Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032519\
Data File : VU030408.D
Acq On : 25 Mar 2019 17:32
Operator : JC/SP
Sample : K2062-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1A2

Manual Integrations APPROVED
MMDadoda
3/26/2019 1:36:55 PM

Quant Time: Mar 26 02:01:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 01:25:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	461616	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	425571	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	166927	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	163748	44.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 88.16%			
7) Chloroethane-d5	1.67	69	138740	47.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 94.24%			
11) 1,1-Dichloroethene-d2	2.27	63	237707m	33.73	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.46%			
21) 2-Butanone-d5	4.17	46	329305	94.29	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 94.29%			
24) Chloroform-d	4.64	84	297052	46.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.82%			
26) 1,2-Dichloroethane-d4	5.31	65	202196	48.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.54%			
32) Benzene-d6	5.34	84	607855	49.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.62%			
36) 1,2-Dichloropropane-d6	6.33	67	219177	52.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.98%			
41) Toluene-d8	7.56	98	533489	48.67	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.34%			
43) trans-1,3-Dichloropropene-	7.85	79	76785	39.11	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.22%			
47) 2-Hexanone-d5	8.31	63	219284	96.91	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.91%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	291213	48.74	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.48%			
64) 1,2-Dichlorobenzene-d4	11.86	152	167953	50.21	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.42%			
Target Compounds						Qvalue
13) Acetone	2.32	43	76252	21.590	ug/L	100
20) cis-1,2-Dichloroethene	4.22	96	41449	10.666	ug/L	96
22) 2-Butanone	4.28	43	17429	4.083	ug/L	99
34) Trichloroethene	6.18	95	2338313	656.587	ug/L	99
51) Chlorobenzene	9.12	112	10293	1.130	ug/L	89
63) 1,4-Dichlorobenzene	11.50	146	8607	1.532	ug/L	91
65) 1,2-Dichlorobenzene	11.88	146	7941	1.439	ug/L	94

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

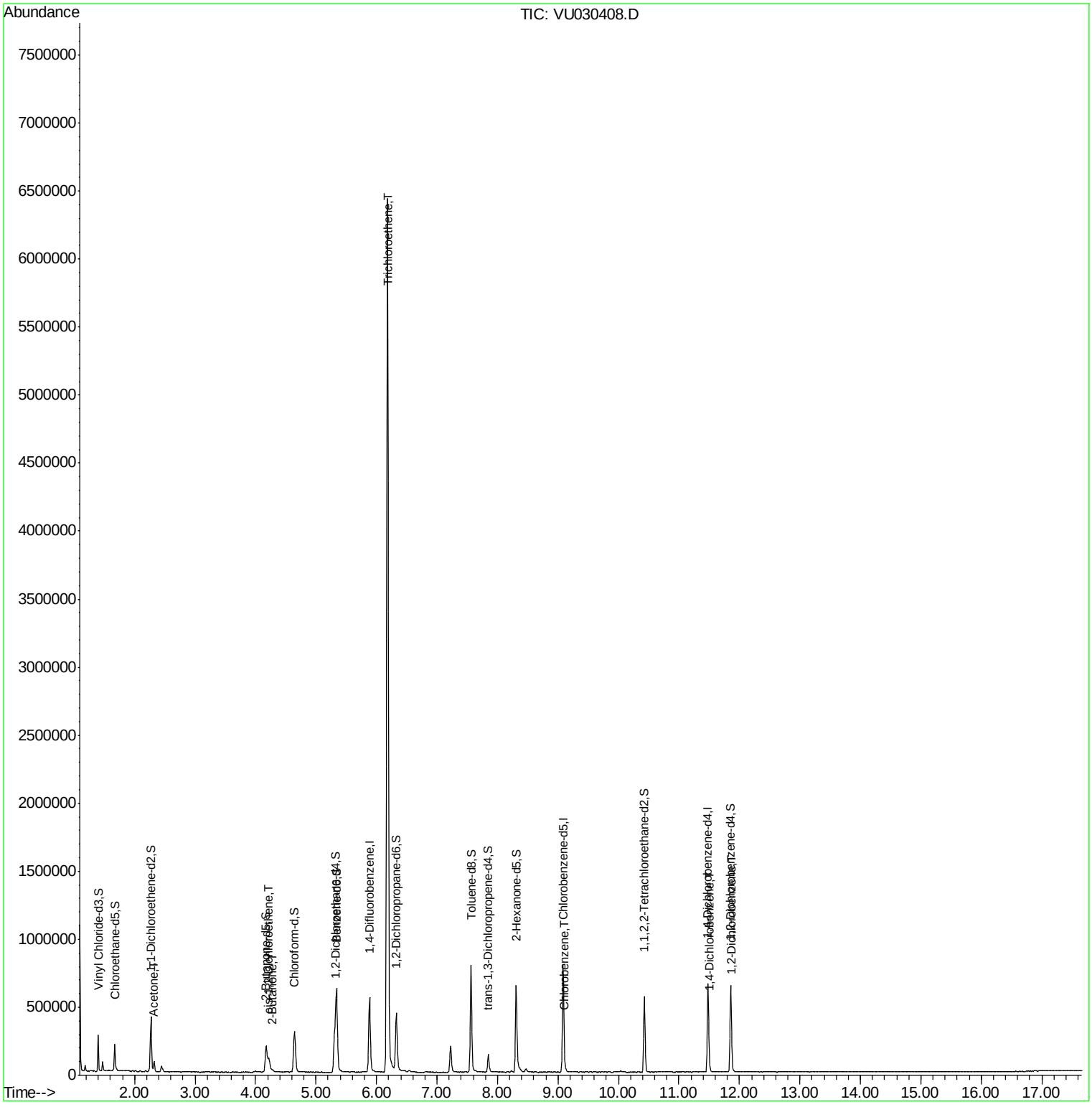
Quantitation Report (QT/LSC Reviewed)

