Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
Sample : J2721-01
Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 07 00:51:40 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 07 00:51:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	297376	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.10	117	300397	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	171508	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	122941	58.33	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 116.66%			
7) Chloroethane-d5	1.64	69	64650	40.24	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 80.48%			
11) 1,1-Dichloroethene-d2	2.24	63	166079	40.42	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.84%			
21) 2-Butanone-d5	4.19	46	204856	140.68	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 140.68%#			
24) Chloroform-d	4.65	84	211117	60.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 121.14%			
26) 1,2-Dichloroethane-d4	5.31	65	150923	62.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 124.52%			
32) Benzene-d6	5.34	84	485214	60.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 120.40%			
36) 1,2-Dichloropropane-d6	6.33	67	162817	60.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 120.62%#			
41) Toluene-d8	7.57	98	492156	66.23	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 132.46%#			
43) trans-1,3-Dichloropropene-	7.86	79	71206	61.27	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 122.54%			
47) 2-Hexanone-d5	8.33	63	177629	173.27	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 173.27%#			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	245062	70.18	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 140.36%#			
64) 1,2-Dichlorobenzene-d4	11.87	152	213128	63.70	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 127.40%#			
Target Compounds						Qvalue
25) Chloroform	4.67	83	12419	2.57	ug/L	91
29) Cyclohexane	4.98	56	179726	40.48	ug/L #	77
35) Methylcyclohexane	6.41	83	1365906	321.98	ug/L	97
37) 1,2-Dichloropropane	6.41	63	11399	3.76	ug/L #	30
38) Bromodichloromethane	6.73	83	10867	3.17	ug/L #	1
40) 4-Methyl-2-pentanone	7.53	43	75067	20.27	ug/L #	48
45) 1,1,2-Trichloroethane	8.05	97	154166	59.81	ug/L #	18
46) Tetrachloroethene	8.23	164	7211	3.26	ug/L	94
48) 2-Hexanone	8.33	43	298699	92.59	ug/L #	25
55) Styrene	9.80	104	573371	76.26	ug/L #	1
56) Isopropylbenzene	10.17	105	801531	71.06	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	17357	4.10	ug/L #	62
59) 1,2,3-Trichloropropane	10.60	75	7728	2.31	ug/L #	1
66) 1,2-Dibromo-3-chloropropan	12.66	75	58380	63.55	ug/L #	1
69) Naphthalene	13.75	128	8928940	773.35	ug/L	99

Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050618\
Data File : VU023685.D
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Misc : 6.42g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 07 00:51:40 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 07 00:51:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050618\
Data File : VU023685.D
Acq On : 06 May 2018 12:22
Operator : MD/SY
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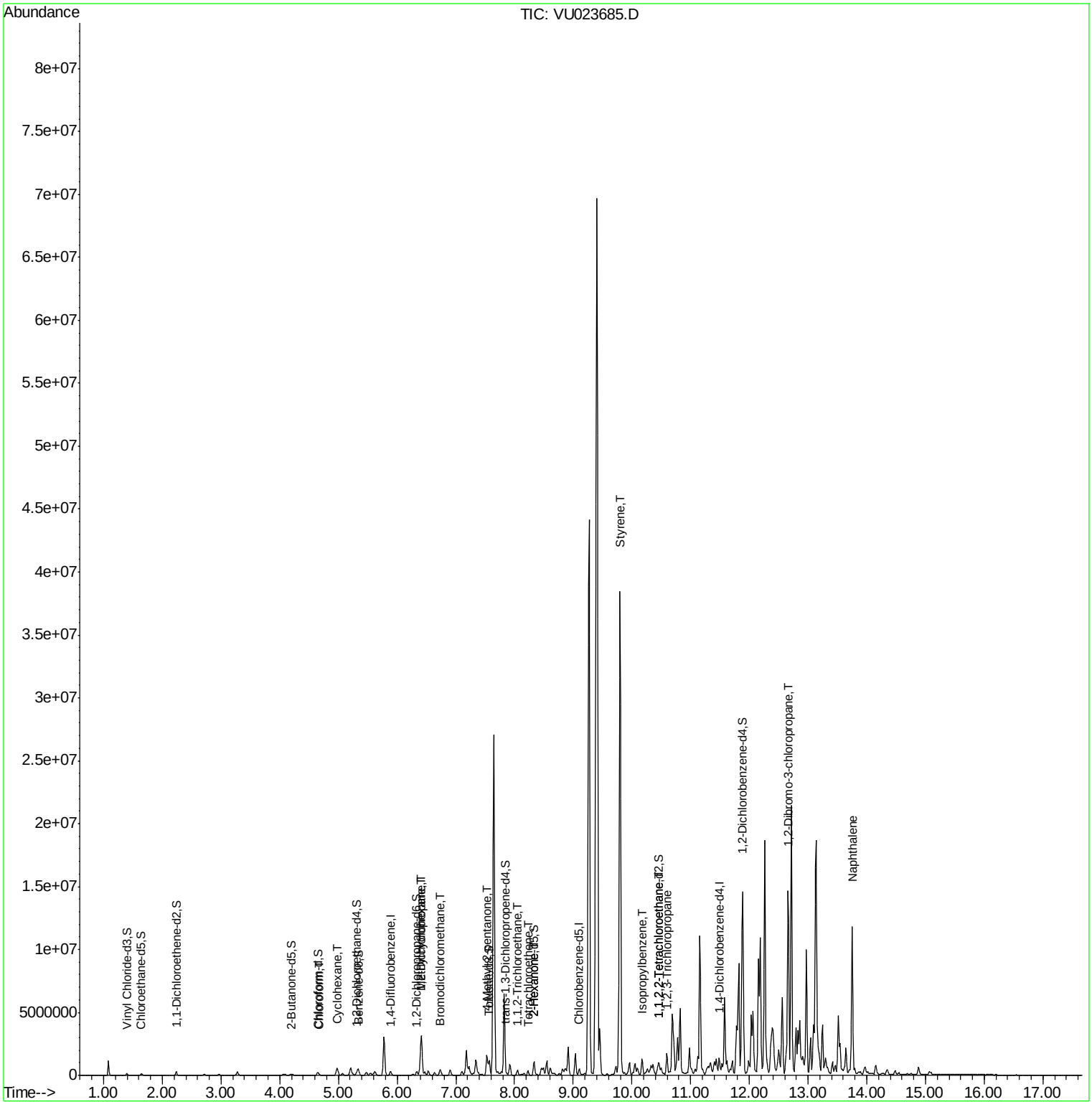
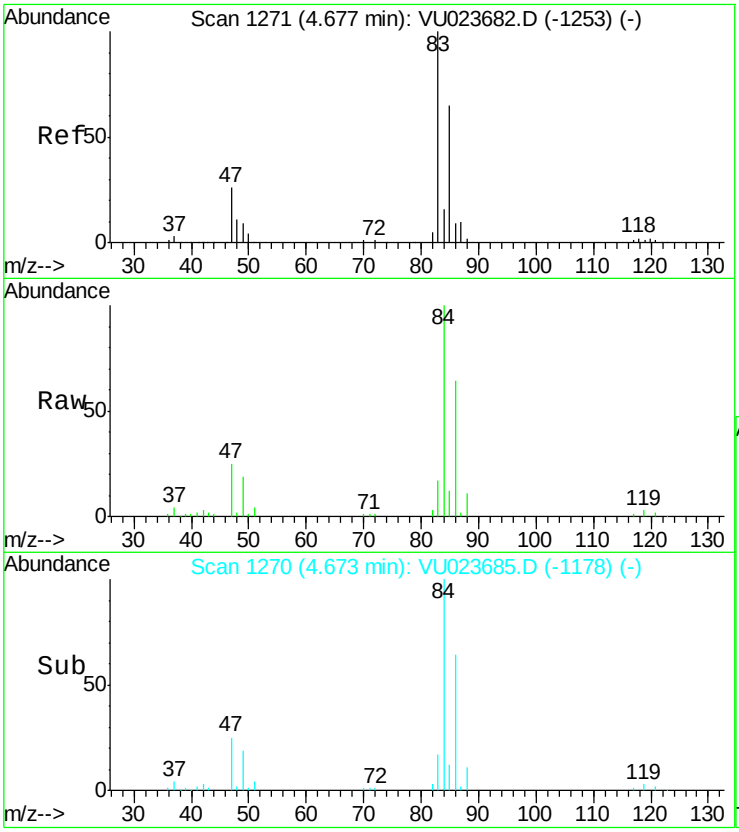
Quant Title : VOC Analysis
QLast Update : Mon May 07 00:51:10 2018
Response via : Initial Calibration

