63049

Ion	Ratio	Lower	Upper
43	100		
58	27.9	22.6	33.8



Instrument :
MSVOA_L
ClientSampleId :
VIBLK

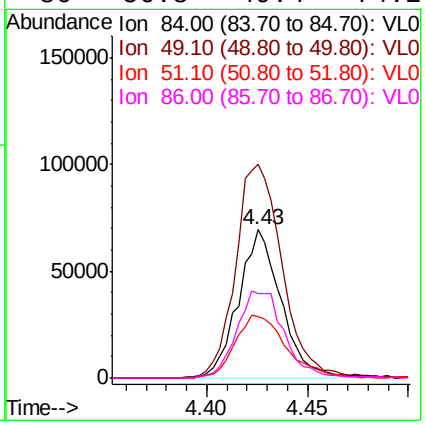
Manual Integrations APPROVED
MMDadoda
10/12/2018 2:07:48 PM

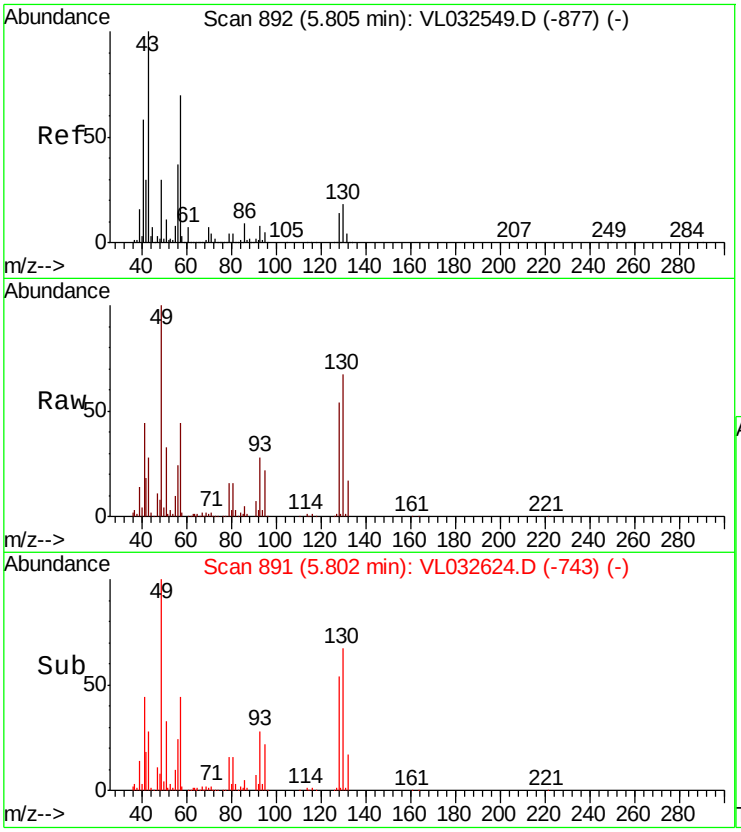


#20
Methylene Chloride
Concen: 1.940 ppbv
RT: 4.43 min Scan# 463
Delta R.T. -0.02 min
Lab File: VL032624.D
Acq: 12 Oct 2018 4:10

Tgt Ion: 84 Resp: 102309

Ion	Ratio	Lower	Upper
84	100		
49	143.6	119.1	178.7
51	41.4	35.2	52.8
86	56.8	49.4	74.2

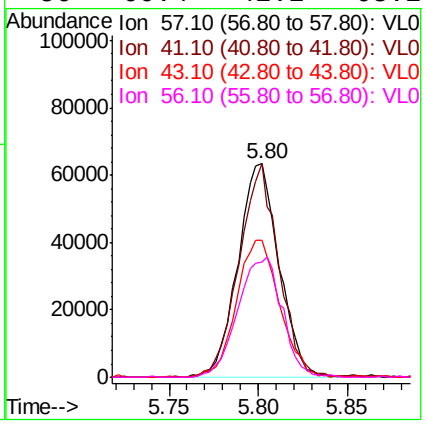




#26
Hexane
Concen: 0.858 ppbv
RT: 5.80 min Scan# 891
Delta R.T. -0.02 min
Lab File: VL032624.D
Acq: 12 Oct 2018 4:10