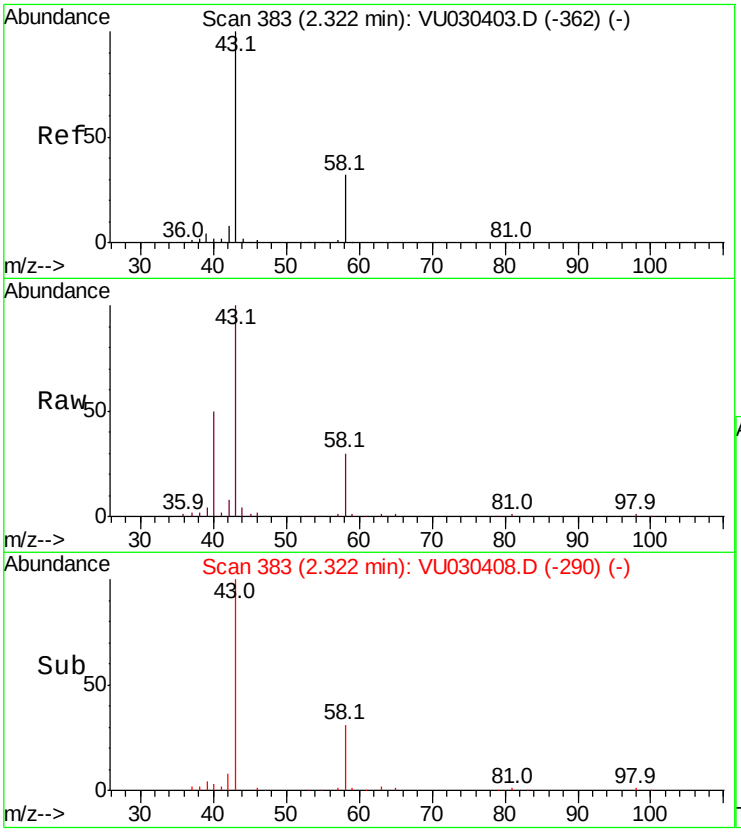
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032519\
Data File : VU030408.D
Acq On : 25 Mar 2019 17:32
Operator : JC/SP
Sample : K2062-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 26 02:01:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 01:25:56 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BF1A2