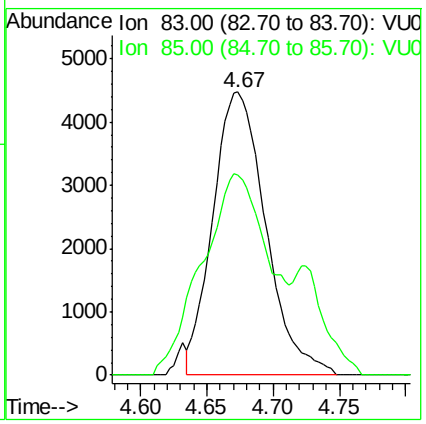


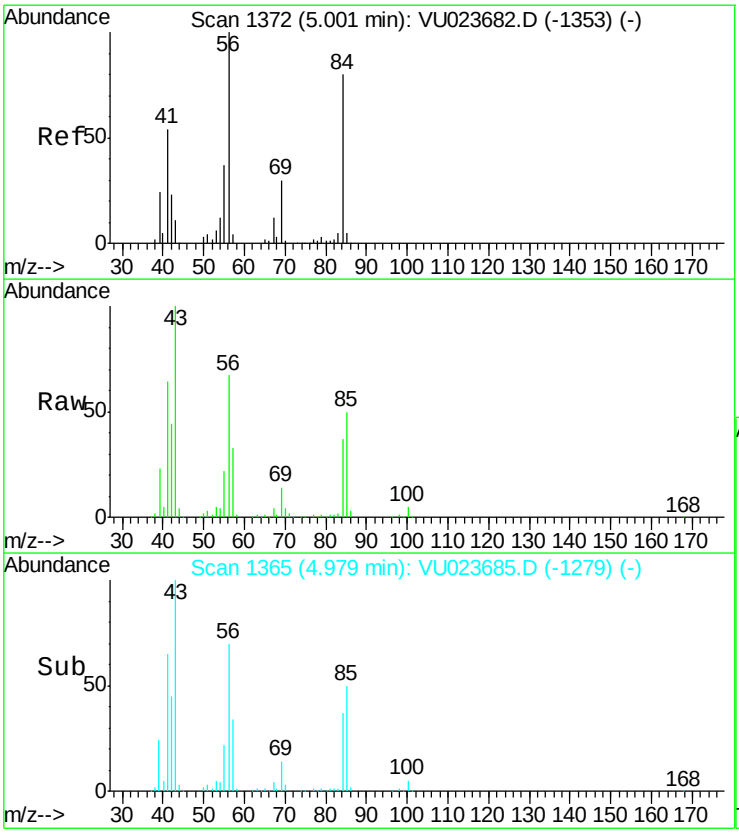


#25
Chloroform
Concen: 2.57 ug/L
RT: 4.67 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VU023685.D
Acq: 06 May 2018 12:22

