Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022719\
Data File : VU029708.D
Acq On : 27 Feb 2019 16:30
Operator : JC/SP
Sample : K1623-05DL 500X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Feb 28 02:02:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 28 00:50:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	460861	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	443622	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	222779	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	157730	46.71	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 93.42%			
7) Chloroethane-d5	1.68	69	132029	43.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 87.96%			
11) 1,1-Dichloroethene-d2	2.27	63	221331	33.53	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.06%			
21) 2-Butanone-d5	4.17	46	222956	108.49	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.49%			
24) Chloroform-d	4.64	84	272882	49.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.64%			
26) 1,2-Dichloroethane-d4	5.31	65	172018	49.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.20%			
32) Benzene-d6	5.34	84	608419	54.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.00%			
36) 1,2-Dichloropropane-d6	6.33	67	186793	55.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 111.24%			
41) Toluene-d8	7.56	98	574049	50.39	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.78%			
43) trans-1,3-Dichloropropene-	7.85	79	85788	48.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.32%			
47) 2-Hexanone-d5	8.31	63	195596	104.58	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 104.58%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	274508	48.37	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.74%			
64) 1,2-Dichlorobenzene-d4	11.86	152	240498	50.09	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.18%			
Target Compounds						Qvalue
33) Benzene	5.39	78	121383	10.672	ug/L	100
51) Chlorobenzene	9.12	112	523102	56.663	ug/L	98
62) 1,3-Dichlorobenzene	11.41	146	22424	3.157	ug/L	88
63) 1,4-Dichlorobenzene	11.50	146	192907	26.987	ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	265189	35.766	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	31641	6.749	ug/L	92
70) 1,2,3-Trichlorobenzene	13.99	180	12097	2.430	ug/L #	87

