Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080918\
Data File : VU026027.D
Acq On : 10 Aug 2018 04:08
Operator : MD/SY
Sample : J4401-13 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A4ZF3

Manual Integrations APPROVED
MMDadoda
8/10/2018 4:08:58 PM

Quant Time: Aug 10 08:28:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 10 07:39:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	290873	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	268384	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	117000	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	74635	35.10	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 70.20%			
7) Chloroethane-d5	1.68	69	65827	39.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 78.10%			
11) 1,1-Dichloroethene-d2	2.27	63	112842	27.93	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 55.86%#			
21) 2-Butanone-d5	4.18	46	151833	85.68	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 85.68%			
24) Chloroform-d	4.65	84	184403	40.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.80%			
26) 1,2-Dichloroethane-d4	5.31	65	132361	43.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.92%			
32) Benzene-d6	5.35	84	357179	42.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.72%			
36) 1,2-Dichloropropane-d6	6.33	67	120159	44.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 89.12%			
41) Toluene-d8	7.57	98	320467	40.19	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 80.38%			
43) trans-1,3-Dichloropropene-	7.85	79	53861	39.64	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.28%			
47) 2-Hexanone-d5	8.31	63	104476	85.30	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 85.30%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	168149	42.64	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 85.28%			
64) 1,2-Dichlorobenzene-d4	11.86	152	129907	45.04	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.08%			
Target Compounds						Qvalue
13) Acetone	2.32	43	7821	7.10	ug/L	93
51) Chlorobenzene	9.12	112	24623	4.50	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	13630	3.57	ug/L	96
65) 1,2-Dichlorobenzene	11.88	146	13410	3.46	ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	17802m	7.73	ug/L	
70) 1,2,3-Trichlorobenzene	13.99	180	4948	2.00	ug/L	97

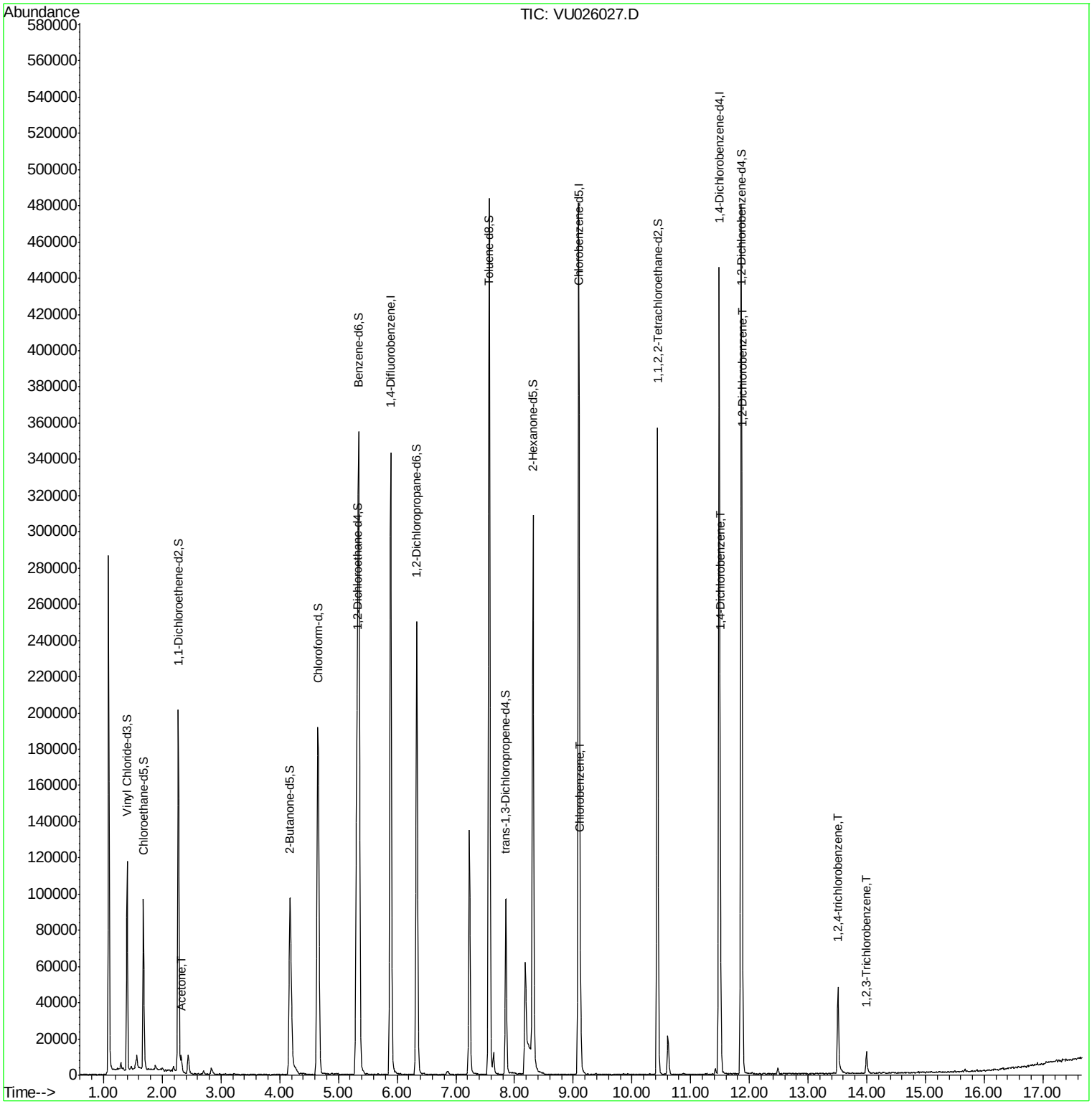
(#) = qualifier out of range (m) = manual integration (+) = signals summed