Tgt Ion: 83 Resp: 12419

Ion	Ratio	Lower	Upper
83	100		
85	70.6	44.4	82.5

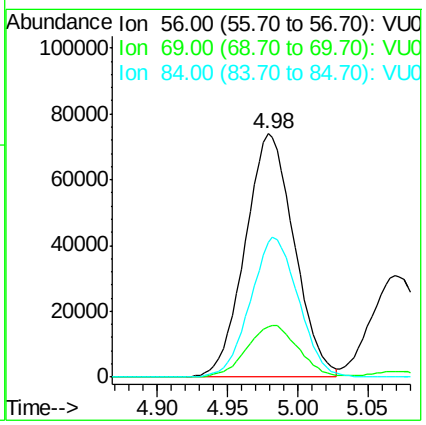


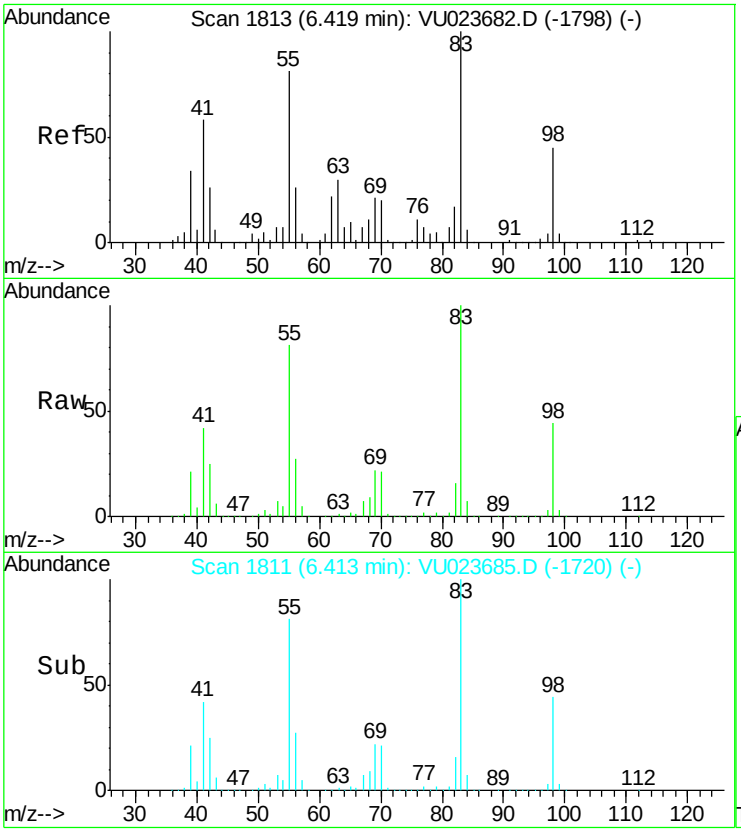


#29
Cyclohexane
Concen: 40.48 ug/L
RT: 4.98 min Scan# 1365
Delta R.T. -0.02 min
Lab File: VU023685.D
Acq: 06 May 2018 12:22

Tgt Ion: 56 Resp: 179726

Ion	Ratio	Lower	Upper
56	100		
69	22.3	23.5	35.3#
84	56.1	63.8	95.8#

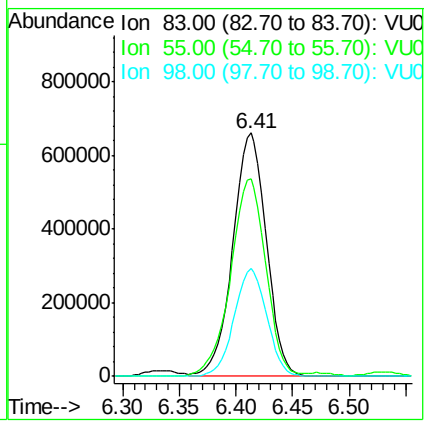


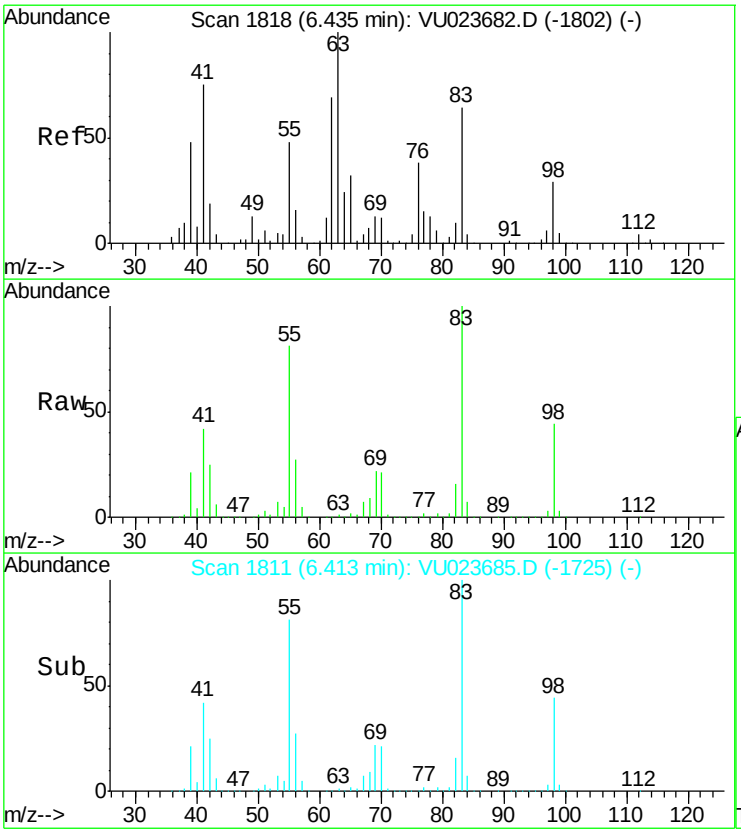


#35
Methylcyclohexane
Concen: 321.98 ug/L
RT: 6.41 min Scan# 1811
Delta R.T. -0.01 min
Lab File: VU023685.D
Acq: 06 May 2018 12:22

