Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022719\

Quantitation Report (Not Reviewed)

Data File : VU029707.D
Acq On : 27 Feb 2019 16:07
Operator : JC/SP
Sample : K1623-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Feb 28 00:54:21 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	462526	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	449959	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	238676	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	185097	54.61	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 109.22%			
7) Chloroethane-d5	1.68	69	158667	52.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 105.32%			
11) 1,1-Dichloroethene-d2	2.27	63	264178	39.88	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.76%			
21) 2-Butanone-d5	4.17	46	273519	132.61	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 132.61%#			
24) Chloroform-d	4.64	84	333858	60.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 121.46%			
26) 1,2-Dichloroethane-d4	5.31	65	211313	60.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 121.44%			
32) Benzene-d6	5.34	84	727733	64.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 128.54%#			
36) 1,2-Dichloropropane-d6	6.33	67	222055	65.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 130.38%#			
41) Toluene-d8	7.56	98	692295	59.92	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 119.84%			
43) trans-1,3-Dichloropropene-	7.85	79	104416	57.79	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 115.58%			
47) 2-Hexanone-d5	8.31	63	229713	121.10	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 121.10%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	332567	57.78	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 115.56%			
64) 1,2-Dichlorobenzene-d4	12.01	152	80	0.02	ug/L	0.15
Spiked Amount 50.000	Range 80 - 120		Recovery = 0.04%#			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2823	0.876	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	2375	0.775	ug/L #	1
13) Acetone	2.32	43	36512	16.567	ug/L	100
25) Chloroform	4.67	83	4832	0.886	ug/L #	74
33) Benzene	5.39	78	18318	1.588	ug/L	100
44) trans-1,3-Dichloropropene	7.85	75	4476	0.972	ug/L	83
51) Chlorobenzene	9.12	112	351830	37.574	ug/L	98
62) 1,3-Dichlorobenzene	11.41	146	51606	6.781	ug/L	97
63) 1,4-Dichlorobenzene	11.50	146	454084	59.294	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	2122388	267.181	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.86	75	2557	2.069	ug/L #	1
68) 1,2,4-trichlorobenzene	13.50	180	385200	76.692	ug/L	98
69) Naphthalene	13.74	128	7194	0.466	ug/L #	78
70) 1,2,3-Trichlorobenzene	13.98	180	265184	49.718	ug/L	99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022719\

Quantitation Report (Not Reviewed)

Data File : VU029707.D
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Misc : 5.0mL/MSVOA_U/WATER
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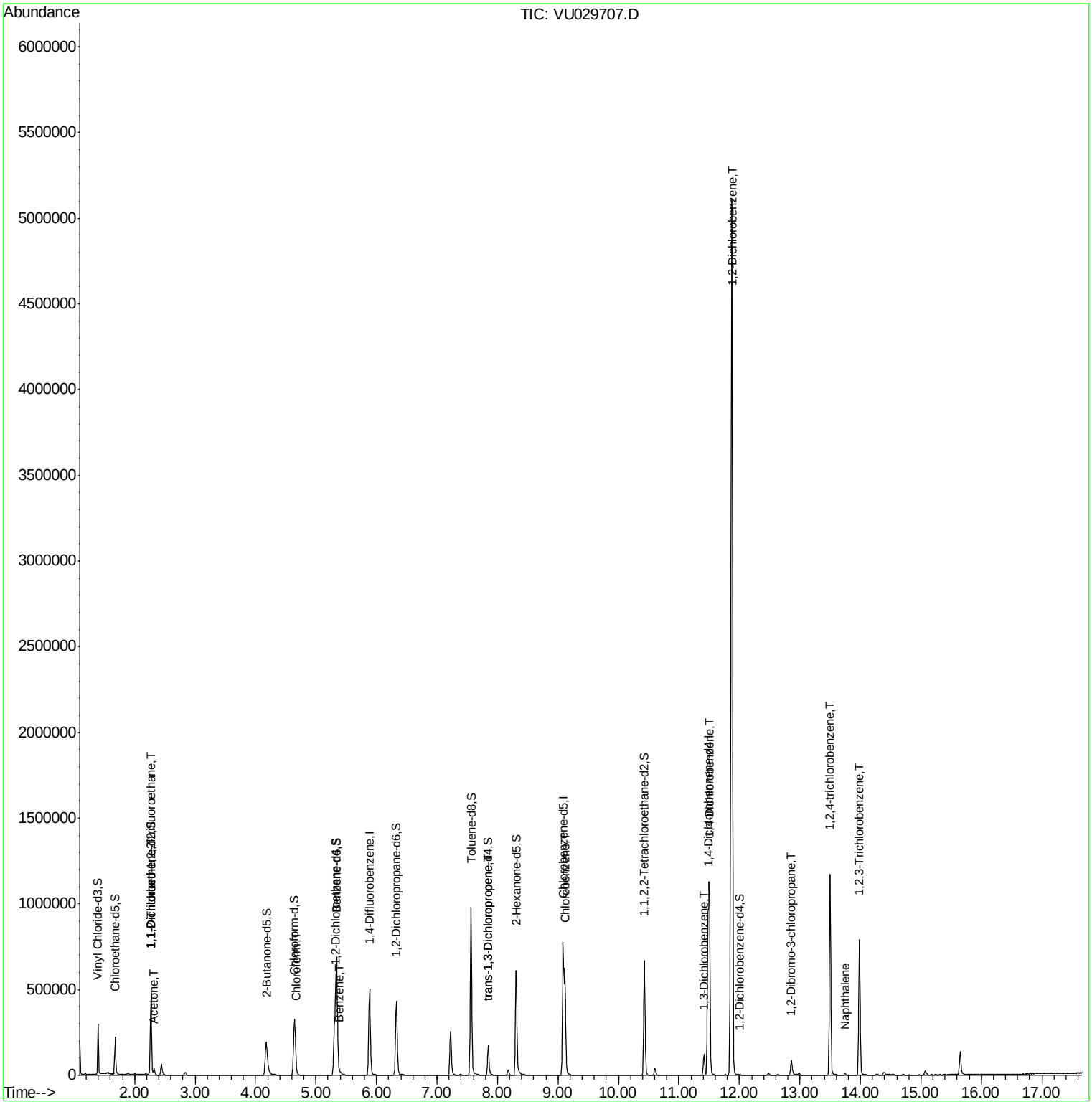
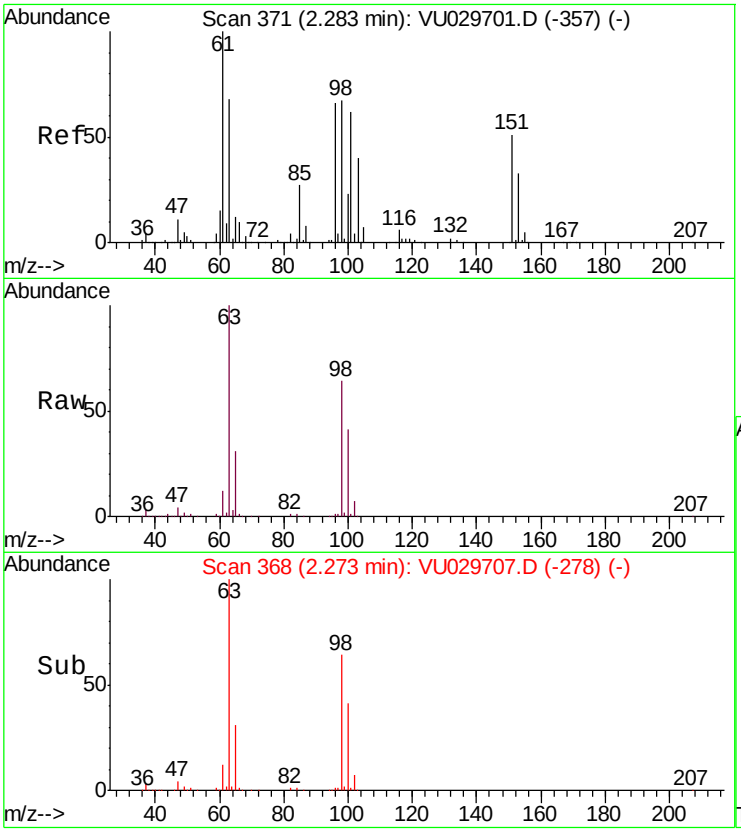
Quant Time: Feb 28 00:54:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 28 00:50:18 2019
Response via : Initial Calibration

