Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032619\
Data File : VU030435.D
Acq On : 26 Mar 2019 11:37
Operator : JC/SP
Sample : K2070-15DL 400X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09E1DL

Manual Integrations APPROVED
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3/27/2019 9:55:24 AM

Quant Time: Mar 27 17:50:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 04:29:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	448087	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	438738	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	180206	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	198873	55.15	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 110.30%			
7) Chloroethane-d5	1.68	69	156990	54.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 109.84%			
11) 1,1-Dichloroethene-d2	2.27	63	274370	40.11	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.22%			
21) 2-Butanone-d5	4.17	46	343633	101.37	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.37%			
24) Chloroform-d	4.64	84	319635	51.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.88%			
26) 1,2-Dichloroethane-d4	5.31	65	215689	53.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.10%			
32) Benzene-d6	5.34	84	661289	52.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.12%			
36) 1,2-Dichloropropane-d6	6.33	67	231169	53.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 107.40%			
41) Toluene-d8	7.56	98	568183	50.28	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.56%			
43) trans-1,3-Dichloropropene-	7.85	79	98093	48.46	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.92%			
47) 2-Hexanone-d5	8.31	63	213627	91.58	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 91.58%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	299804	48.67	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.34%			
64) 1,2-Dichlorobenzene-d4	11.86	152	190616	52.79	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.58%			
Target Compounds						Qvalue
33) Benzene	5.39	78	26981	1.807	ug/L	100
51) Chlorobenzene	9.12	112	470969	50.135	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	23934	4.061	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	105071	17.319	ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	137382	23.055	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	46103m	12.027	ug/L	
70) 1,2,3-Trichlorobenzene	13.99	180	11626	2.872	ug/L	91

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

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Instrument :
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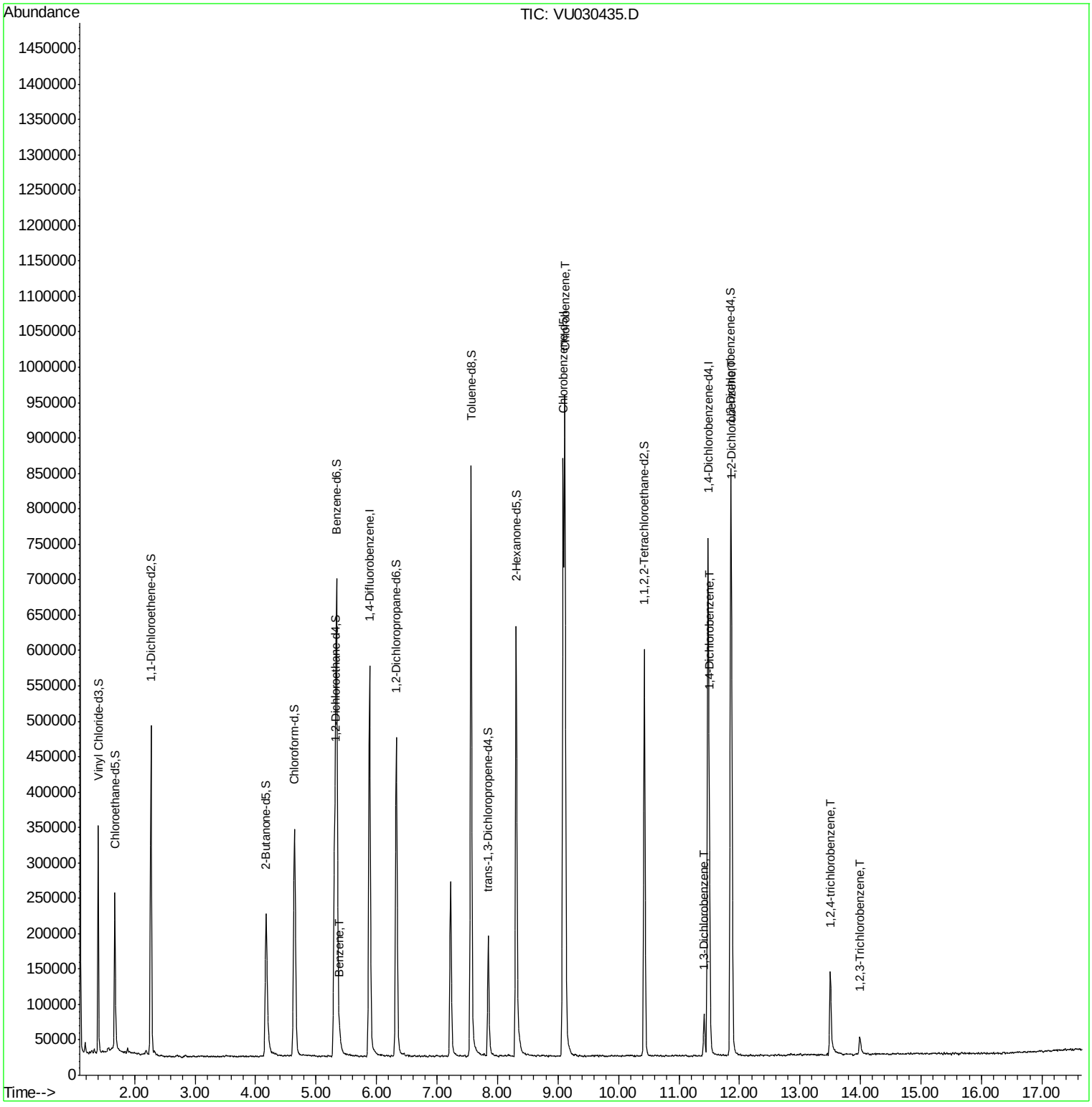