Tgt Ion: 83 Resp: 1365906

Ion	Ratio	Lower	Upper
83	100		
55	85.0	66.7	100.1
98	43.1	36.6	54.8

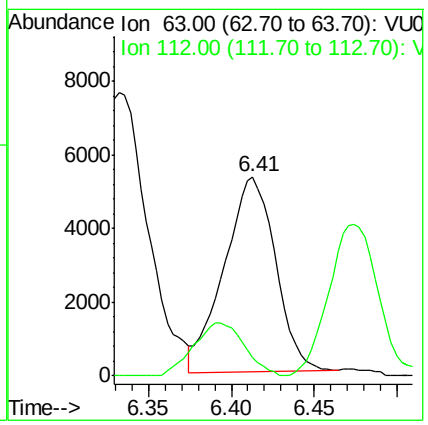


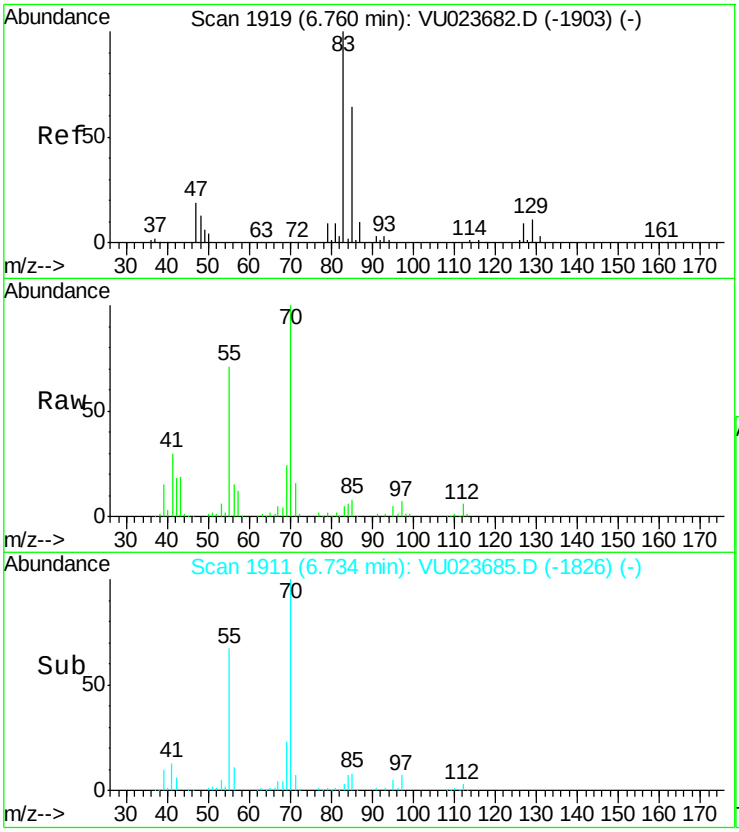


#37
1,2-Dichloropropane
Concen: 3.76 ug/L
RT: 6.41 min Scan# 1811
Delta R.T. -0.02 min
Lab File: VU023685.D
Acq: 06 May 2018 12:22

Tgt Ion: 63 Resp: 11399

Ion	Ratio	Lower	Upper
63	100		
112	27.0	3.1	4.7#

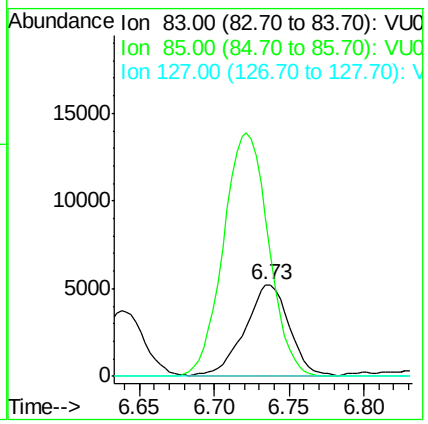


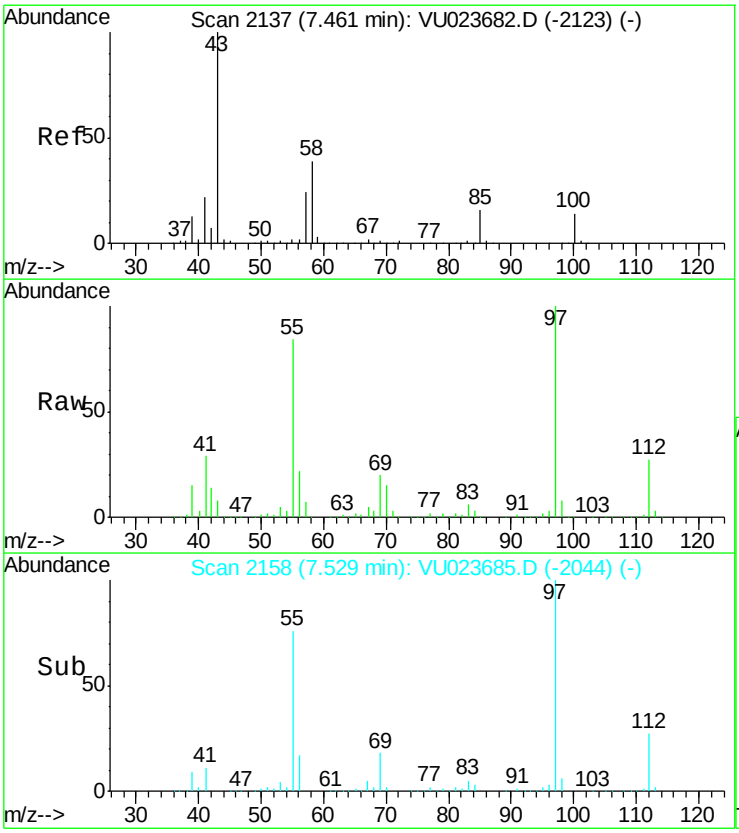


#38
Bromodichloromethane
Concen: 3.17 ug/L
RT: 6.73 min Scan# 1911
Delta R.T. -0.03 min
Lab File: VU023685.D
Acq: 06 May 2018 12:22