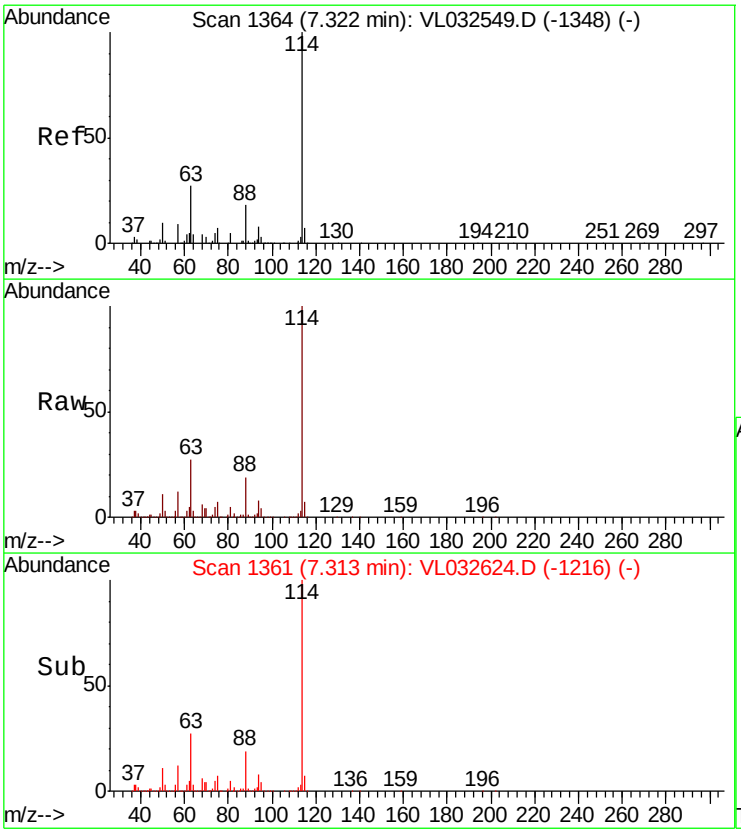
Tgt Ion: 57 Resp: 102478

Ion	Ratio	Lower	Upper
57	100		
41	96.3	69.0	103.4
43	67.9	172.1	258.1#
56	60.4	42.2	63.2



Instrument :
MSVOA_L
ClientSampleId :
VIBLK

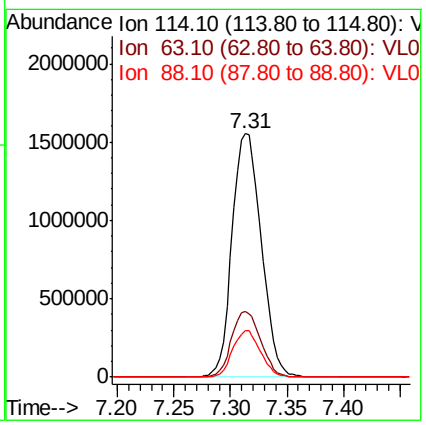
Manual Integrations APPROVED
MMDadoda
10/12/2018 2:07:48 PM