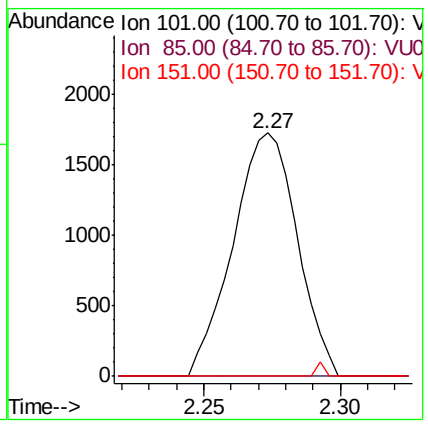


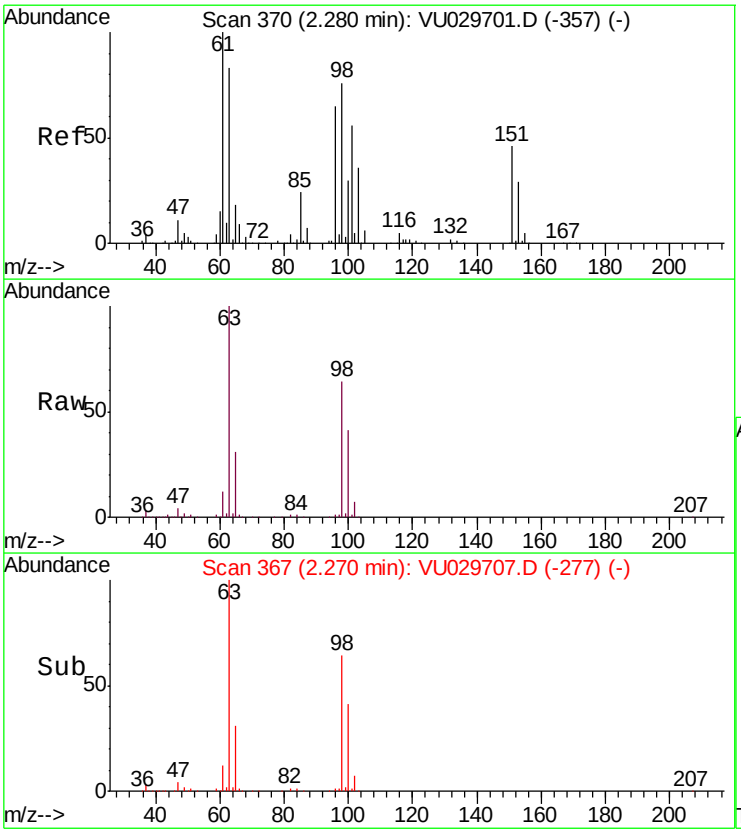


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.876 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU029707.D
Acq: 27 Feb 2019 16:07