Tgt Ion: 83 Resp: 10867

Ion	Ratio	Lower	Upper
83	100		
85	172.8	45.1	83.7#
127	0.0	6.9	10.3#

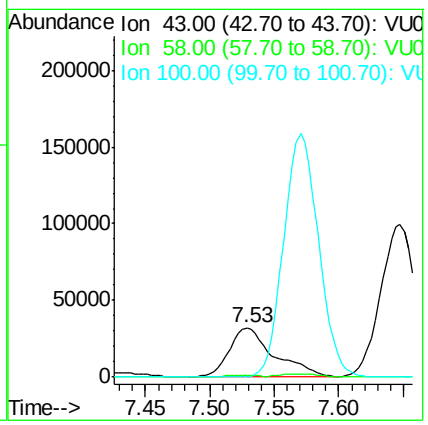


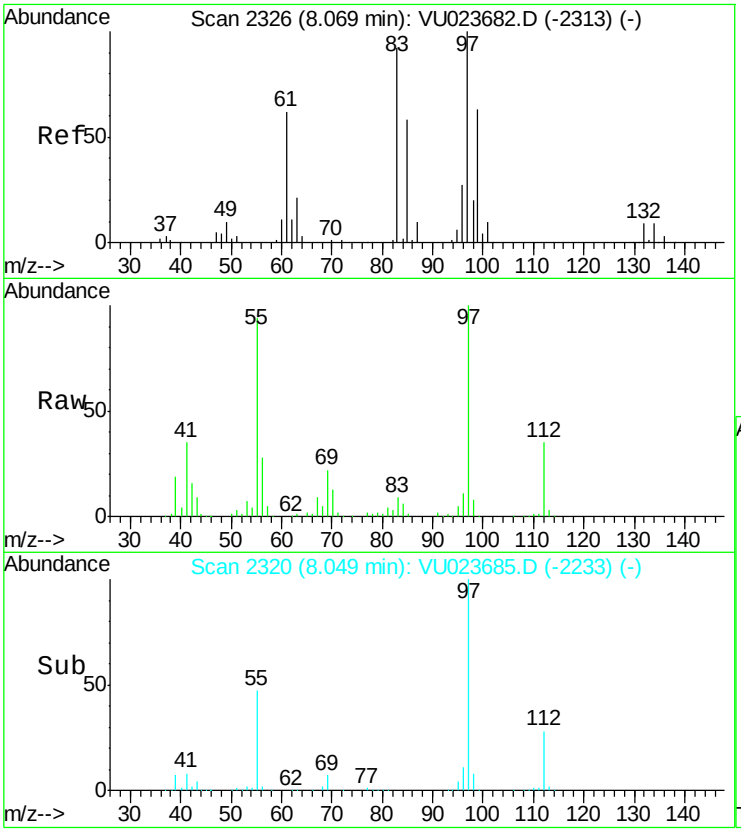


#40
4-Methyl-2-pentanone
Concen: 20.27 ug/L
RT: 7.53 min Scan# 2158
Delta R.T. 0.07 min
Lab File: VU023685.D
Acq: 06 May 2018 12:22