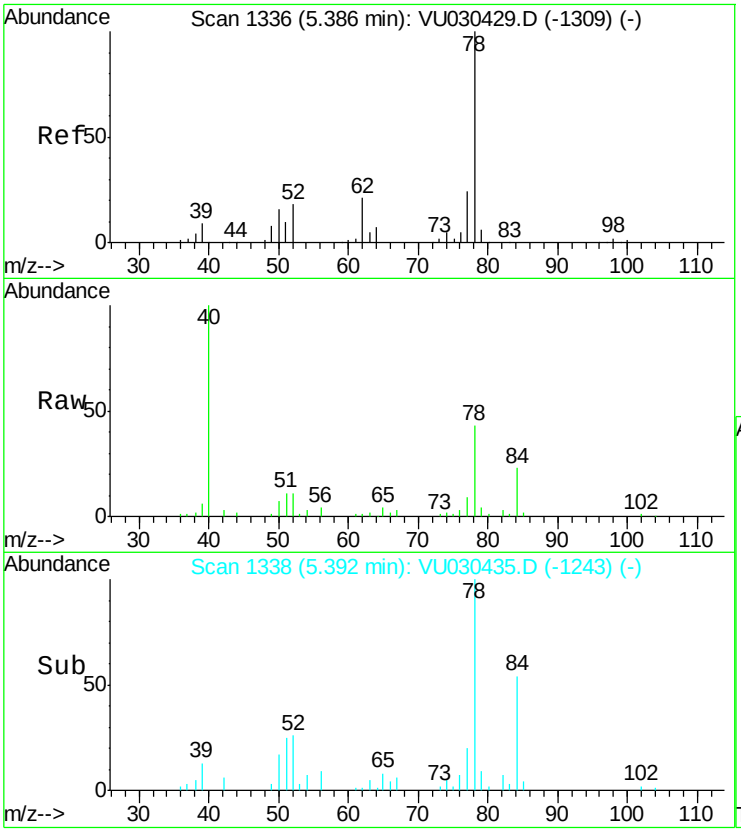

#33
Benzene
Concen: 1.807 ug/L
RT: 5.39 min Scan# 1338
Delta R.T. 0.01 min
Lab File: VU030435.D
Acq: 26 Mar 2019 11:37