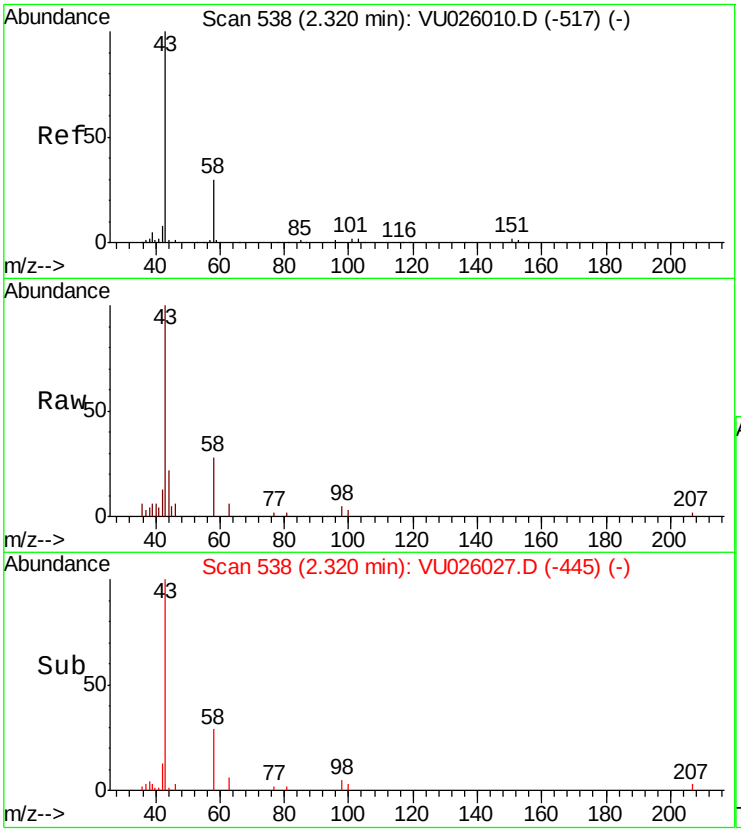
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080918\
Data File : VU026027.D
Acq On : 10 Aug 2018 04:08
Operator : MD/SY
Sample : J4401-13 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 52 Sample Multiplier: 1

Quant Time: Aug 10 08:28:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 10 07:39:13 2018
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
A4ZF3

