Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102419\
Data File : VL034354.D
Acq On : 24 Oct 2019 20:09
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Manual Integrations APPROVED
MMDadoda
10/28/2019 9:43:48 AM

Quant Time: Oct 25 03:03:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 1
QLast Update : Thu Oct 17 05:12:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	951276	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	2069519	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.14	117	2046262	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.48	95	1657838	9.57	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.70%			
Target Compounds						Qvalue
15) Acetone	3.85	43	30953	0.227	ppbv	# 77
20) Methylene Chloride	4.34	84	26653	0.542	ppbv	# 73
52) Tetrachloroethene	11.28	164	45229m	0.581	ppbv	

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

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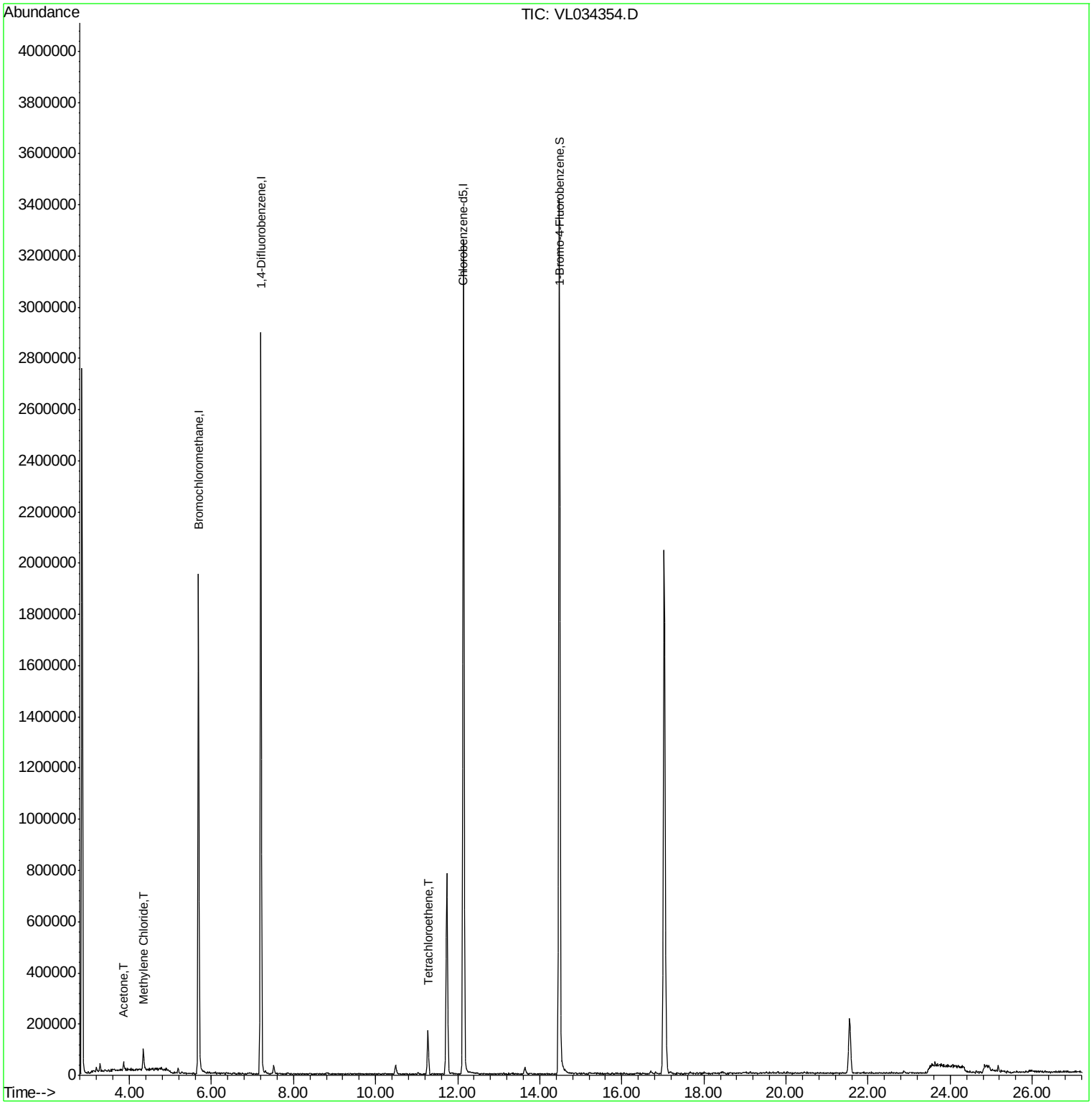
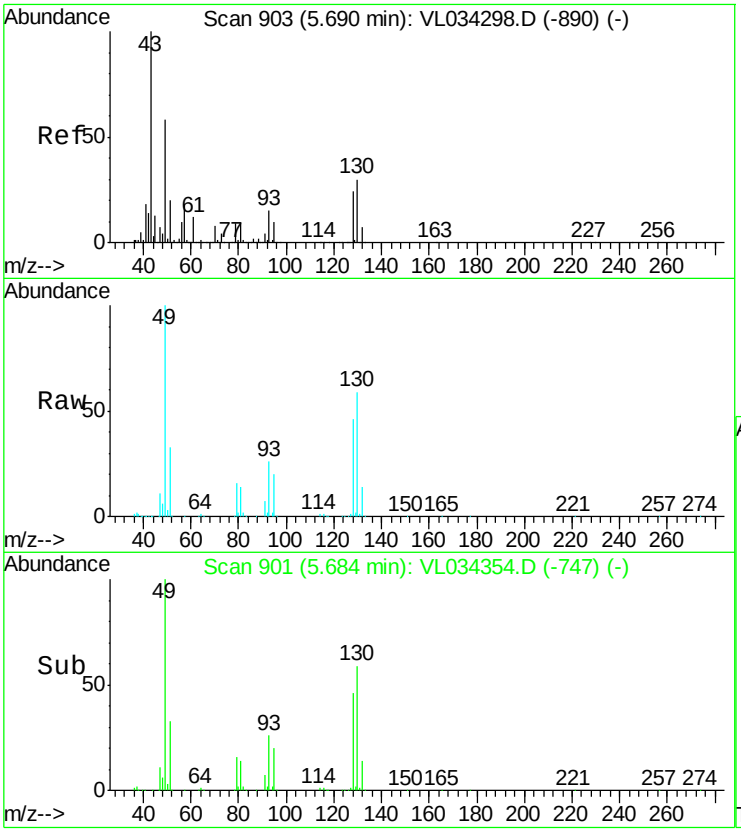
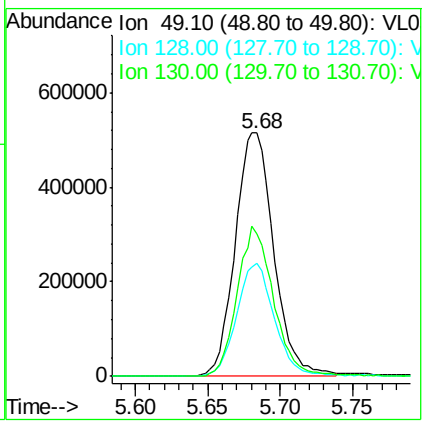