Tgt Ion:101 Resp: 2823

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.0	49.6#
151	0.0	65.7	98.5#

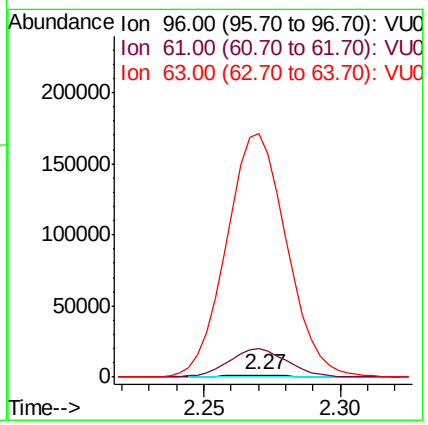


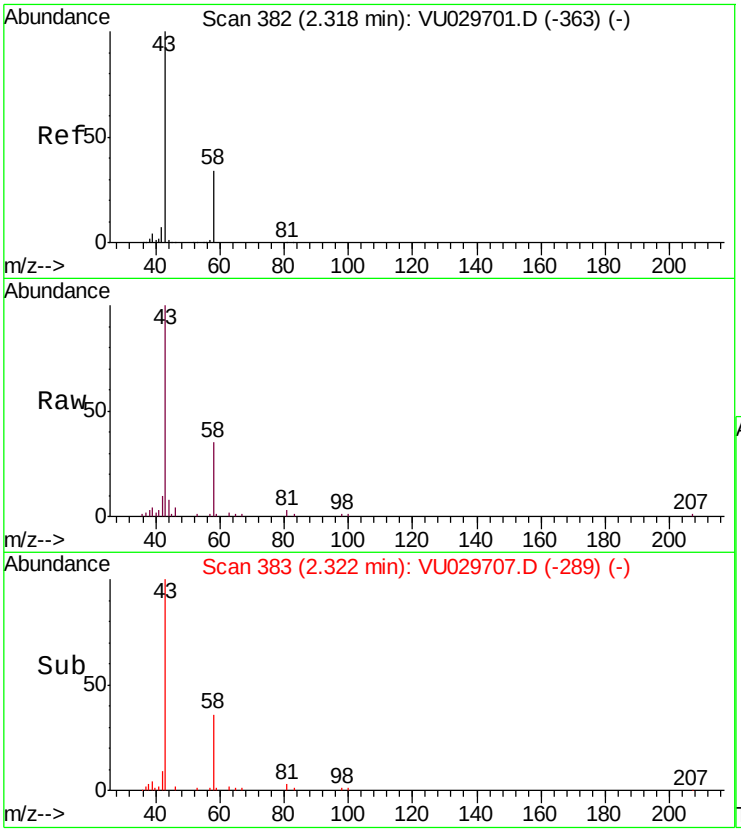


#12
1,1-Dichloroethene
Concen: 0.775 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU029707.D
Acq: 27 Feb 2019 16:07

Tgt Ion: 96 Resp: 2375

Ion	Ratio	Lower	Upper
96	100		
61	1288.8	114.0	211.8#
63	11045.2	98.7	183.3#

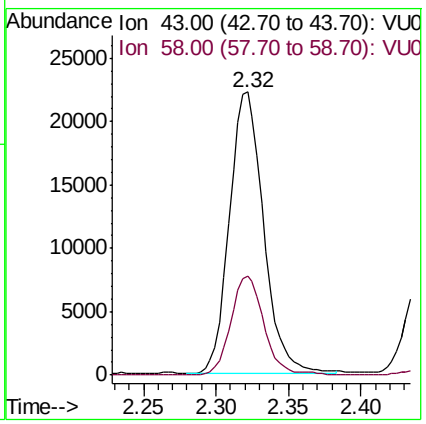


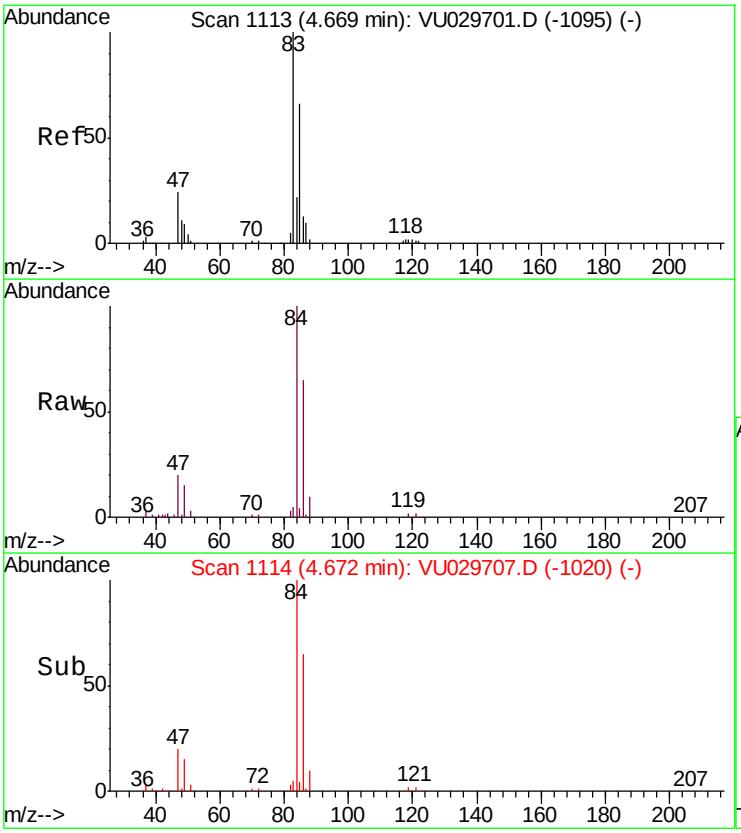


#13
Acetone
Concen: 16.567 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU029707.D
Acq: 27 Feb 2019 16:07