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

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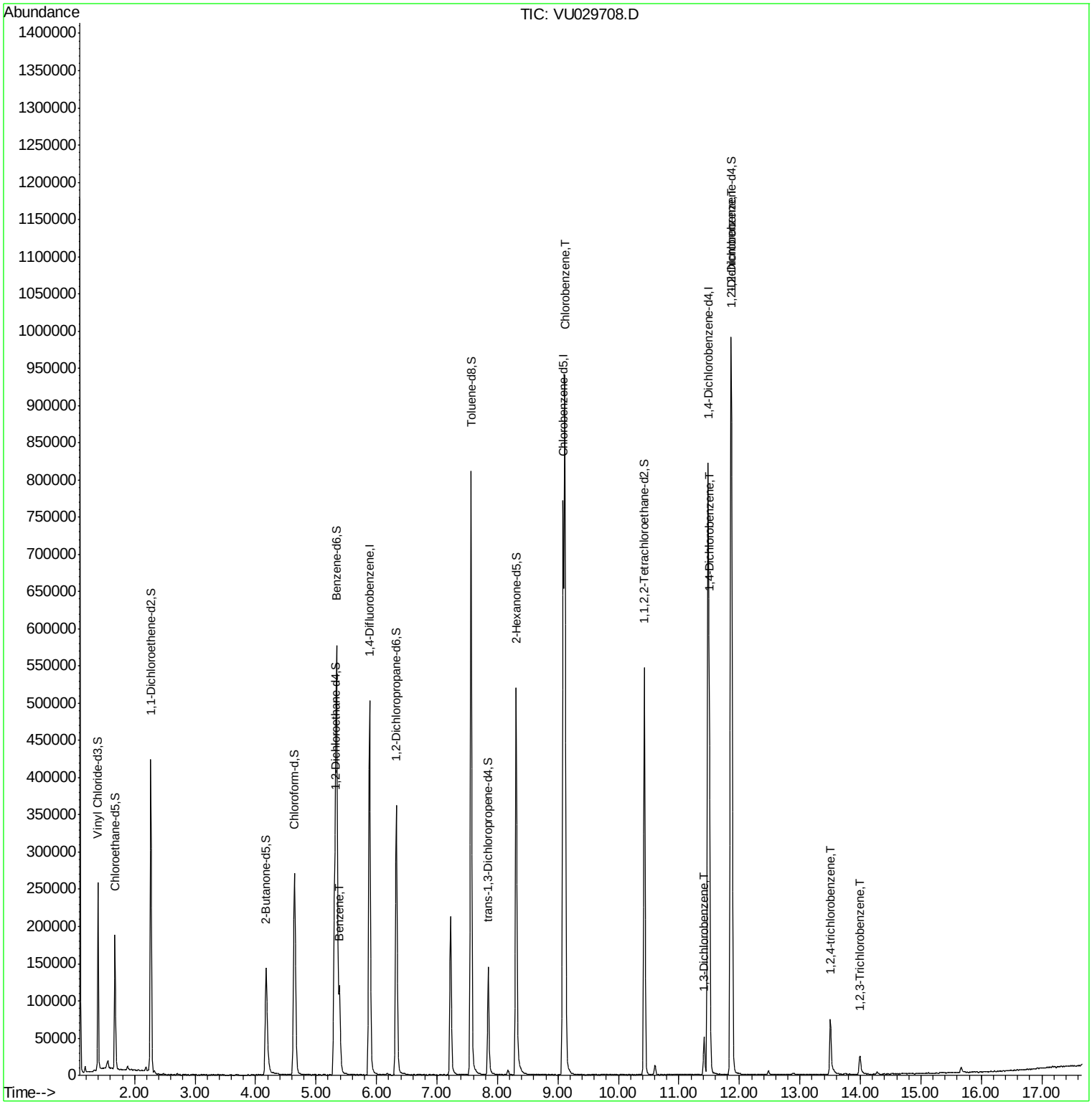
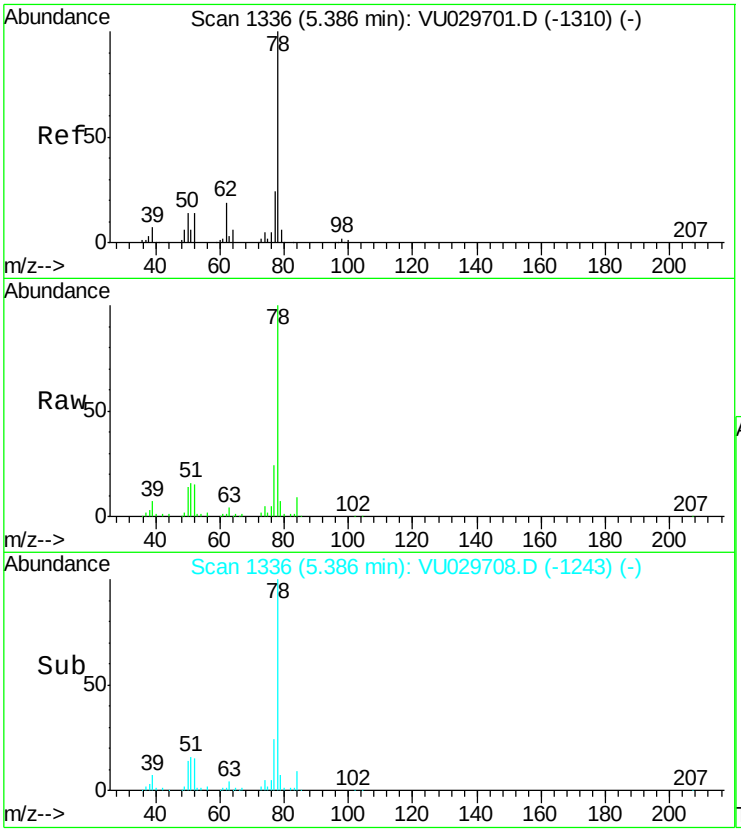
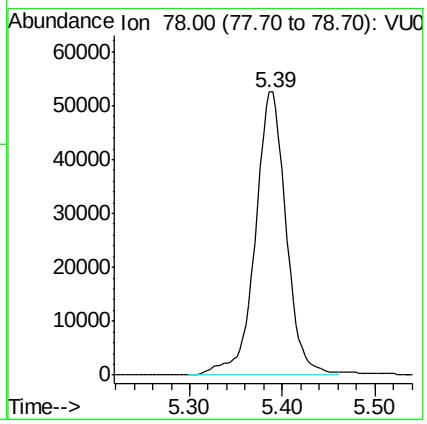
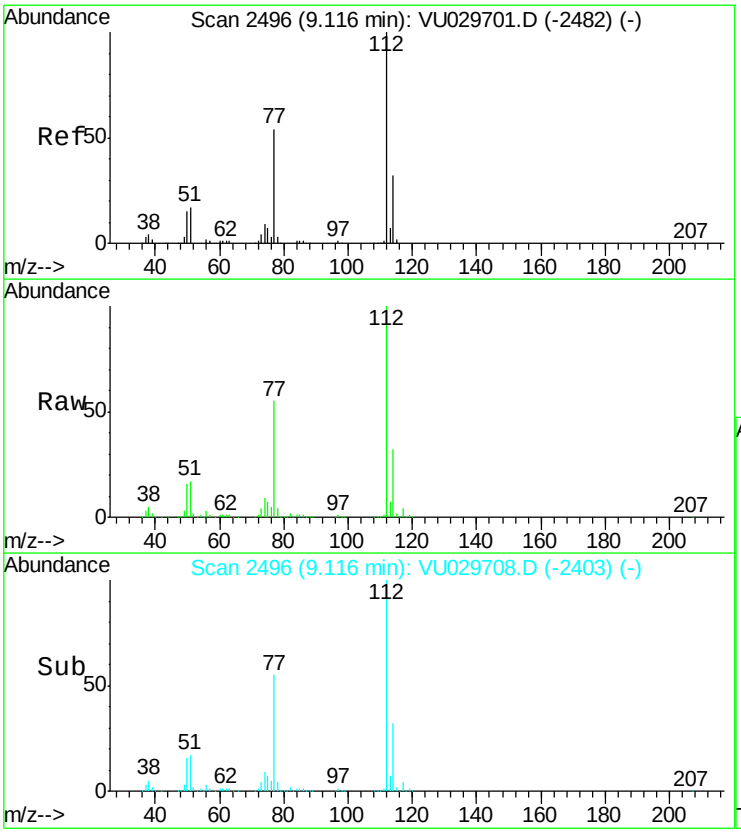