Manual Integrations APPROVED
MMDadoda
3/26/2019 1:36:55 PM

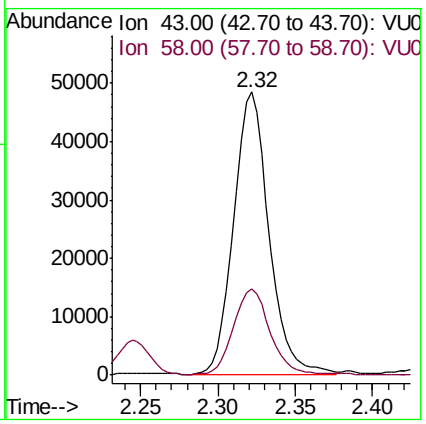




#13
Acetone
Concen: 21.590 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU030408.D
Acq: 25 Mar 2019 17:32

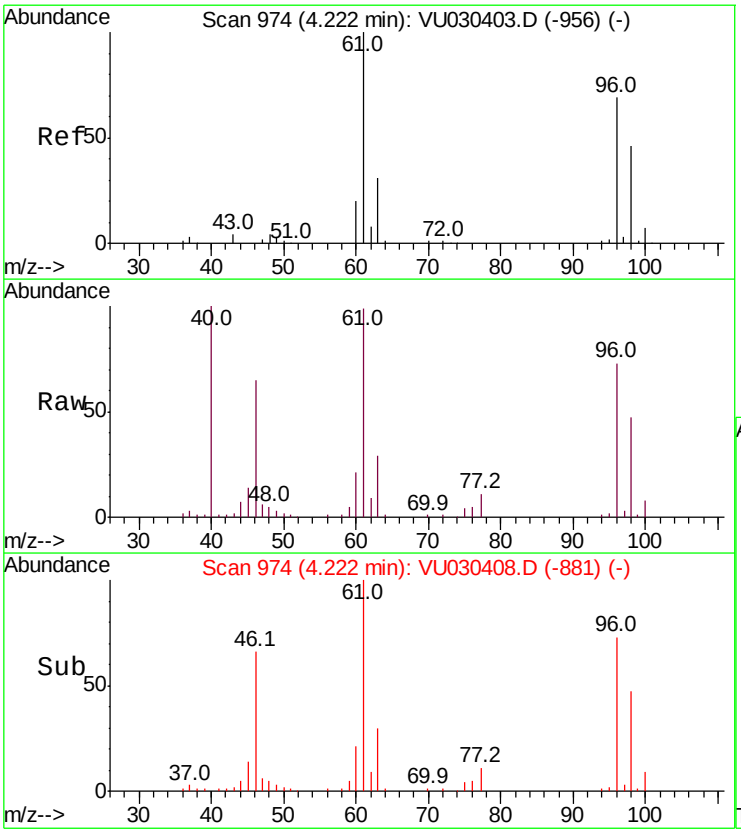
Tgt Ion: 43 Resp: 76252

Ion	Ratio	Lower	Upper
43	100		
58	31.2	0.0	62.8



Instrument :
MSVOA_U
ClientSampleId :
BF1A2

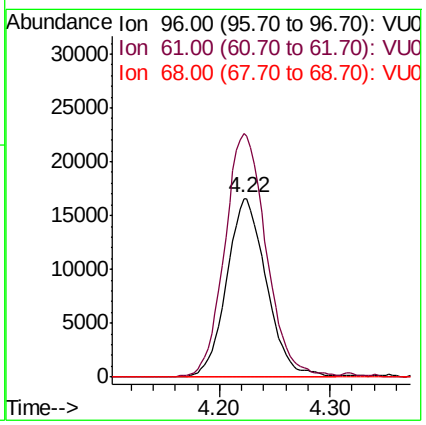
Manual Integrations APPROVED
MMDadoda
3/26/2019 1:36:55 PM