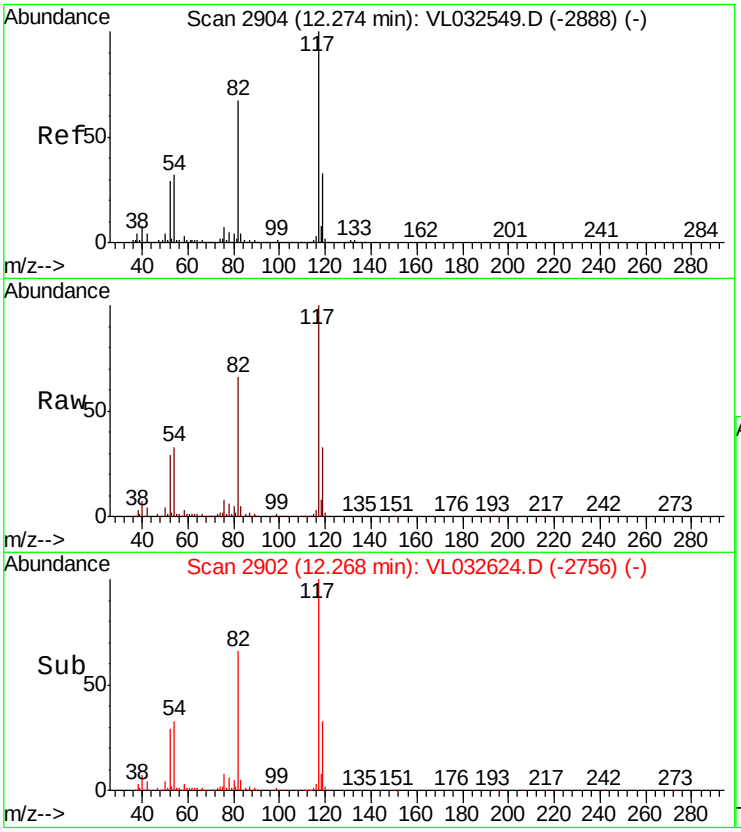


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.31 min Scan# 1361
Delta R.T. -0.03 min
Lab File: VL032624.D
Acq: 12 Oct 2018 4:10

Tgt Ion:114 Resp: 2799345

Ion	Ratio	Lower	Upper
114	100		
63	27.1	22.2	33.4
88	18.5	15.0	22.4

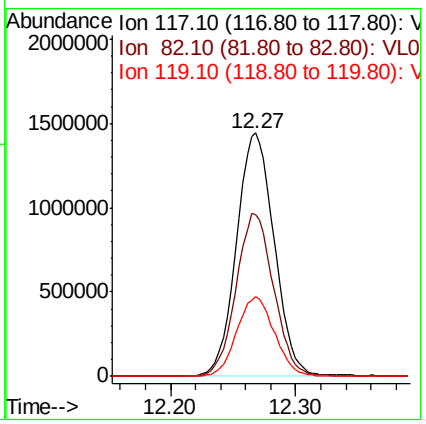




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.27 min Scan# 2902
Delta R.T. -0.03 min
Lab File: VL032624.D
Acq: 12 Oct 2018 4:10

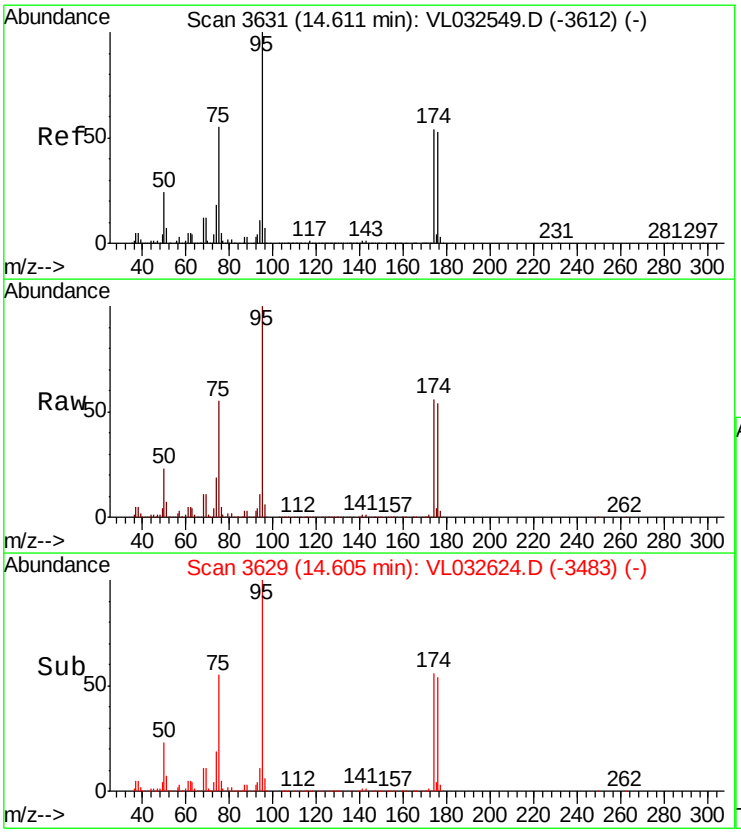
Tgt Ion:117 Resp: 3011162

Ion	Ratio	Lower	Upper
117	100		
82	67.0	53.0	79.6
119	32.9	45.9	68.9#



Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Manual Integrations APPROVED
MMDadoda
10/12/2018 2:07:48 PM



#68
1-Bromo-4-Fluorobenzene
Concen: 9.563 ppbv
RT: 14.61 min Scan# 3629
Delta R.T. -0.03 min
Lab File: VL032624.D
Acq: 12 Oct 2018 4:10

Tgt Ion: 95 Resp: 2171463

Ion	Ratio	Lower	Upper
95	100		
174	59.0	46.3	69.5
175	4.1	3.4	5.0