Tgt Ion: 43 Resp: 36512

Ion	Ratio	Lower	Upper
43	100		
58	33.2	0.0	66.8

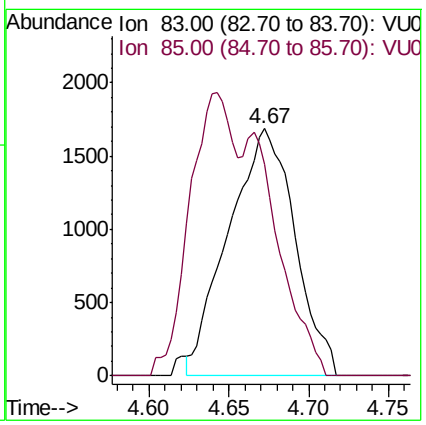


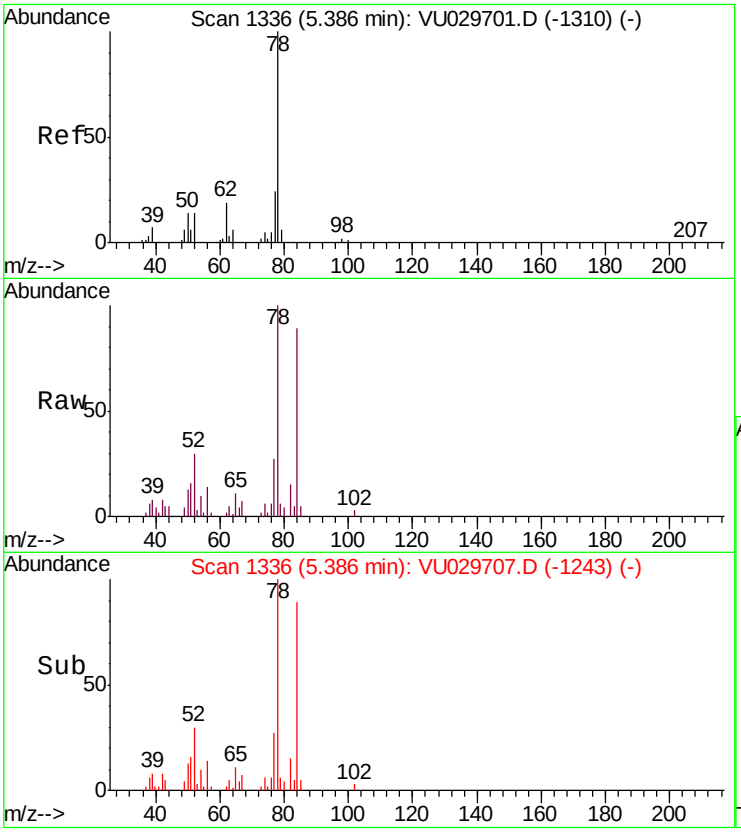


#25
Chloroform
Concen: 0.886 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029707.D
Acq: 27 Feb 2019 16:07

Tgt Ion: 83 Resp: 4832

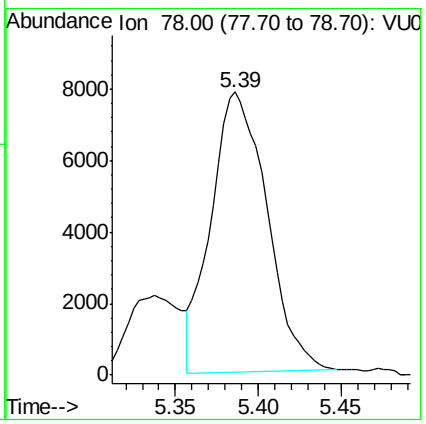
Ion	Ratio	Lower	Upper
83	100		
85	85.3	45.4	84.2#

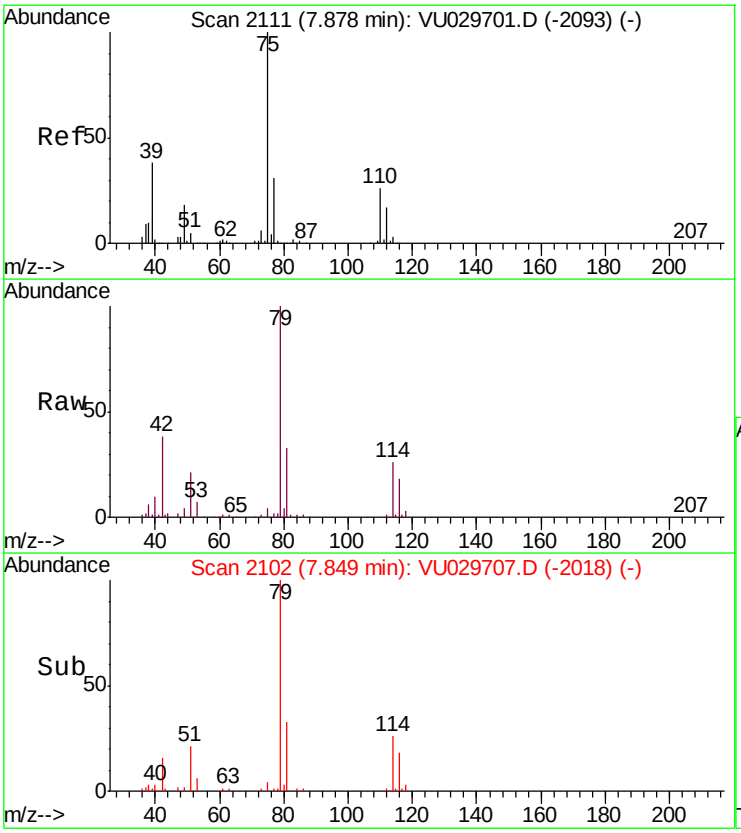




#33
Benzene
Concen: 1.588 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU029707.D
Acq: 27 Feb 2019 16:07