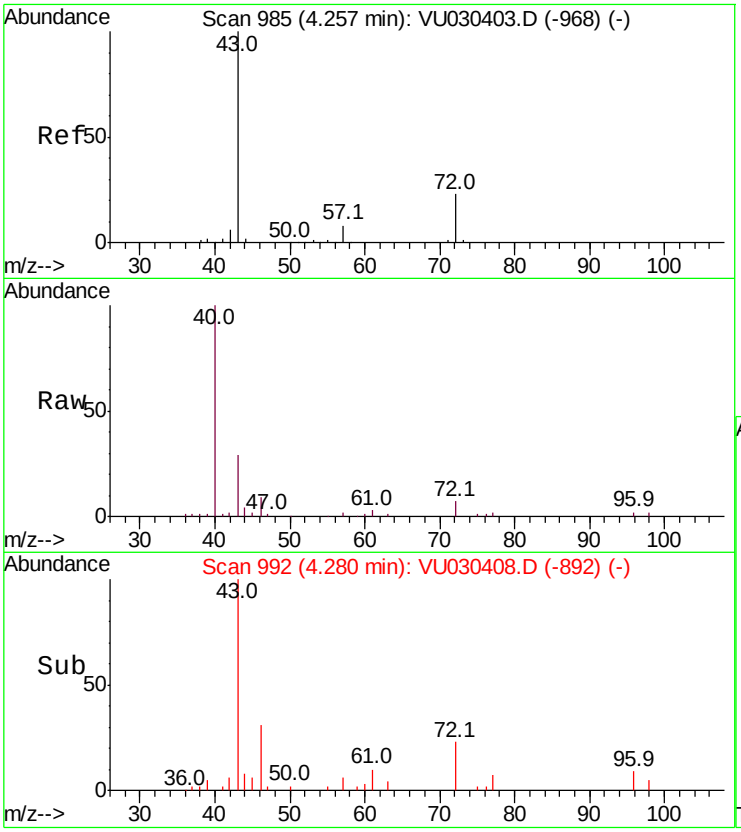


#20
cis-1,2-Dichloroethene
Concen: 10.666 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU030408.D
Acq: 25 Mar 2019 17:32

Tgt Ion: 96 Resp: 41449

Ion	Ratio	Lower	Upper
96	100		
61	136.1	98.4	182.8
68	0.0	0.0	0.0

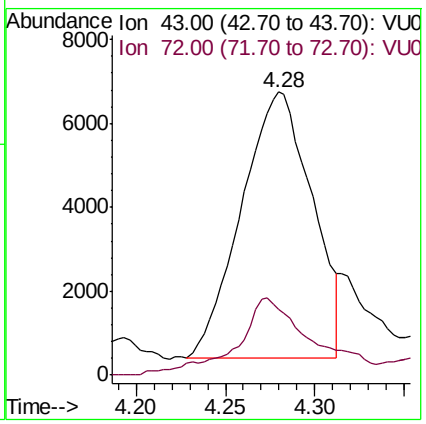




#22
2-Butanone
Concen: 4.083 ug/L
RT: 4.28 min Scan# 992
Delta R.T. 0.02 min
Lab File: VU030408.D
Acq: 25 Mar 2019 17:32