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.01 min
Lab File: VL034354.D
Acq: 24 Oct 2019 20:09

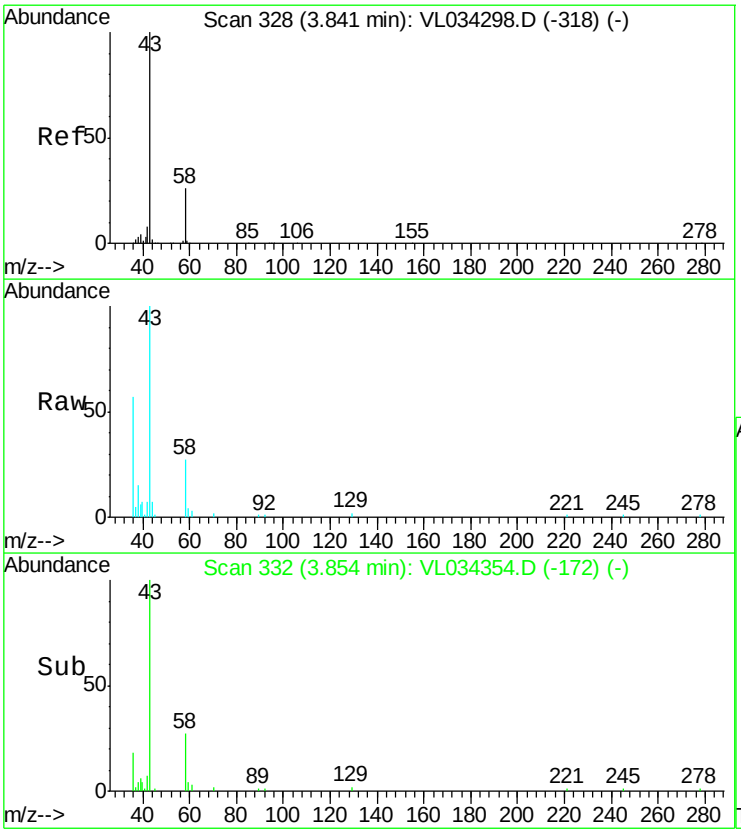
Tgt Ion: 49 Resp: 951276

Ion	Ratio	Lower	Upper
49	100		
128	45.9	20.6	61.8
130	58.6	26.2	78.5



Instrument :
MSVOA_L
ClientSampleId :
VIBLK

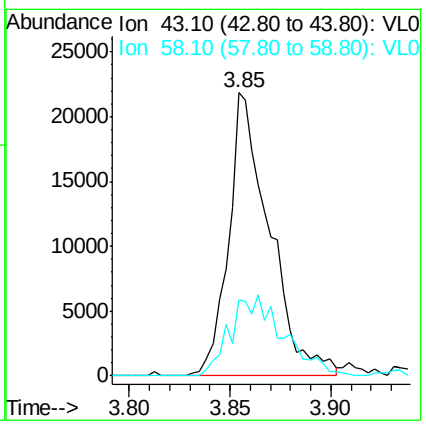
Manual Integrations APPROVED
MMDadoda
10/28/2019 9:43:48 AM

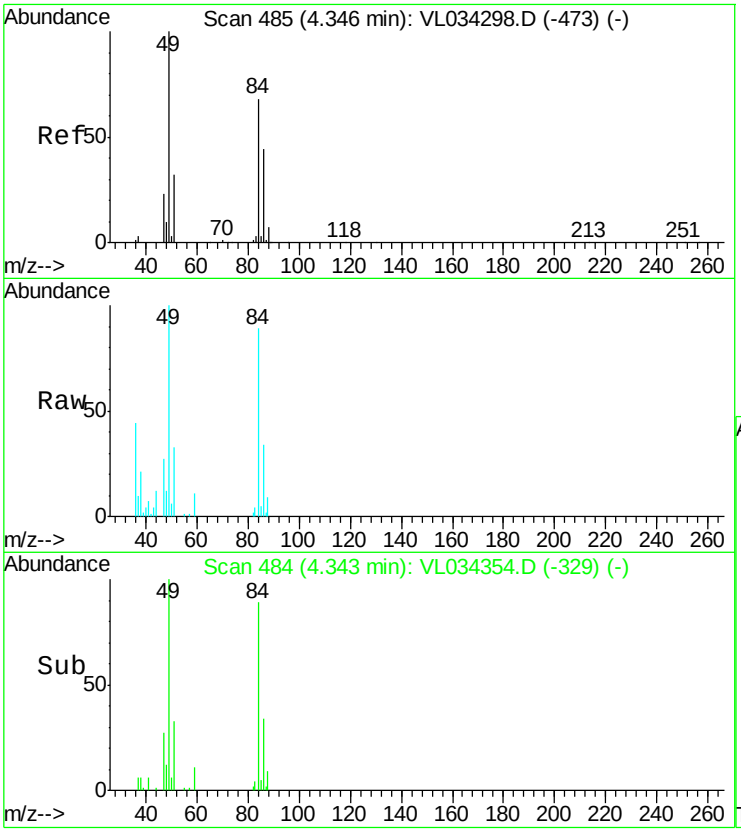


#15
Acetone
Concen: 0.227 ppbv
RT: 3.85 min Scan# 332
Delta R.T. 0.01 min
Lab File: VL034354.D
Acq: 24 Oct 2019 20:09

Tgt Ion: 43 Resp: 30953

Ion	Ratio	Lower	Upper
43	100		
58	37.0	20.4	30.6#

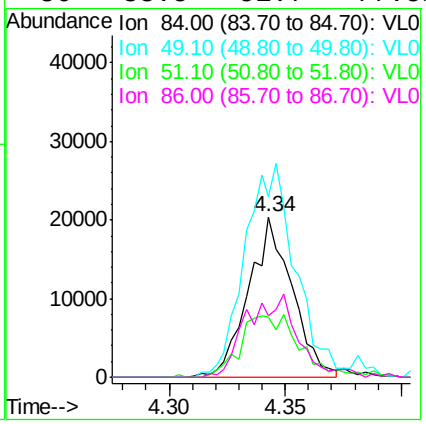




#20
Methylene Chloride
Concen: 0.542 ppbv
RT: 4.34 min Scan# 484
Delta R.T. -0.00 min
Lab File: VL034354.D
Acq: 24 Oct 2019 20:09