#33
Benzene
Concen: 10.672 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU029708.D
Acq: 27 Feb 2019 16:30

Tgt Ion: 78 Resp: 121383

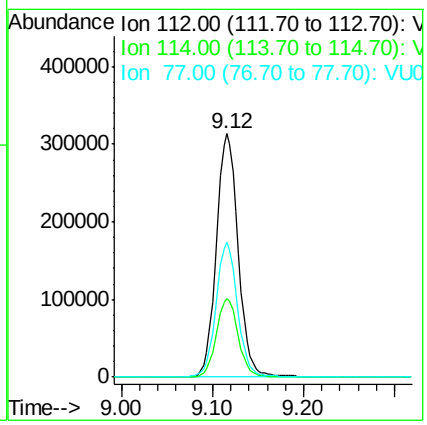


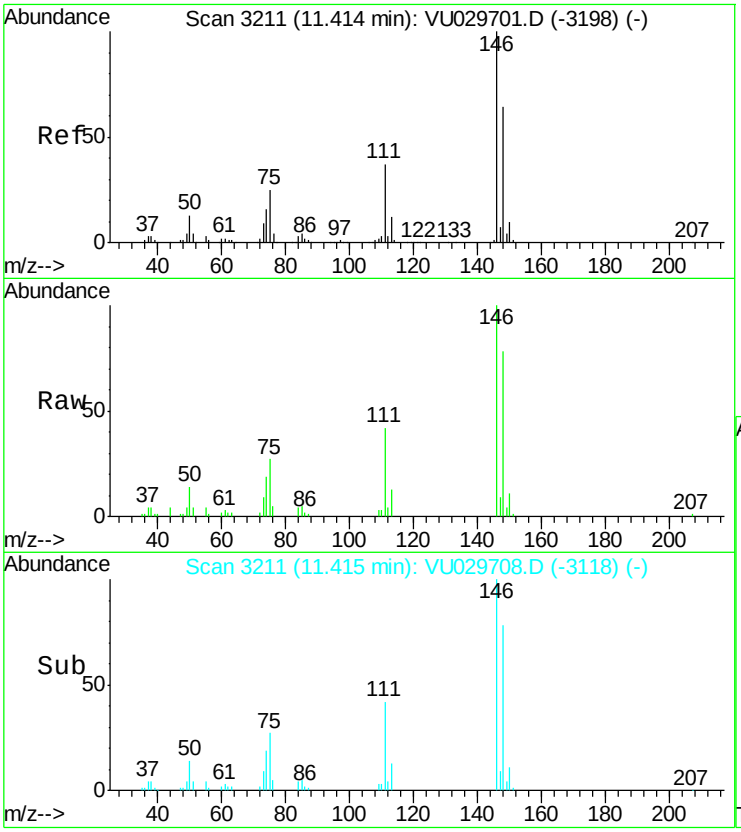


#51
Chlorobenzene
Concen: 56.663 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU029708.D
Acq: 27 Feb 2019 16:30