Tgt Ion: 78 Resp: 26981

Instrument :
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ClientSampleId :
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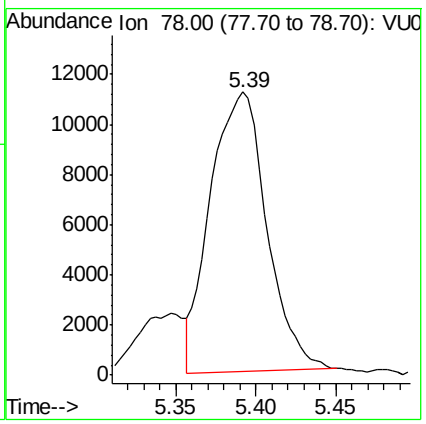
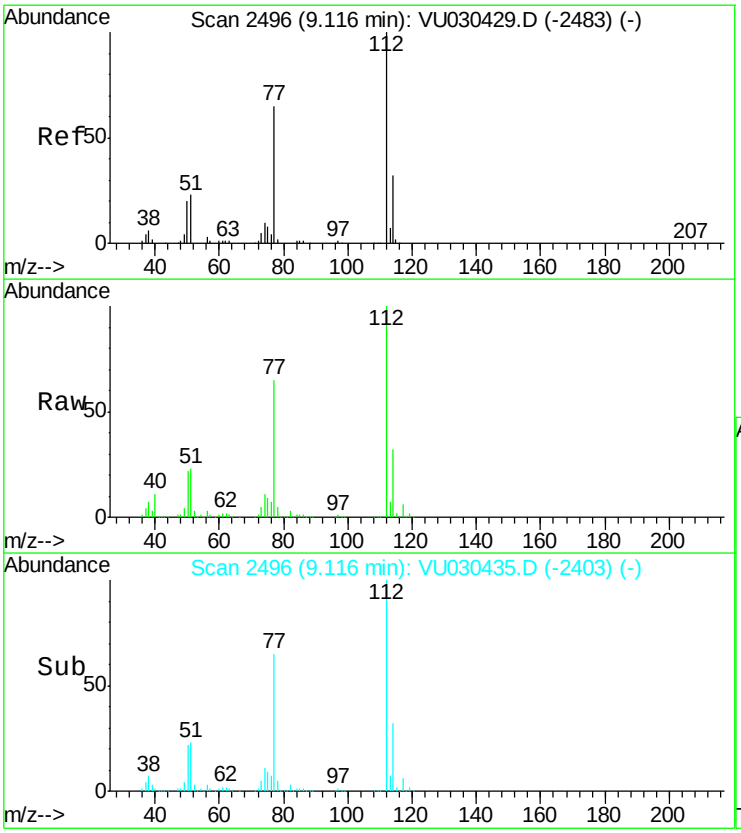
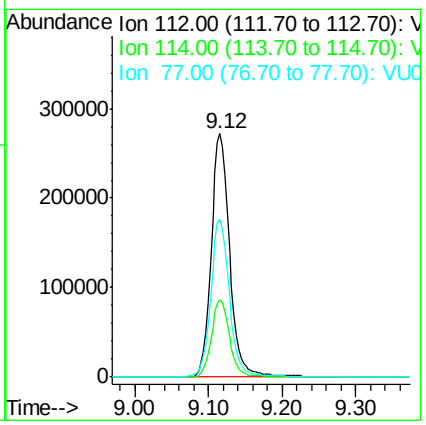