Tgt Ion: 84 Resp: 26653

Ion	Ratio	Lower	Upper
84	100		
49	112.9	118.5	177.7#
51	37.7	38.8	58.2#
86	38.5	51.7	77.5#



Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Manual Integrations APPROVED
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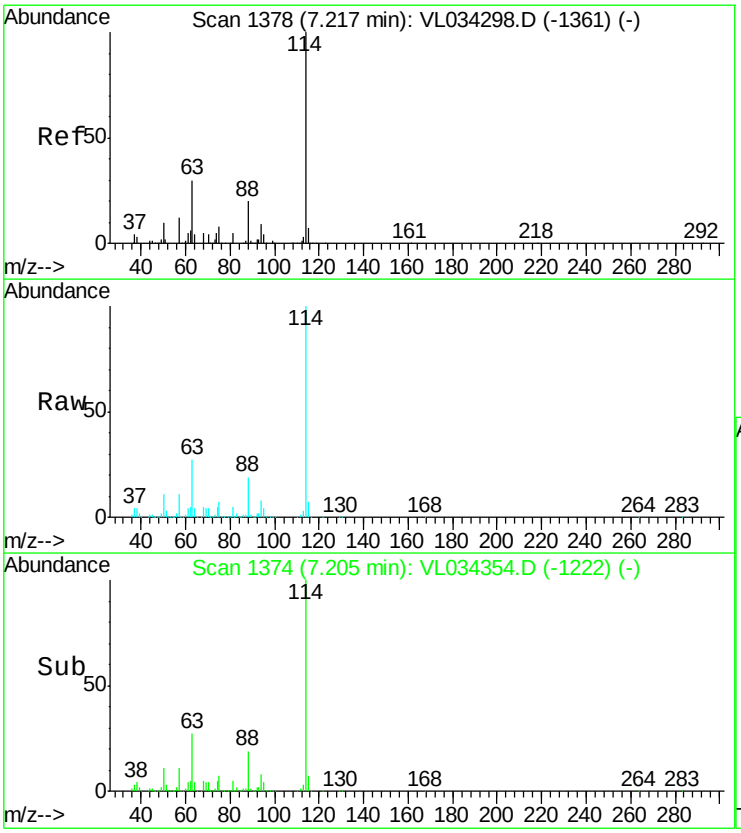
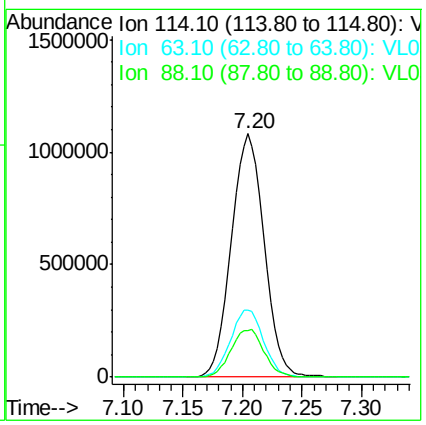
10/28/2019 9:43:48 AM