Tgt Ion: 78 Resp: 18318

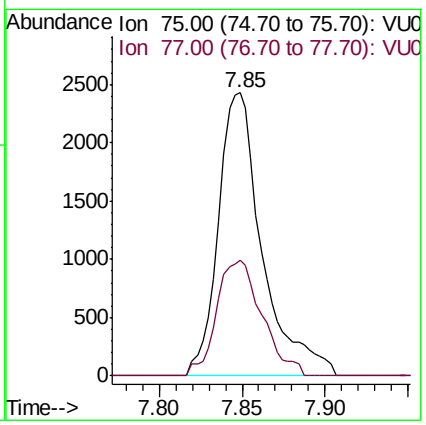


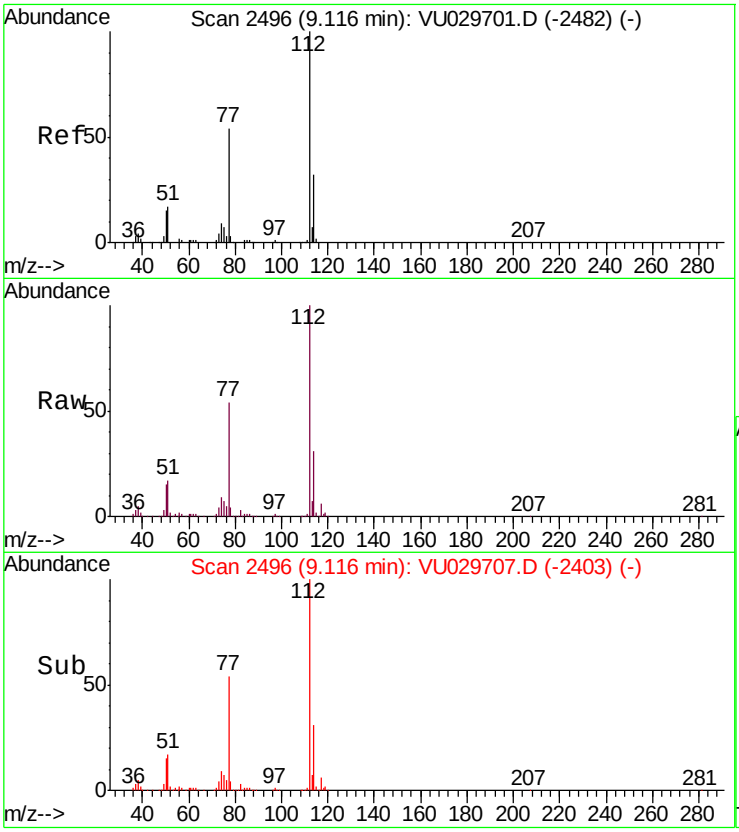


#44
trans-1,3-Dichloropropene
Concen: 0.972 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU029707.D
Acq: 27 Feb 2019 16:07

Tgt Ion: 75 Resp: 4476

Ion	Ratio	Lower	Upper
75	100		
77	40.9	22.1	41.1

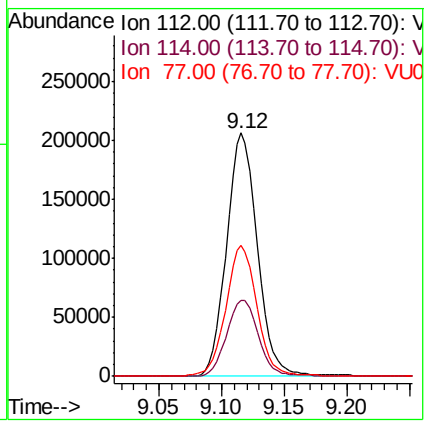


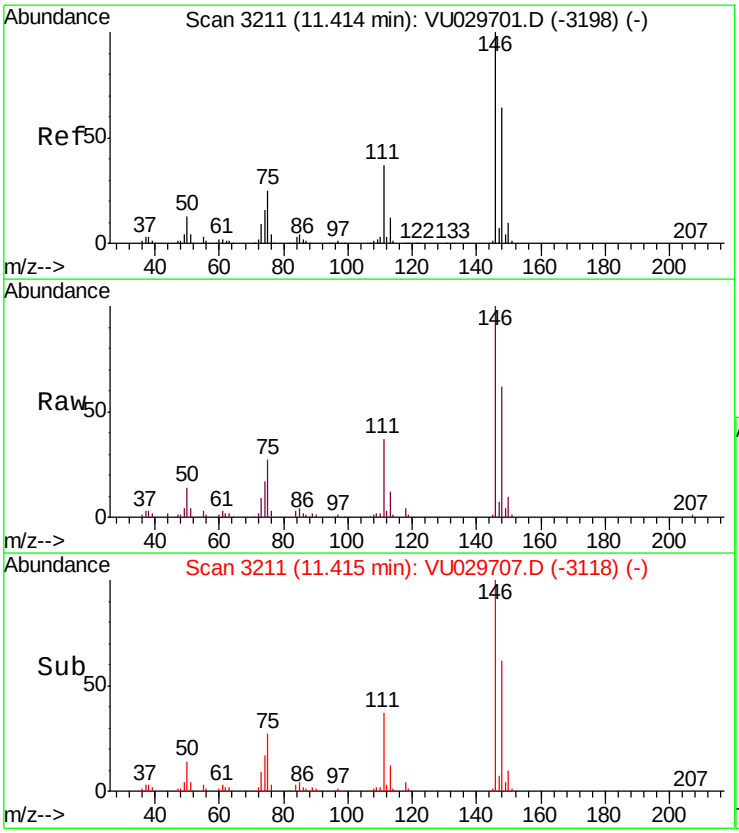


#51
Chlorobenzene
Concen: 37.574 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU029707.D
Acq: 27 Feb 2019 16:07