Manual Integrations APPROVED
MMDadoda
8/10/2018 4:08:58 PM

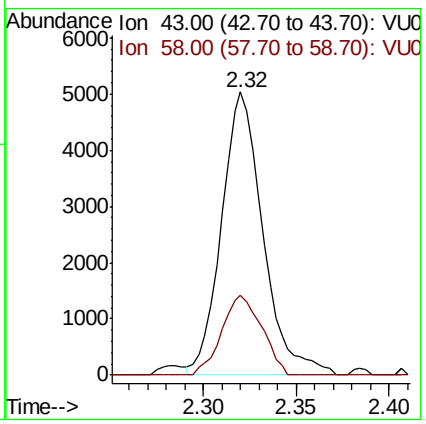




#13
Acetone
Concen: 7.10 ug/L
RT: 2.32 min Scan# 538
Delta R.T. 0.00 min
Lab File: VU026027.D
Acq: 10 Aug 2018 04:08

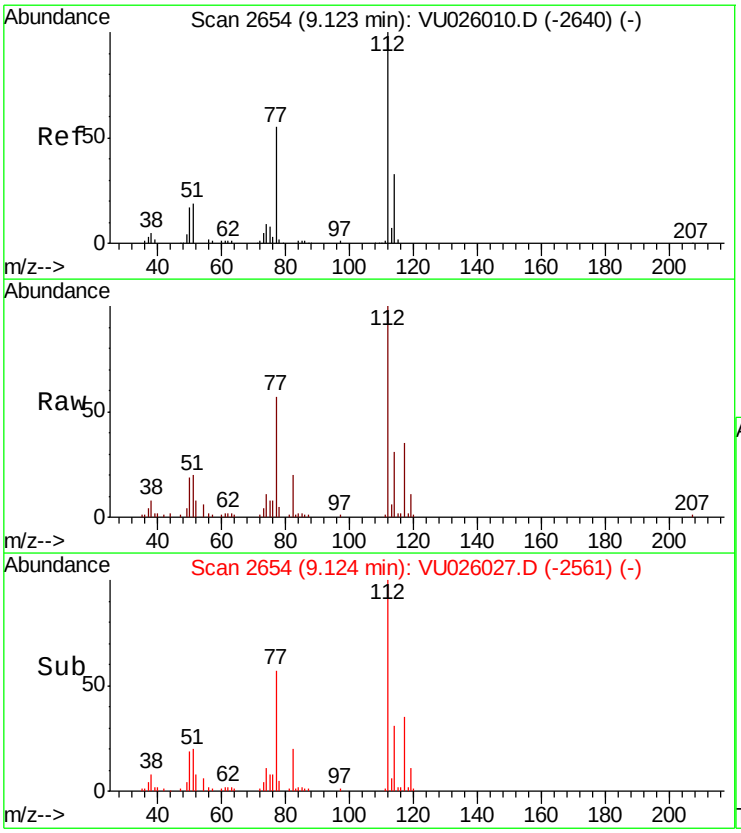
Tgt Ion: 43 Resp: 7821

Ion	Ratio	Lower	Upper
43	100		
58	27.2	0.0	61.8



Instrument :
MSVOA_U
ClientSampleId :
A4ZF3

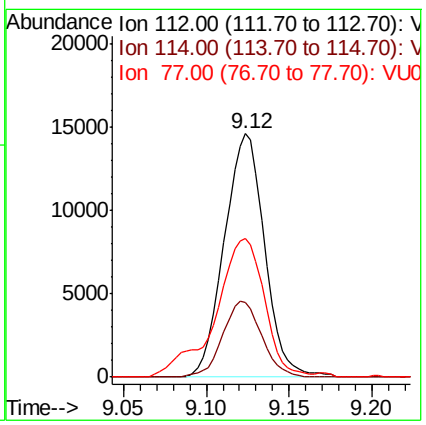
Manual Integrations APPROVED
MMDadoda
8/10/2018 4:08:58 PM