Tgt Ion:112 Resp: 523102

Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.7	42.1
77	55.2	42.1	63.1

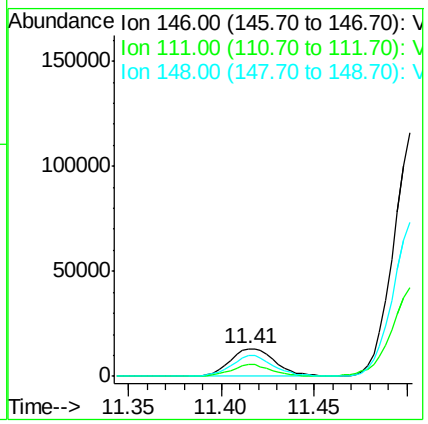


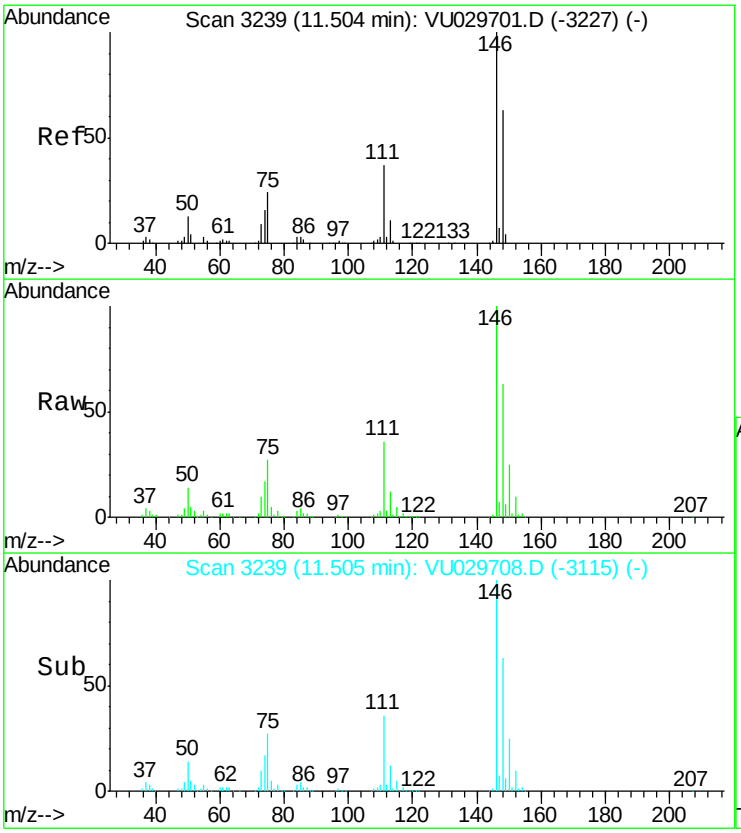


#62
1,3-Dichlorobenzene
Concen: 3.157 ug/L
RT: 11.41 min Scan# 3211
Delta R.T. 0.00 min
Lab File: VU029708.D
Acq: 27 Feb 2019 16:30