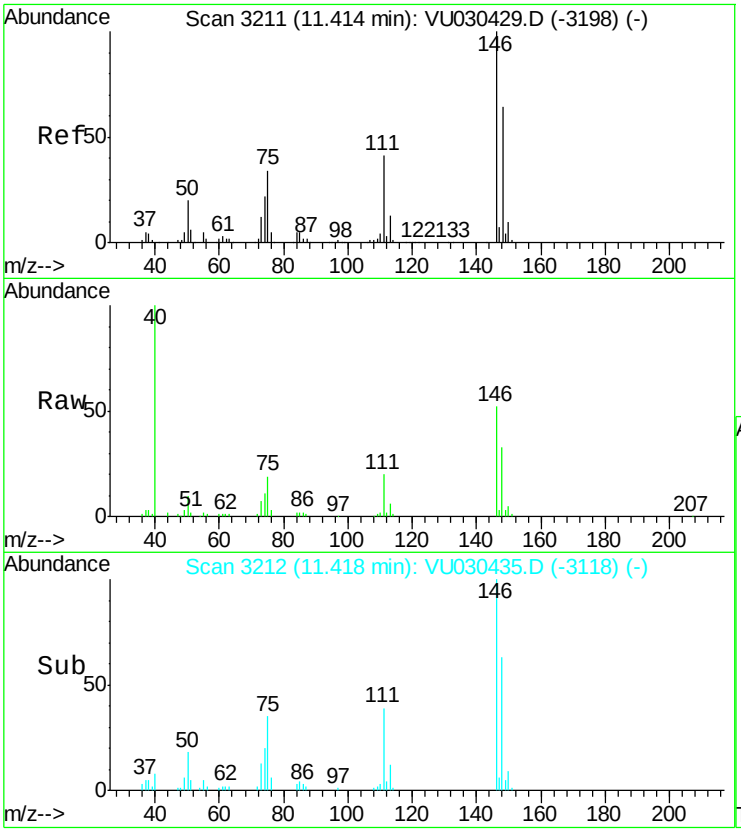


#51
Chlorobenzene
Concen: 50.135 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU030435.D
Acq: 26 Mar 2019 11:37

Tgt Ion:112 Resp: 470969

Ion	Ratio	Lower	Upper
112	100		
114	31.9	21.5	39.9
77	64.9	51.4	77.0

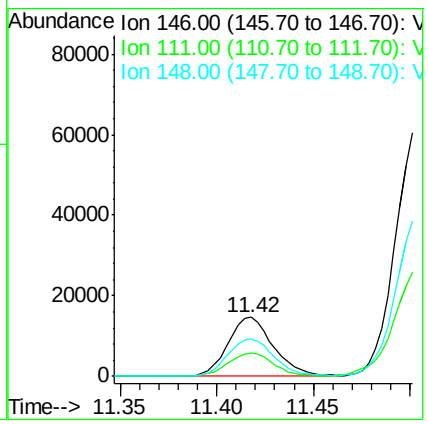




#62
1,3-Dichlorobenzene
Concen: 4.061 ug/L
RT: 11.42 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VU030435.D
Acq: 26 Mar 2019 11:37