Tgt Ion: 43 Resp: 75067

Ion	Ratio	Lower	Upper
43	100		
58	3.3	30.8	46.2#
100	0.0	10.7	16.1#

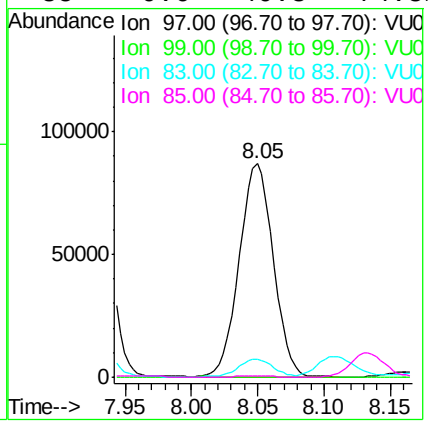


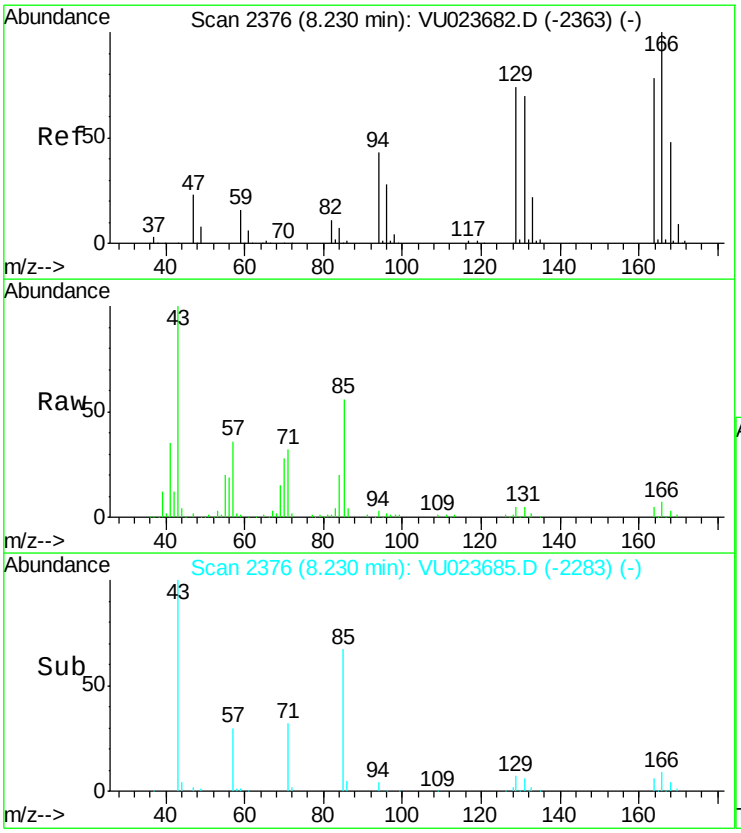


#45
1,1,2-Trichloroethane
Concen: 59.81 ug/L
RT: 8.05 min Scan# 2320
Delta R.T. -0.02 min
Lab File: VU023685.D
Acq: 06 May 2018 12:22

Tgt Ion: 97 Resp: 154166

Ion	Ratio	Lower	Upper
97	100		
99	0.3	44.2	82.2#
83	8.6	63.1	117.1#
85	0.6	40.3	74.8#

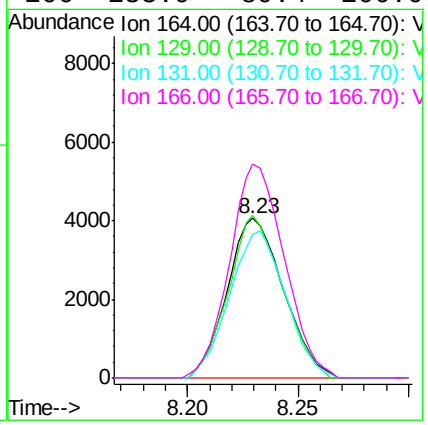


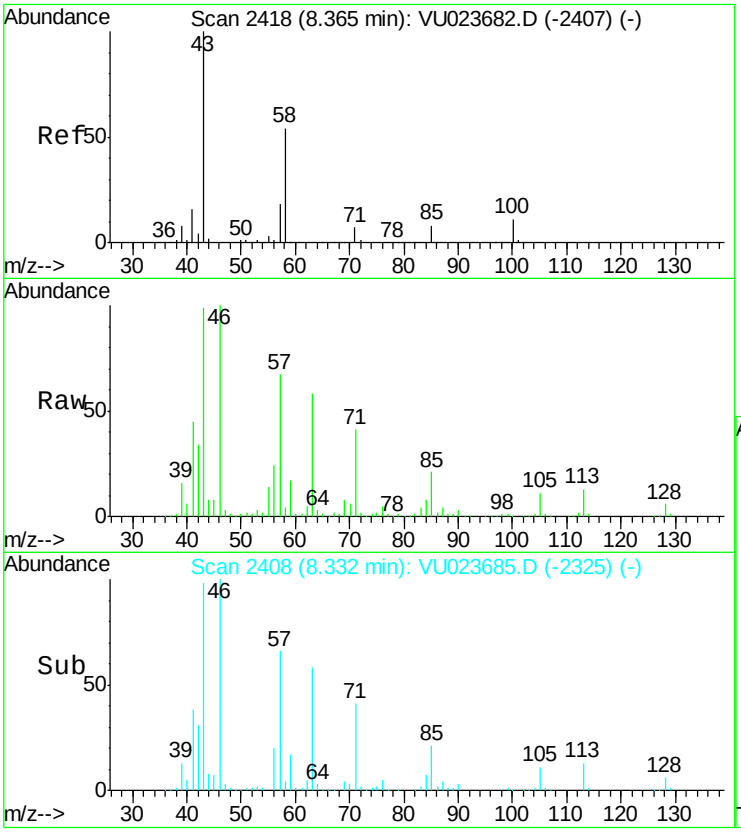


#46
Tetrachloroethene
Concen: 3.26 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU023685.D
Acq: 06 May 2018 12:22

Tgt Ion:164 Resp: 7211

Ion	Ratio	Lower	Upper
164	100		
129	101.9	64.2	119.2
131	89.7	64.1	119.1
166	133.9	89.4	166.0