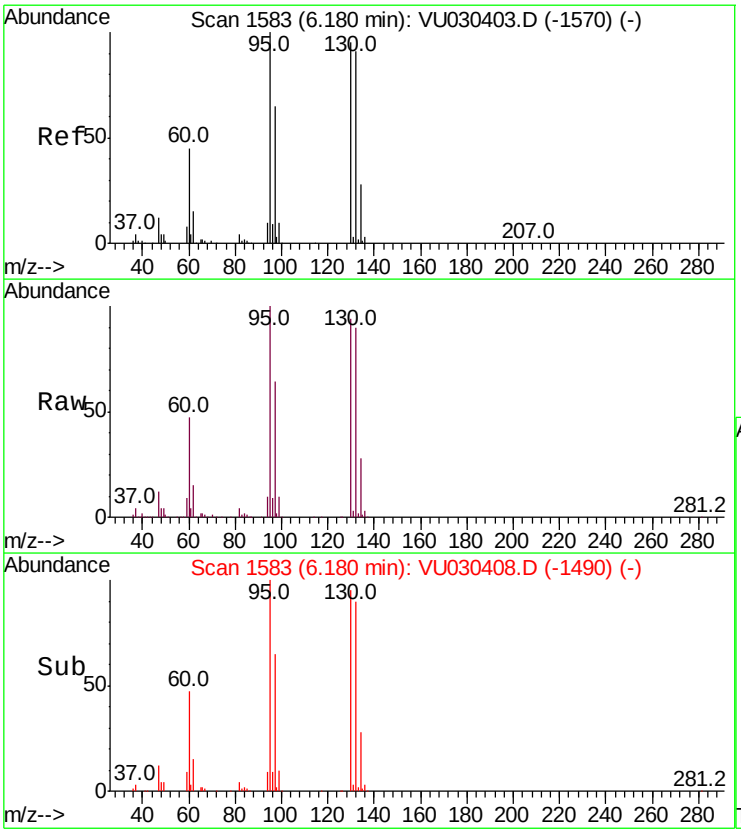
Tgt Ion: 43 Resp: 17429

Ion	Ratio	Lower	Upper
43	100		
72	23.4	12.0	36.1



Instrument :
MSVOA_U
ClientSampleId :
BF1A2

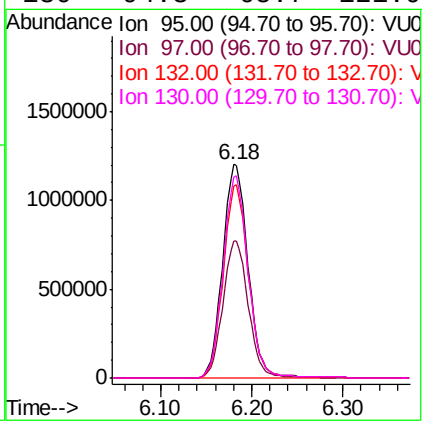
Manual Integrations APPROVED
MMDadoda
3/26/2019 1:36:55 PM

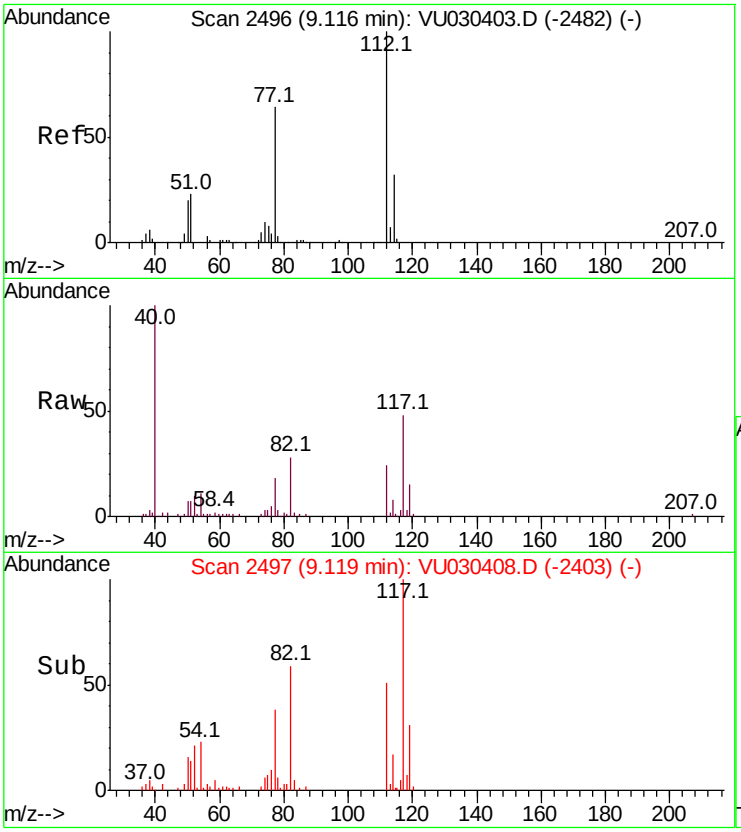


#34
Trichloroethene
Concen: 656.587 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VU030408.D
Acq: 25 Mar 2019 17:32