Tgt Ion:146 Resp: 23934

Ion	Ratio	Lower	Upper
146	100		
111	39.0	29.2	54.2
148	63.0	44.4	82.4



Instrument :
MSVOA_U
ClientSampleId :
C09E1DL

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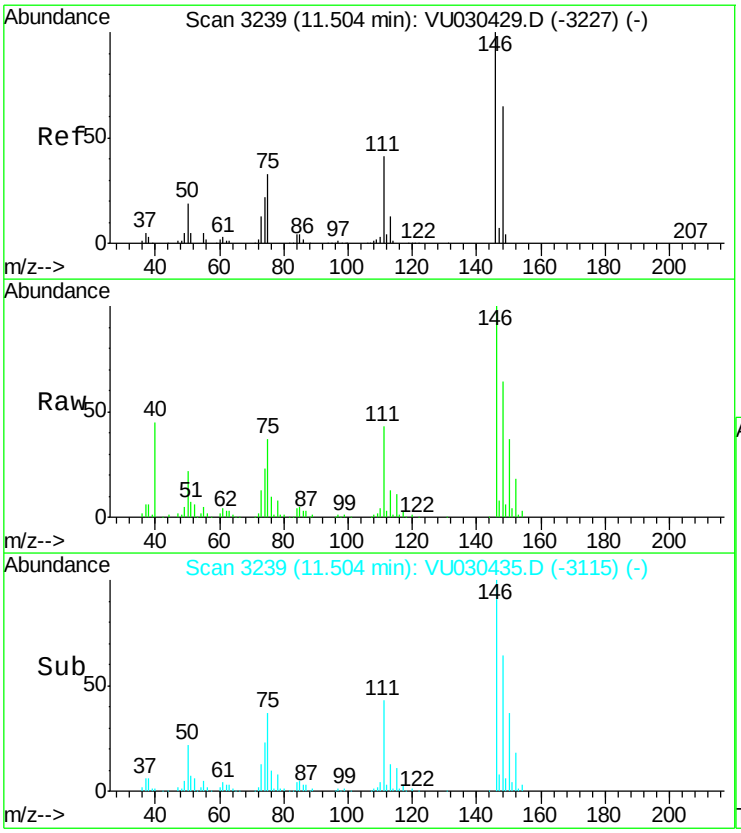
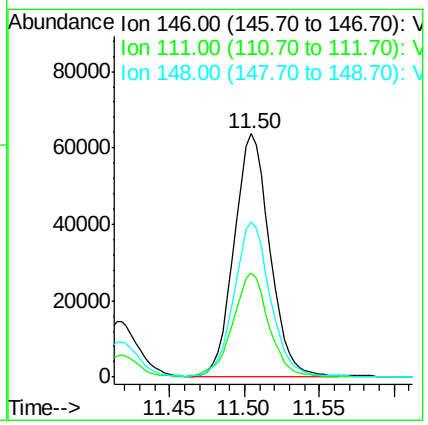
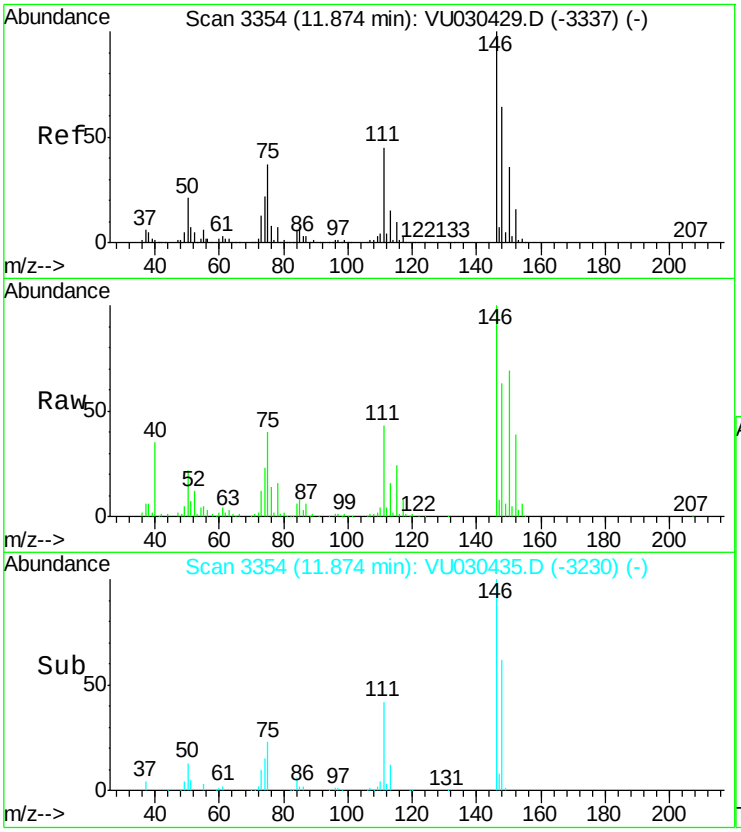