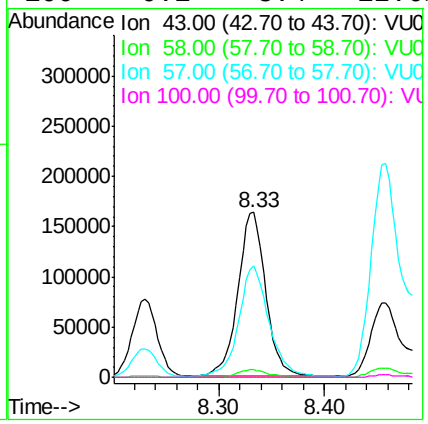


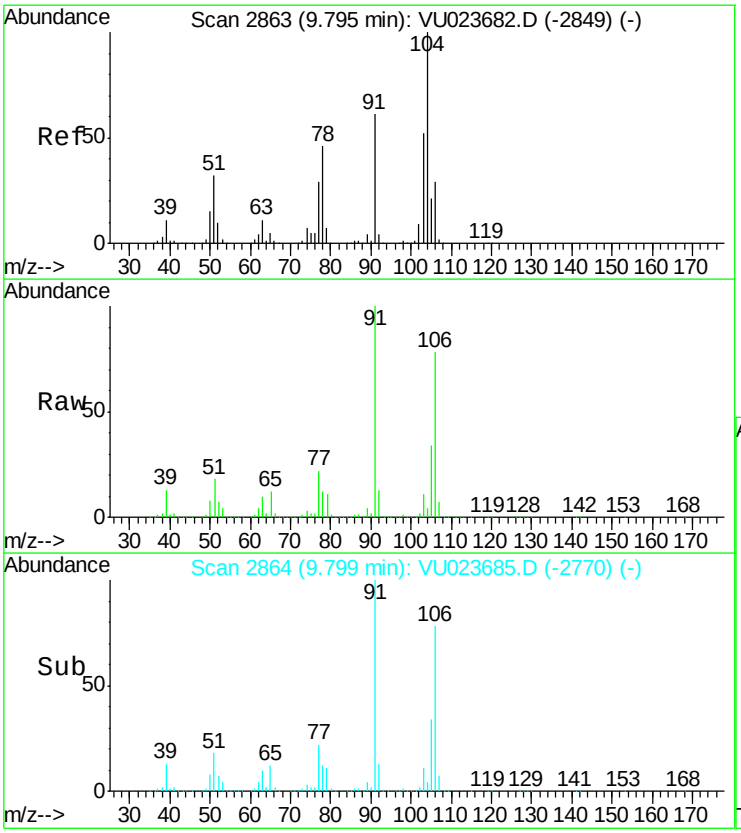


#48
2-Hexanone
Concen: 92.59 ug/L
RT: 8.33 min Scan# 2408
Delta R.T. -0.03 min
Lab File: VU023685.D
Acq: 06 May 2018 12:22

Tgt Ion: 43 Resp: 298699

Ion	Ratio	Lower	Upper
43	100		
58	4.9	43.0	64.6#
57	72.9	14.6	22.0#
100	0.1	8.4	12.6#

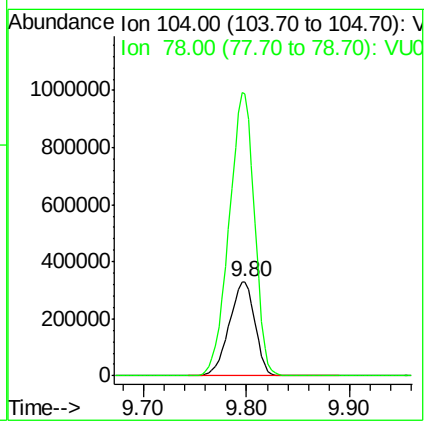


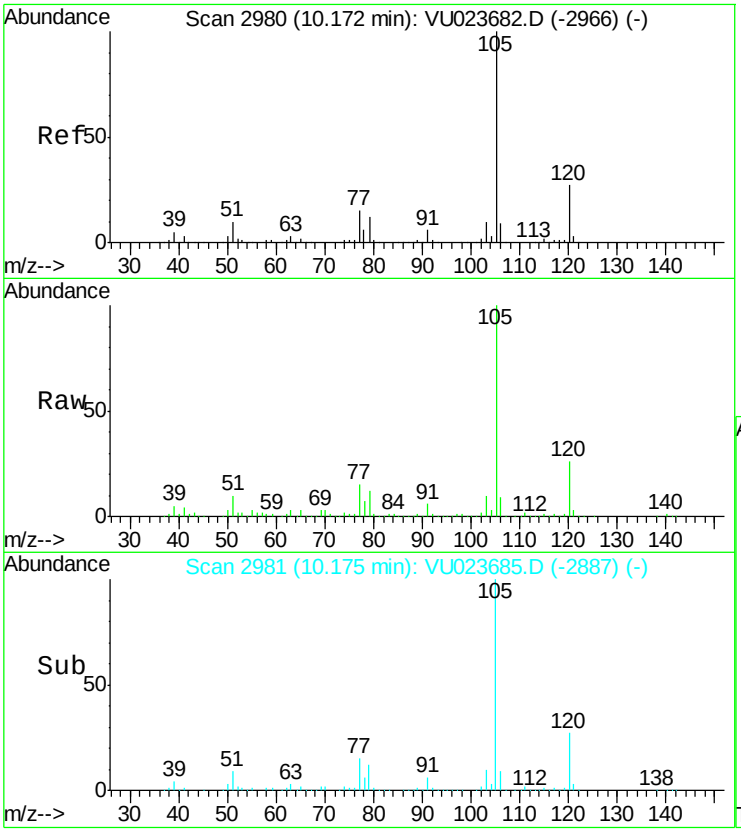


#55
Styrene
Concen: 76.26 ug/L
RT: 9.80 min Scan# 2864
Delta R.T. 0.00 min
Lab File: VU023685.D
Acq: 06 May 2018 12:22