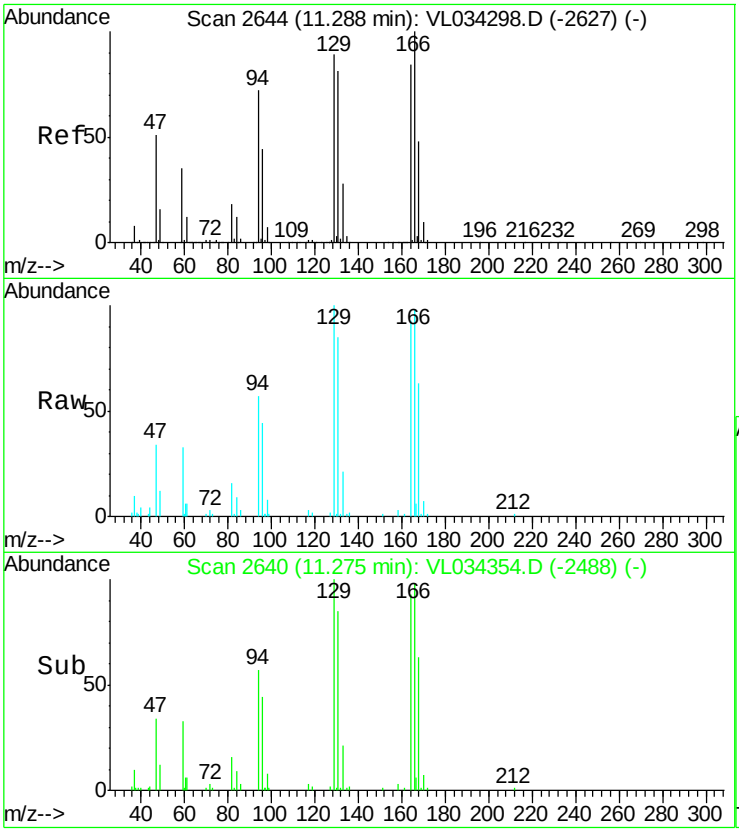


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1374
Delta R.T. -0.01 min
Lab File: VL034354.D
Acq: 24 Oct 2019 20:09

Tgt Ion:114 Resp: 2069519

Ion	Ratio	Lower	Upper
114	100		
63	27.8	25.2	37.8
88	19.7	16.0	24.0

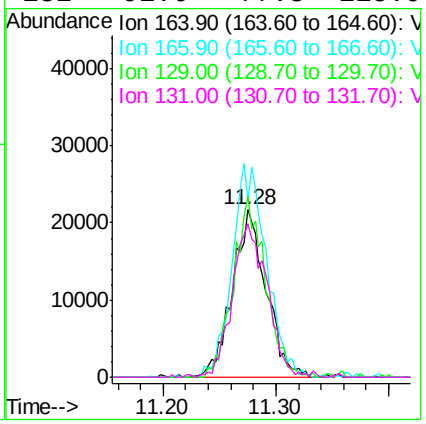




#52
Tetrachloroethene
Concen: 0.581 ppbv m
RT: 11.28 min Scan# 2640
Delta R.T. -0.01 min
Lab File: VL034354.D
Acq: 24 Oct 2019 20:09

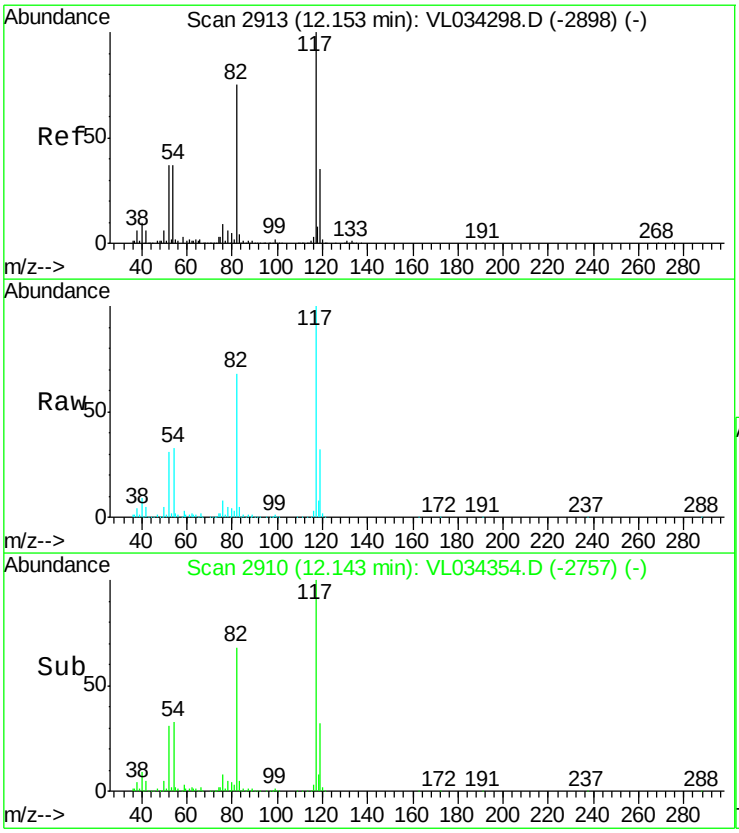
Tgt Ion:164 Resp: 45229

Ion	Ratio	Lower	Upper
164	100		
166	105.2	95.3	142.9
129	107.9	84.5	126.7
131	91.6	77.3	115.9