#63
1,4-Dichlorobenzene
Concen: 17.319 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. 0.00 min
Lab File: VU030435.D
Acq: 26 Mar 2019 11:37

Tgt Ion:146 Resp: 105071

Ion	Ratio	Lower	Upper
146	100		
111	42.8	28.7	53.3
148	64.0	44.3	82.3

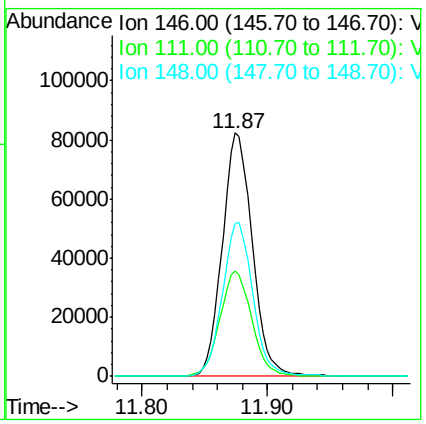




#65
1,2-Dichlorobenzene
Concen: 23.055 ug/L
RT: 11.87 min Scan# 3354
Delta R.T. 0.00 min
Lab File: VU030435.D
Acq: 26 Mar 2019 11:37

Tgt Ion:146 Resp: 137382

Ion	Ratio	Lower	Upper
146	100		
111	43.3	34.9	52.3
148	62.9	51.2	76.8



Instrument :
MSVOA_U
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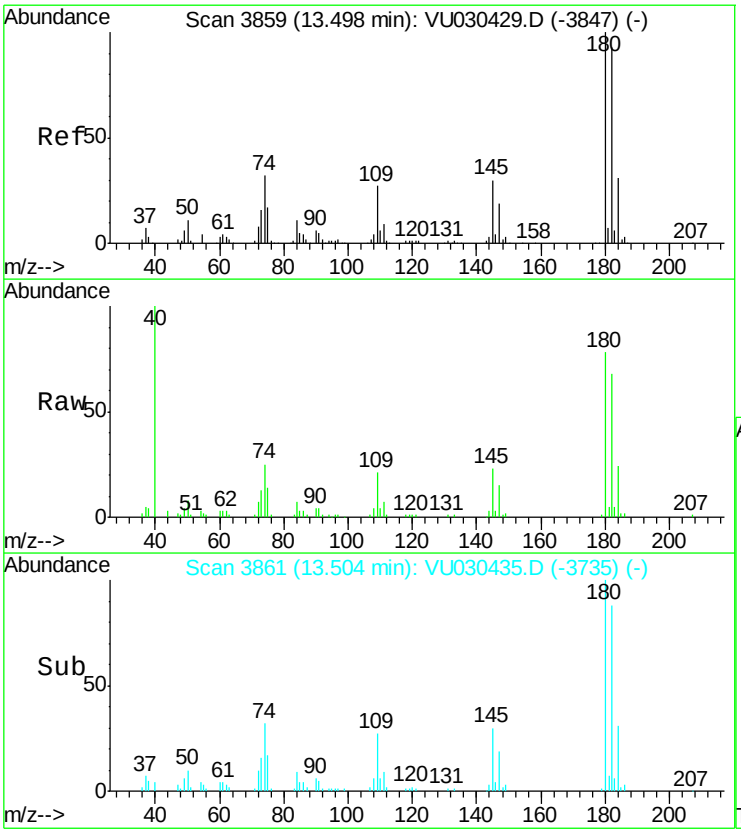
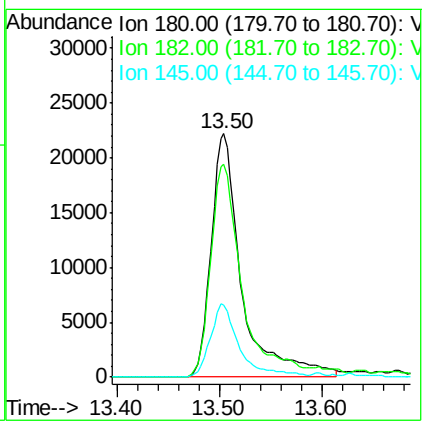
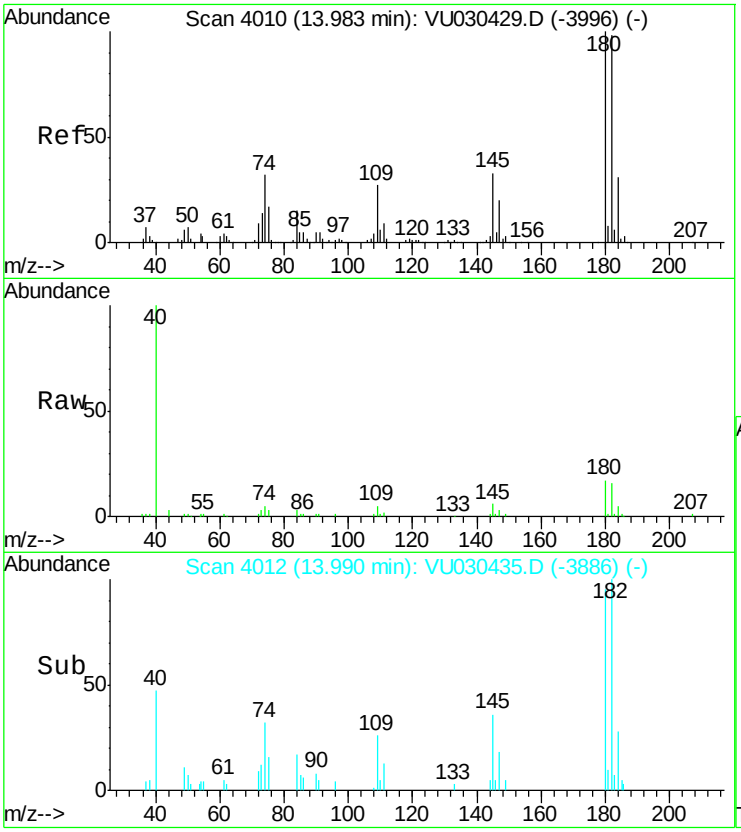