Tgt Ion:112 Resp: 351830

Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.7	42.1
77	53.9	42.1	63.1

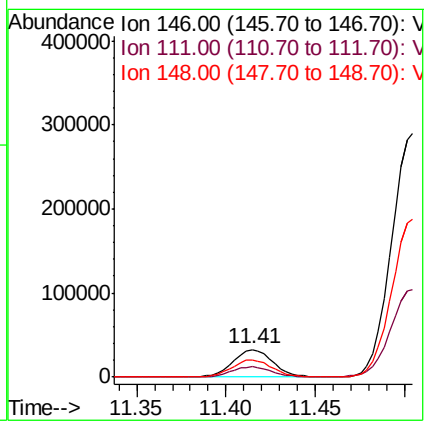


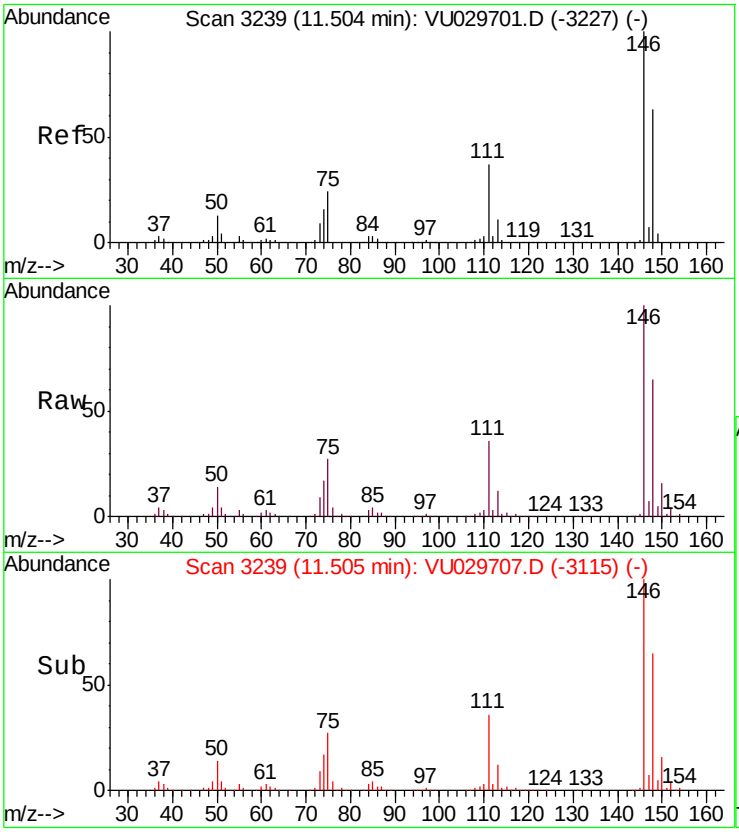


#62
1,3-Dichlorobenzene
Concen: 6.781 ug/L
RT: 11.41 min Scan# 3211
Delta R.T. 0.00 min
Lab File: VU029707.D
Acq: 27 Feb 2019 16:07

Tgt Ion:146 Resp: 51606

Ion	Ratio	Lower	Upper
146	100		
111	36.9	26.7	49.5
148	62.4	45.9	85.3

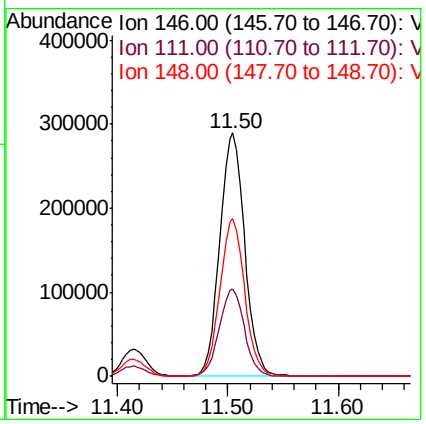


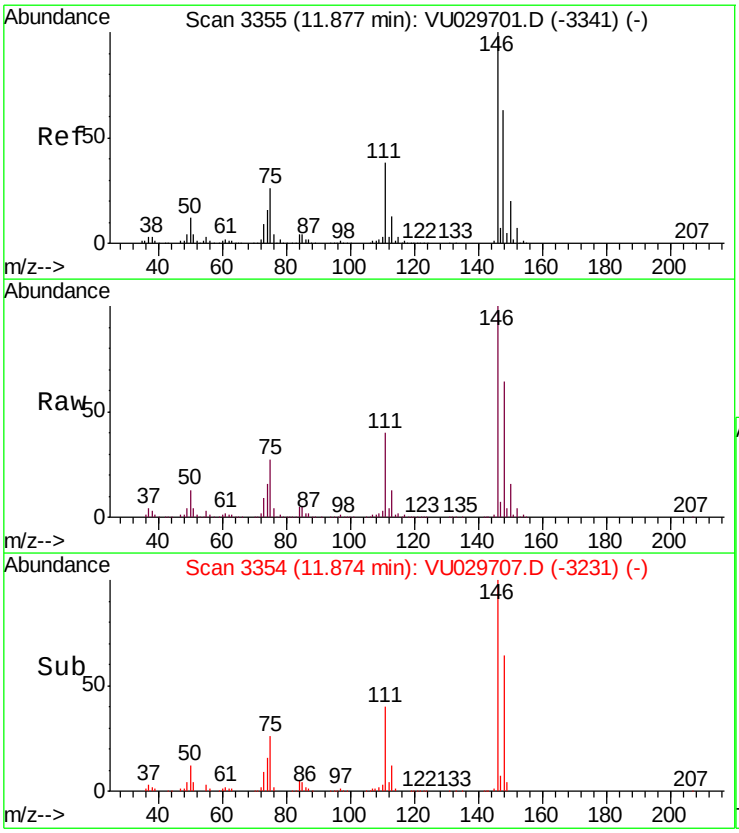


#63
1,4-Dichlorobenzene
Concen: 59.294 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. 0.00 min
Lab File: VU029707.D
Acq: 27 Feb 2019 16:07