Instrument :
MSVOA_L
ClientSampleId :
VIBLK

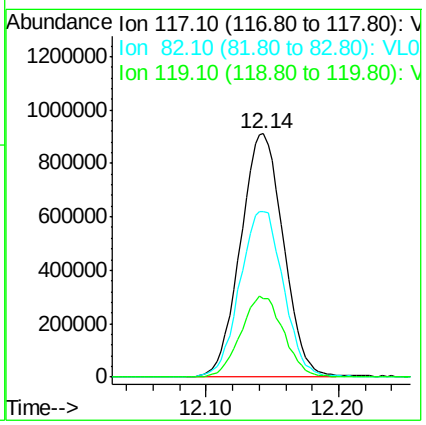
Manual Integrations APPROVED
MMDadoda
10/28/2019 9:43:48 AM

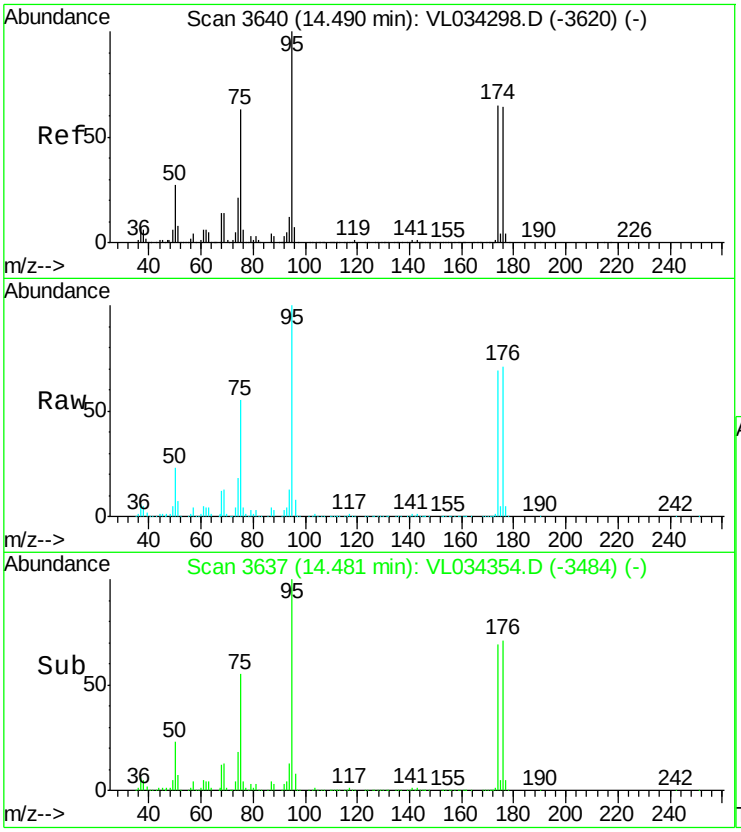


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.14 min Scan# 2910
Delta R.T. -0.01 min
Lab File: VL034354.D
Acq: 24 Oct 2019 20:09

Tgt Ion:117 Resp: 2046262

Ion	Ratio	Lower	Upper
117	100		
82	69.4	55.5	83.3
119	33.1	26.5	39.7

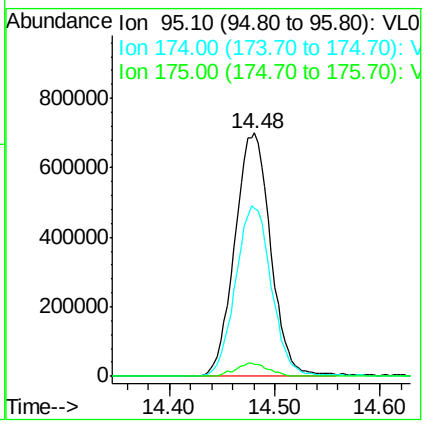




#68
1-Bromo-4-Fluorobenzene
Concen: 9.566 ppbv
RT: 14.48 min Scan# 3637
Delta R.T. -0.01 min
Lab File: VL034354.D
Acq: 24 Oct 2019 20:09

Tgt Ion: 95 Resp: 1657838

Ion	Ratio	Lower	Upper
95	100		
174	70.0	52.6	78.8
175	5.1	3.8	5.6



Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Manual Integrations APPROVED
MMDadoda
10/28/2019 9:43:48 AM