Tgt Ion: 95 Resp: 2338313

Ion	Ratio	Lower	Upper
95	100		
97	64.4	45.7	84.9
132	89.7	63.8	118.4
130	94.3	65.7	121.9

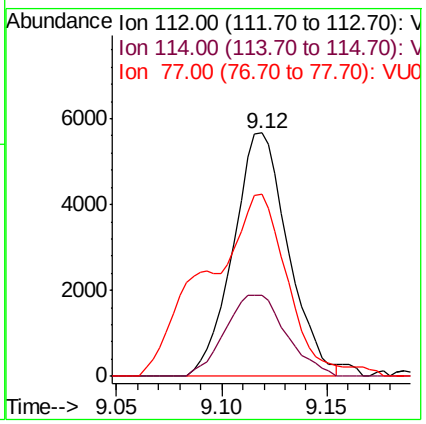




#51
Chlorobenzene
Concen: 1.130 ug/L
RT: 9.12 min Scan# 2497
Delta R.T. 0.00 min
Lab File: VU030408.D
Acq: 25 Mar 2019 17:32

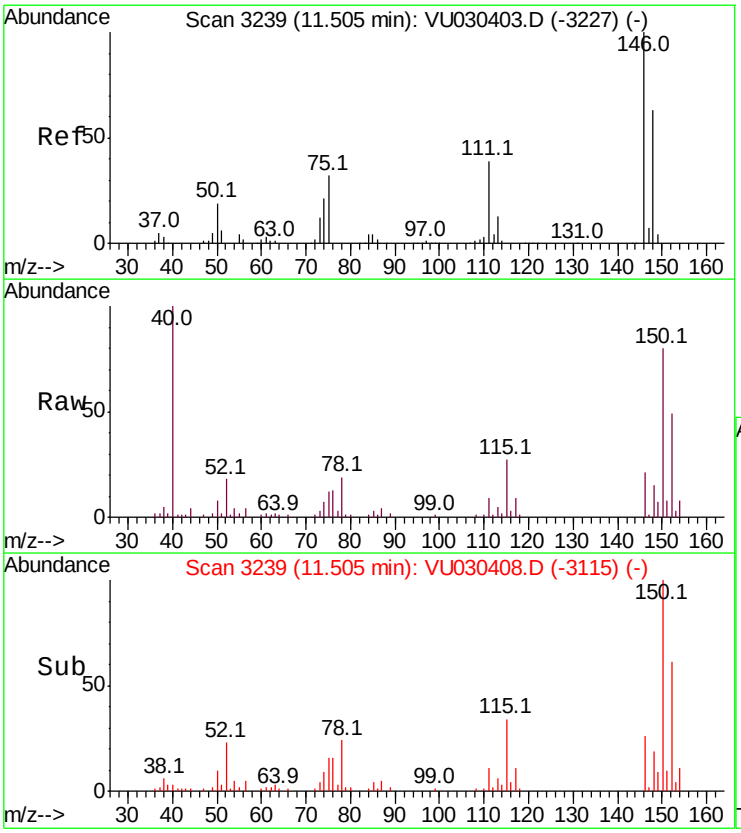
Tgt Ion:112 Resp: 10293

Ion	Ratio	Lower	Upper
112	100		
114	33.2	21.5	39.9
77	75.0	51.4	77.0



Instrument :
MSVOA_U
ClientSampleId :
BF1A2

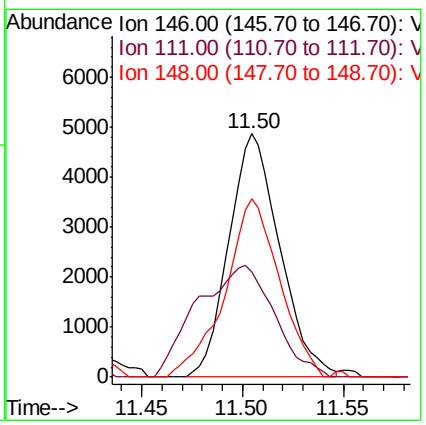
Manual Integrations APPROVED
MMDadoda
3/26/2019 1:36:55 PM