Tgt Ion:146 Resp: 454084

Ion	Ratio	Lower	Upper
146	100		
111	36.0	25.1	46.5
148	64.8	45.0	83.6

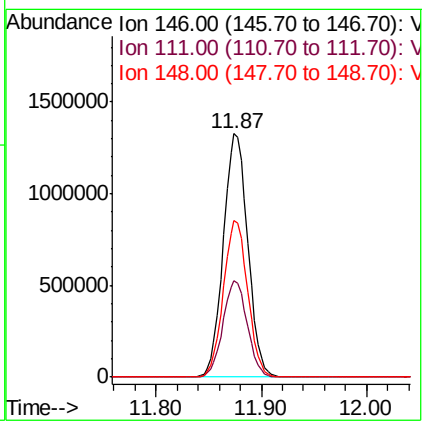


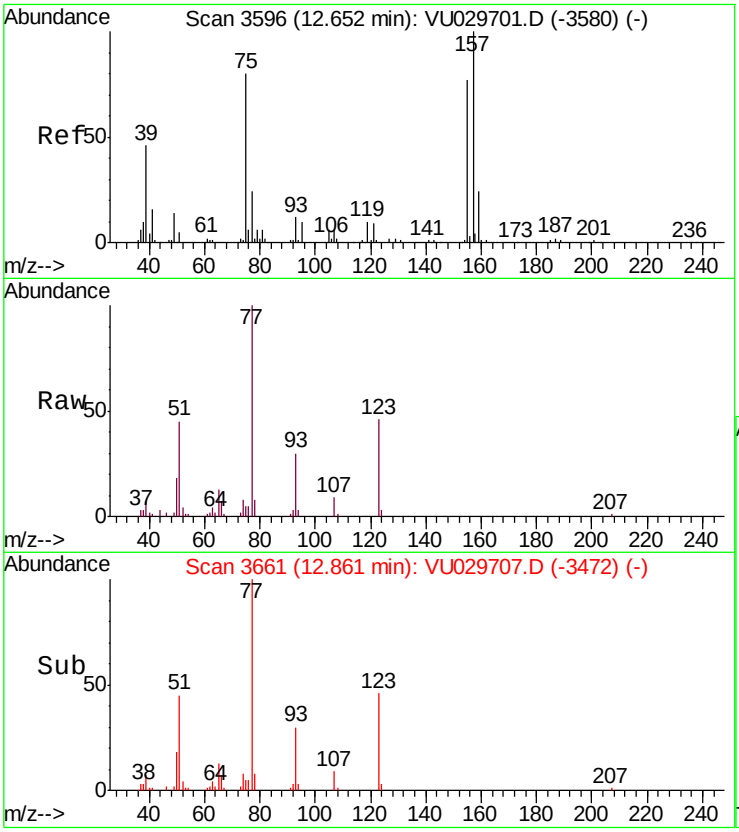


#65
1,2-Dichlorobenzene
Concen: 267.181 ug/L
RT: 11.87 min Scan# 3354
Delta R.T. -0.00 min
Lab File: VU029707.D
Acq: 27 Feb 2019 16:07

Tgt Ion:146 Resp: 2122388

Ion	Ratio	Lower	Upper
146	100		
111	39.8	31.2	46.8
148	64.2	51.6	77.4

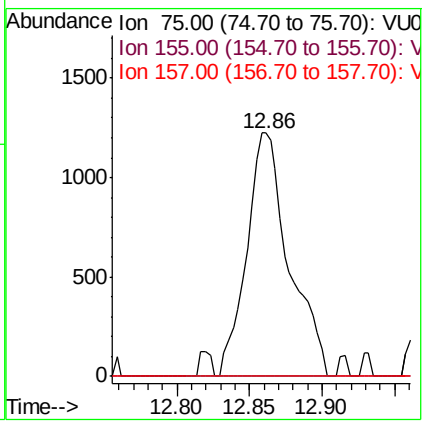


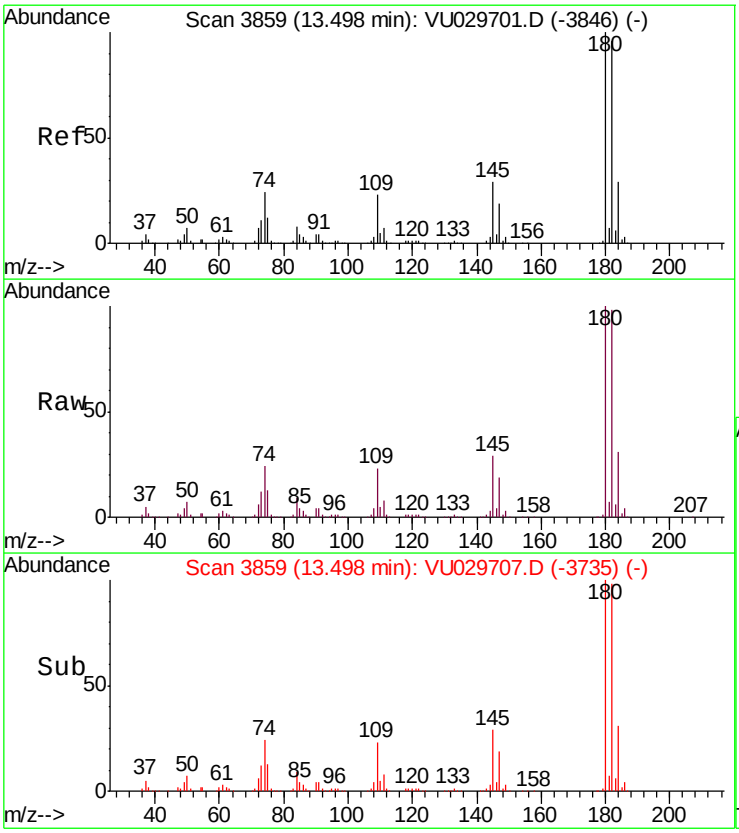


#66
1,2-Dibromo-3-chloropropane
Concen: 2.069 ug/L
RT: 12.86 min Scan# 3661
Delta R.T. 0.21 min
Lab File: VU029707.D
Acq: 27 Feb 2019 16:07