Tgt Ion:146 Resp: 22424

Ion	Ratio	Lower	Upper
146	100		
111	42.0	26.7	49.5
148	77.6	45.9	85.3

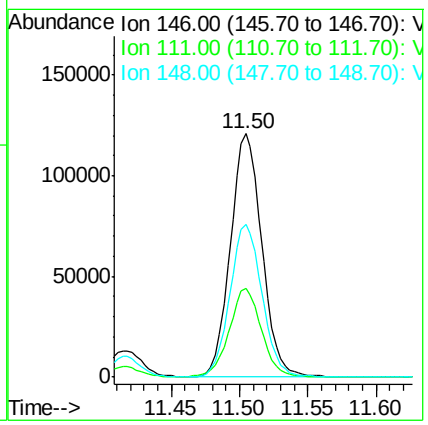


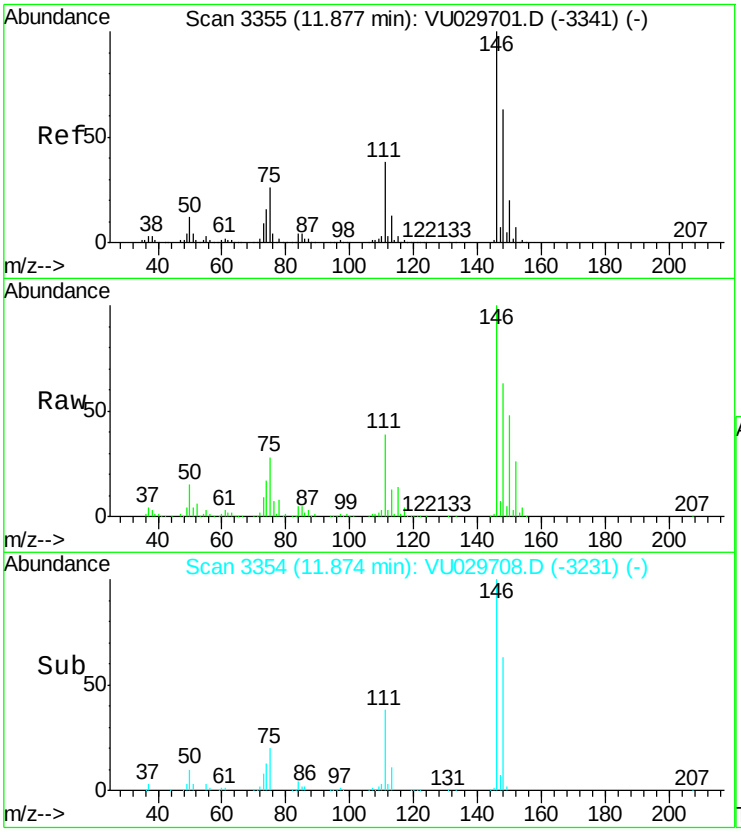


#63
1,4-Dichlorobenzene
Concen: 26.987 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. 0.00 min
Lab File: VU029708.D
Acq: 27 Feb 2019 16:30