#68
1,2,4-trichlorobenzene
Concen: 12.027 ug/L m
RT: 13.50 min Scan# 3861
Delta R.T. 0.01 min
Lab File: VU030435.D
Acq: 26 Mar 2019 11:37

Tgt Ion:180 Resp: 46103

Ion	Ratio	Lower	Upper
180	100		
182	82.7	76.1	114.1
145	28.6	24.5	36.7

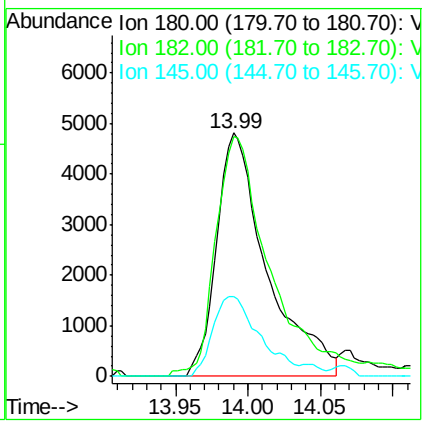




#70
1,2,3-Trichlorobenzene
Concen: 2.872 ug/L
RT: 13.99 min Scan# 4012
Delta R.T. 0.01 min
Lab File: VU030435.D
Acq: 26 Mar 2019 11:37

Tgt Ion:180 Resp: 11626

Ion	Ratio	Lower	Upper
180	100		
182	105.9	77.4	116.2
145	27.8	25.9	38.9



Instrument :
MSVOA_U
ClientSampleId :
C09E1DL

Manual Integrations APPROVED
MMDadoda
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