Tgt Ion: 75 Resp: 2557

Ion	Ratio	Lower	Upper
75	100		
155	0.0	79.5	119.3#
157	0.0	103.4	155.0#

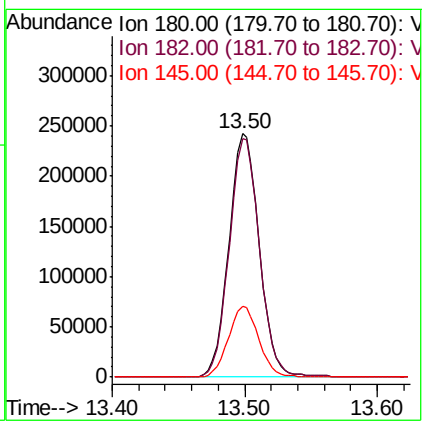


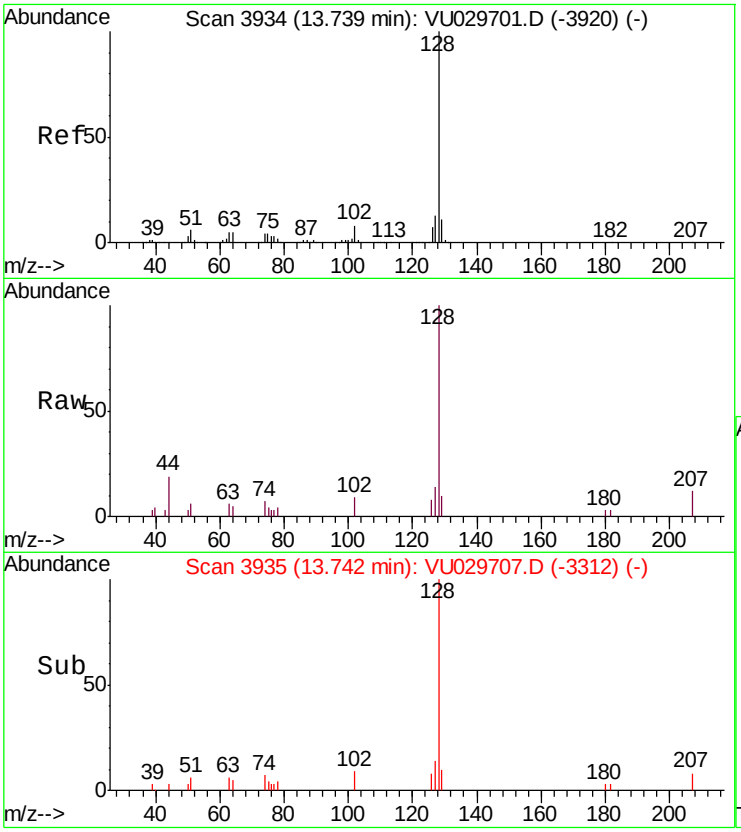


#68
1,2,4-trichlorobenzene
Concen: 76.692 ug/L
RT: 13.50 min Scan# 3859
Delta R.T. 0.00 min
Lab File: VU029707.D
Acq: 27 Feb 2019 16:07

Tgt Ion:180 Resp: 385200

Ion	Ratio	Lower	Upper
180	100		
182	97.9	76.2	114.2
145	29.1	22.7	34.1

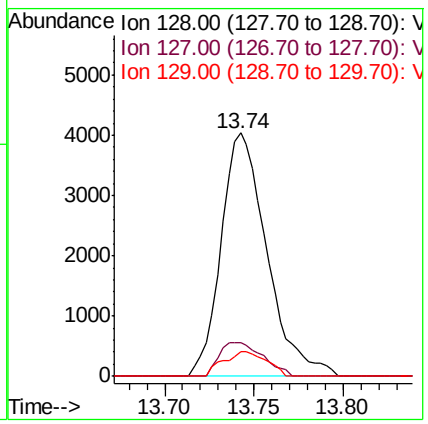


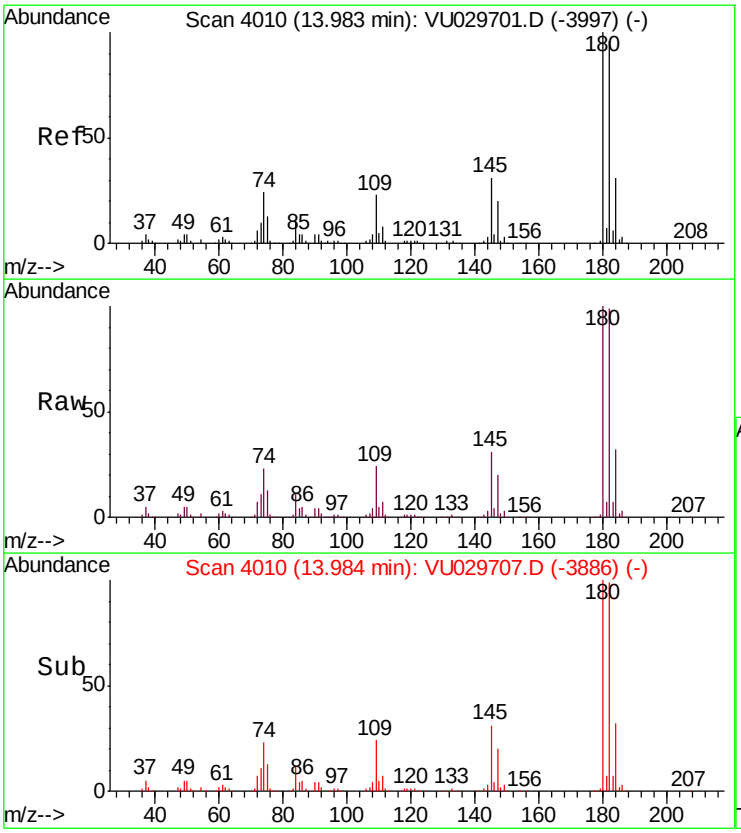


#69
Naphthalene
Concen: 0.466 ug/L
RT: 13.74 min Scan# 3935
Delta R.T. 0.00 min
Lab File: VU029707.D
Acq: 27 Feb 2019 16:07

Tgt Ion:128 Resp: 7194

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	7.2	8.5	12.7#





#70
1,2,3-Trichlorobenzene
Concen: 49.718 ug/L
RT: 13.98 min Scan# 4010
Delta R.T. 0.00 min
Lab File: VU029707.D
Acq: 27 Feb 2019 16:07

Tgt Ion:180 Resp: 265184

Ion	Ratio	Lower	Upper
180	100		
182	97.0	76.8	115.2
145	30.7	24.4	36.6