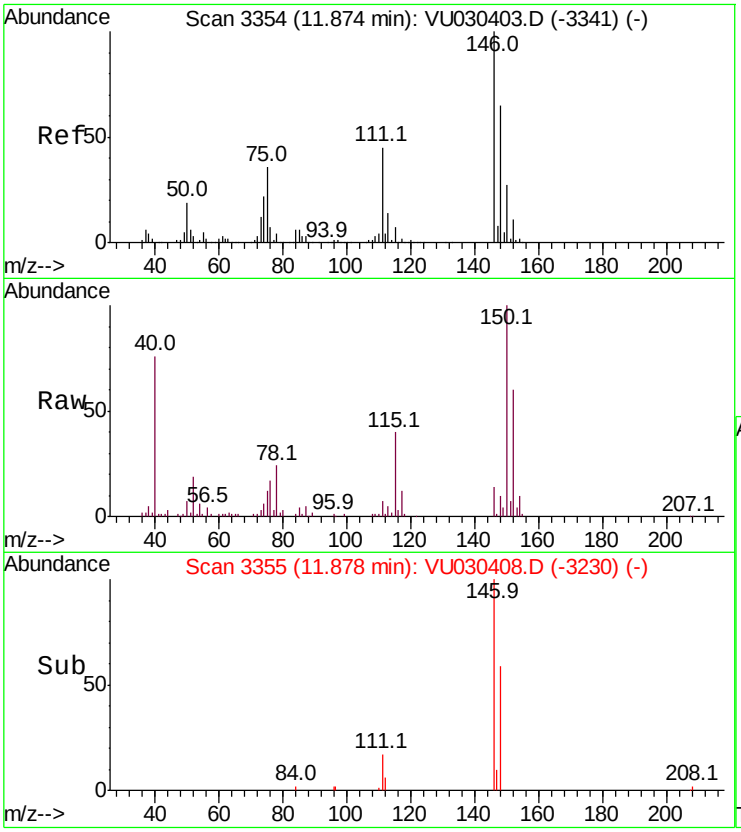


#63
1,4-Dichlorobenzene
Concen: 1.532 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. 0.00 min
Lab File: VU030408.D
Acq: 25 Mar 2019 17:32

Tgt Ion:146 Resp: 8607

Ion	Ratio	Lower	Upper
146	100		
111	43.3	28.7	53.3
148	73.4	44.3	82.3

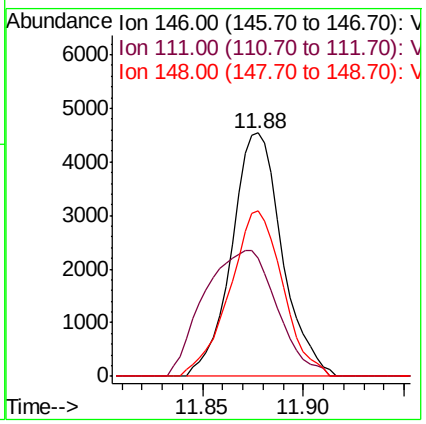




#65
1,2-Dichlorobenzene
Concen: 1.439 ug/L
RT: 11.88 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VU030408.D
Acq: 25 Mar 2019 17:32

Tgt Ion:146 Resp: 7941

Ion	Ratio	Lower	Upper
146	100		
111	48.8	34.9	52.3
148	67.8	51.2	76.8



Instrument :
MSVOA_U
ClientSampleId :
BF1A2

Manual Integrations APPROVED
MMDadoda
3/26/2019 1:36:55 PM