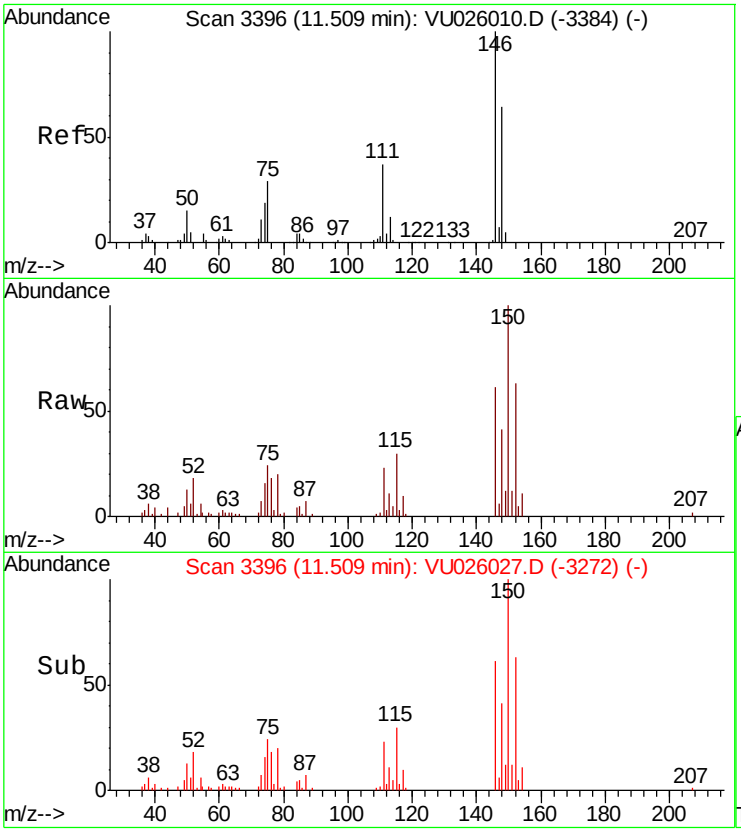


#51
Chlorobenzene
Concen: 4.50 ug/L
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU026027.D
Acq: 10 Aug 2018 04:08

Tgt Ion:112 Resp: 24623

Ion	Ratio	Lower	Upper
112	100		
114	30.6	22.7	42.3
77	56.8	45.2	67.8

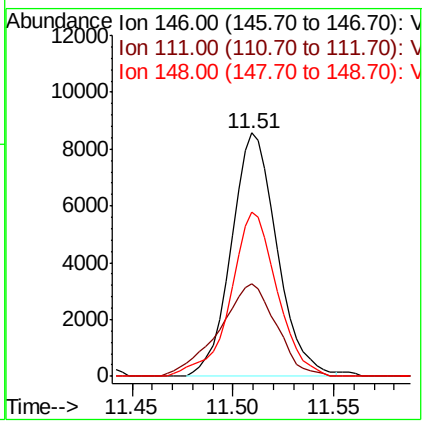




#63
1,4-Dichlorobenzene
Concen: 3.57 ug/L
RT: 11.51 min Scan# 3396
Delta R.T. 0.00 min
Lab File: VU026027.D
Acq: 10 Aug 2018 04:08