Tgt Ion:146 Resp: 192907

Ion	Ratio	Lower	Upper
146	100		
111	36.2	25.1	46.5
148	62.5	45.0	83.6

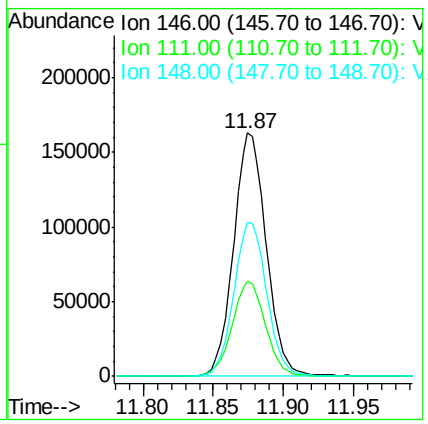


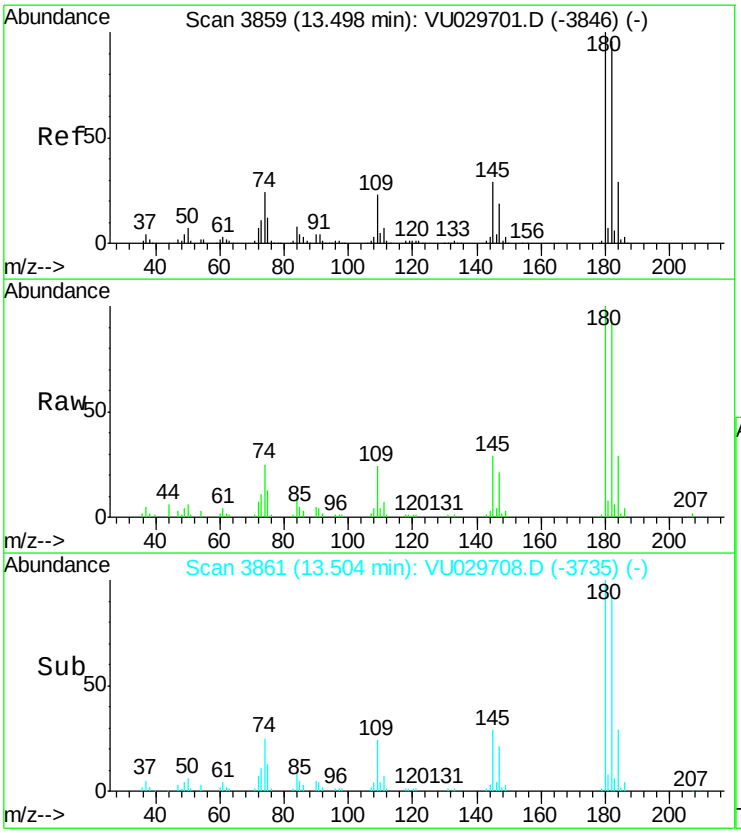


#65
1,2-Dichlorobenzene
Concen: 35.766 ug/L
RT: 11.87 min Scan# 3354
Delta R.T. -0.00 min
Lab File: VU029708.D
Acq: 27 Feb 2019 16:30

Tgt Ion:146 Resp: 265189

Ion	Ratio	Lower	Upper
146	100		
111	39.1	31.2	46.8
148	63.2	51.6	77.4

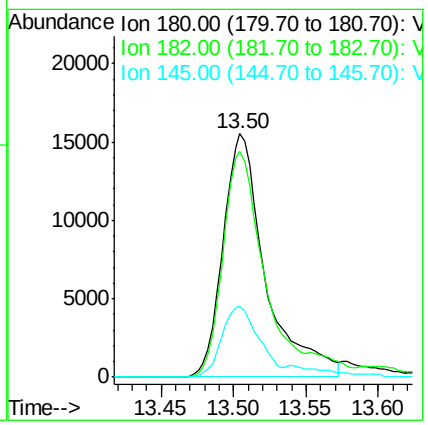


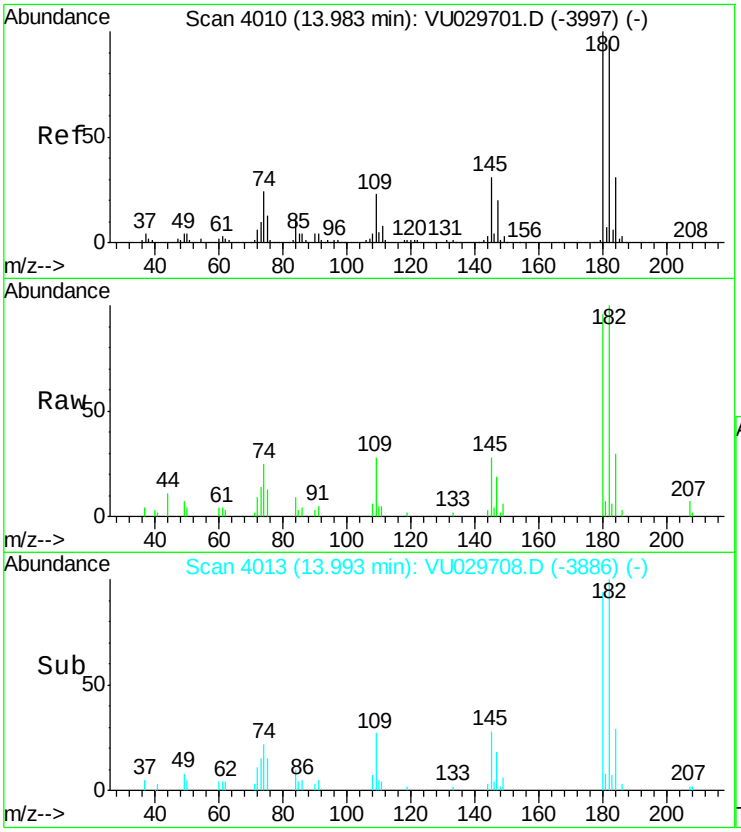


#68
1,2,4-trichlorobenzene
Concen: 6.749 ug/L
RT: 13.50 min Scan# 3861
Delta R.T. 0.01 min
Lab File: VU029708.D
Acq: 27 Feb 2019 16:30

Tgt Ion:180 Resp: 31641

Ion	Ratio	Lower	Upper
180	100		
182	87.3	76.2	114.2
145	25.3	22.7	34.1





#70
1,2,3-Trichlorobenzene
Concen: 2.430 ug/L
RT: 13.99 min Scan# 4013
Delta R.T. 0.01 min
Lab File: VU029708.D
Acq: 27 Feb 2019 16:30

Tgt Ion:180 Resp: 12097

Ion	Ratio	Lower	Upper
180	100		
182	101.6	76.8	115.2
145	10.5	24.4	36.6#