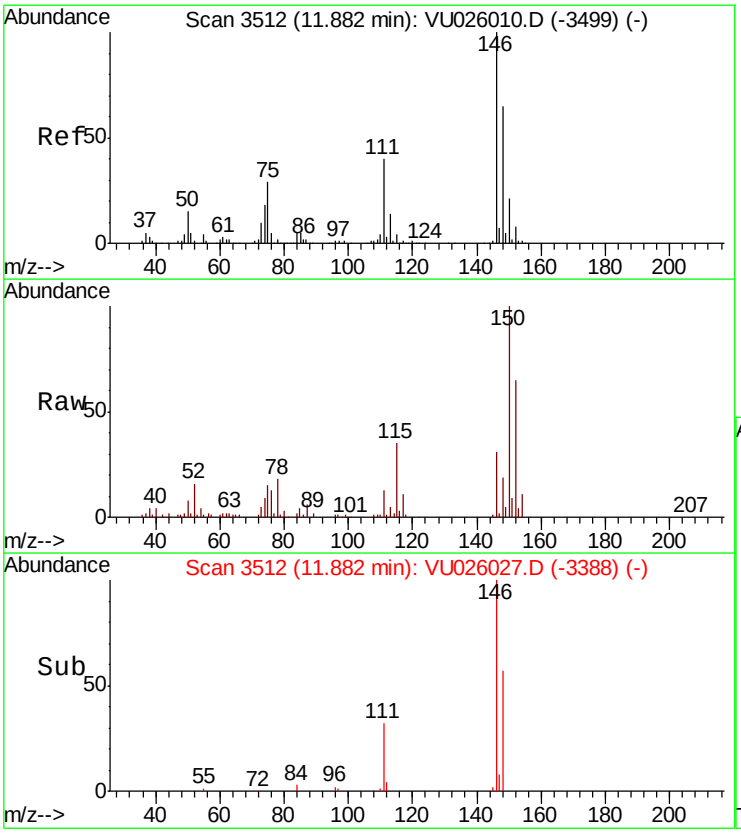
Tgt Ion:146 Resp: 13630

Ion	Ratio	Lower	Upper
146	100		
111	38.2	26.4	49.0
148	67.4	43.8	81.4



Instrument :
MSVOA_U
ClientSampleId :
A4ZF3

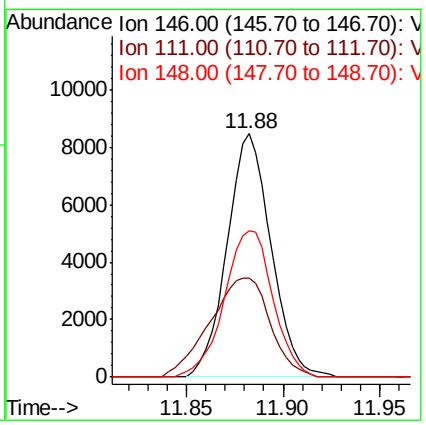
Manual Integrations APPROVED
MMDadoda
8/10/2018 4:08:58 PM

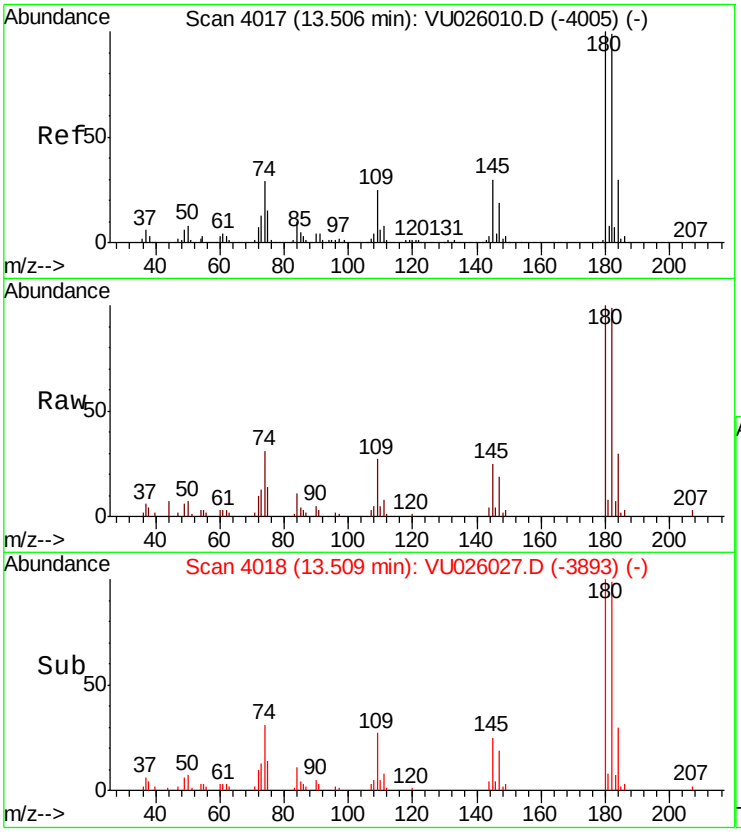


#65
1,2-Dichlorobenzene
Concen: 3.46 ug/L
RT: 11.88 min Scan# 3512
Delta R.T. 0.00 min
Lab File: VU026027.D
Acq: 10 Aug 2018 04:08

Tgt Ion:146 Resp: 13410

Ion	Ratio	Lower	Upper
146	100		
111	40.9	32.4	48.6
148	60.4	50.1	75.1





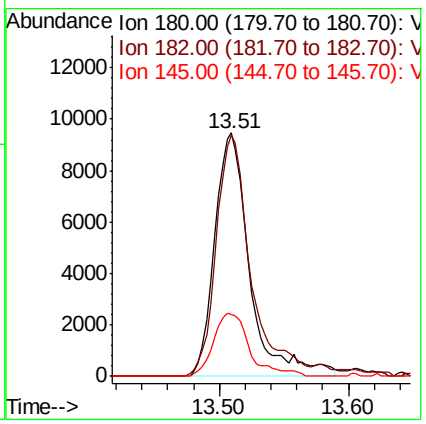
#68
1,2,4-trichlorobenzene
Concen: 7.73 ug/L m
RT: 13.51 min Scan# 4018
Delta R.T. 0.00 min
Lab File: VU026027.D
Acq: 10 Aug 2018 04:08

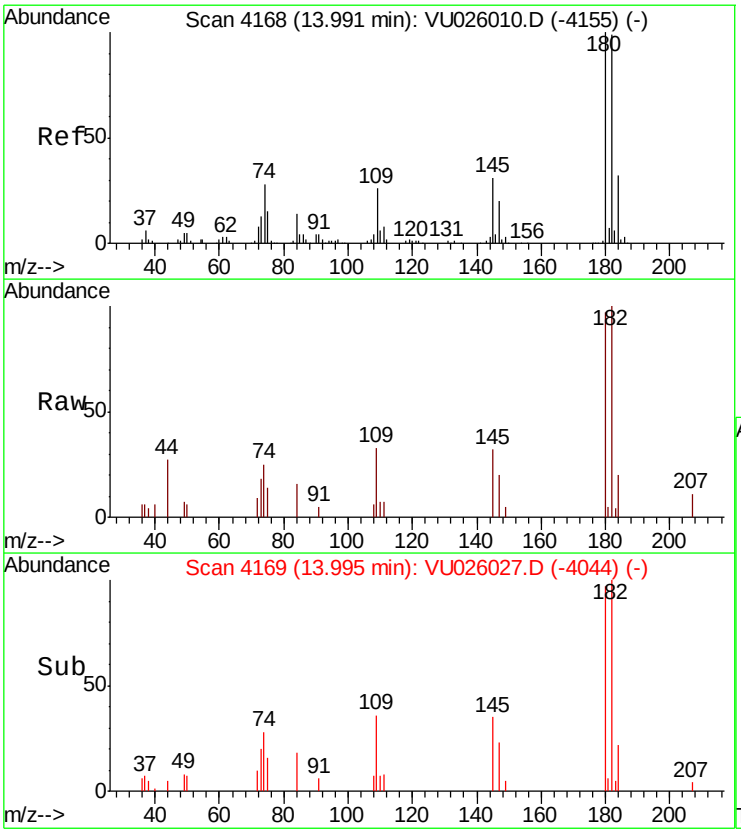
Tgt Ion:180 Resp: 17802

Ion	Ratio	Lower	Upper
180	100		
182	91.7	76.5	114.7
145	23.9	24.2	36.4#

Instrument :
MSVOA_U
ClientSampleId :
A4ZF3

Manual Integrations APPROVED
MMDadoda
8/10/2018 4:08:58 PM





#70
1,2,3-Trichlorobenzene
Concen: 2.00 ug/L
RT: 13.99 min Scan# 4169
Delta R.T. 0.00 min
Lab File: VU026027.D
Acq: 10 Aug 2018 04:08

Tgt Ion:180 Resp: 4948

Ion	Ratio	Lower	Upper
180	100		
182	91.3	76.5	114.7
145	30.6	24.7	37.1