Tgt Ion:104 Resp: 573371

Ion	Ratio	Lower	Upper
104	100		
78	299.4	32.1	59.7#

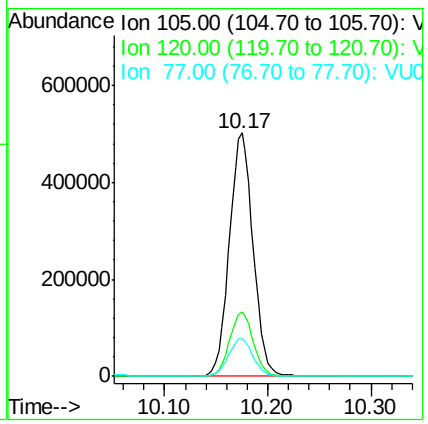


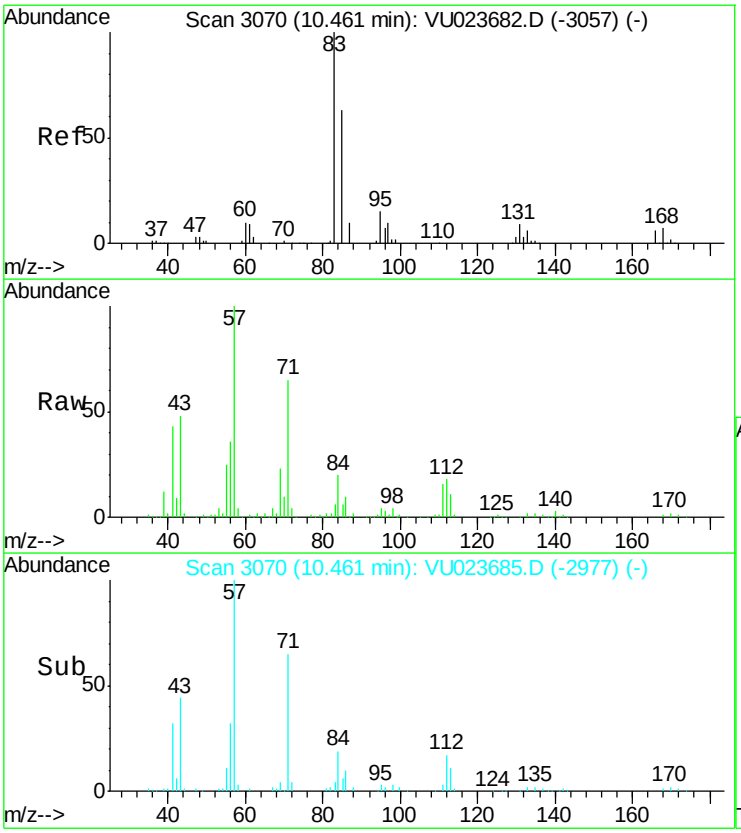


#56
Isopropylbenzene
Concen: 71.06 ug/L
RT: 10.17 min Scan# 2981
Delta R.T. 0.00 min
Lab File: VU023685.D
Acq: 06 May 2018 12:22

Tgt Ion:105 Resp: 801531

Ion	Ratio	Lower	Upper
105	100		
120	26.5	20.9	31.3
77	15.7	12.6	18.8

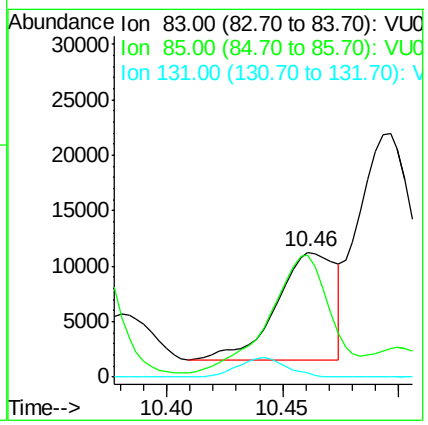


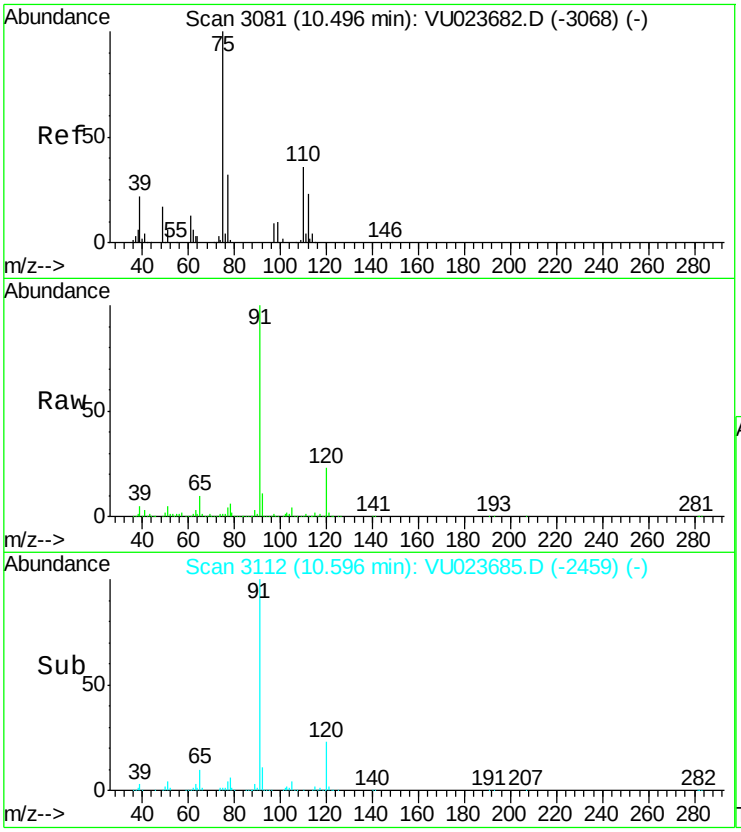


#58
1,1,2,2-Tetrachloroethane
Concen: 4.10 ug/L
RT: 10.46 min Scan# 3070
Delta R.T. -0.00 min
Lab File: VU023685.D
Acq: 06 May 2018 12:22

Tgt Ion: 83 Resp: 17357

Ion	Ratio	Lower	Upper
83	100		
85	97.6	45.6	84.6#
131	3.3	7.9	11.9#

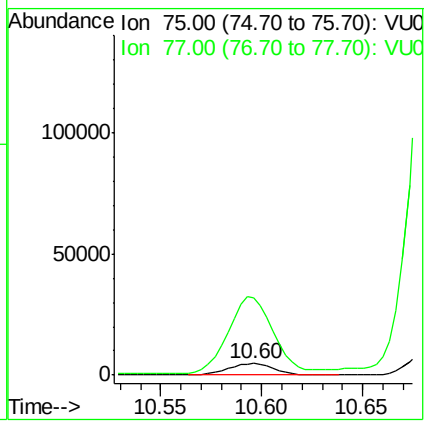


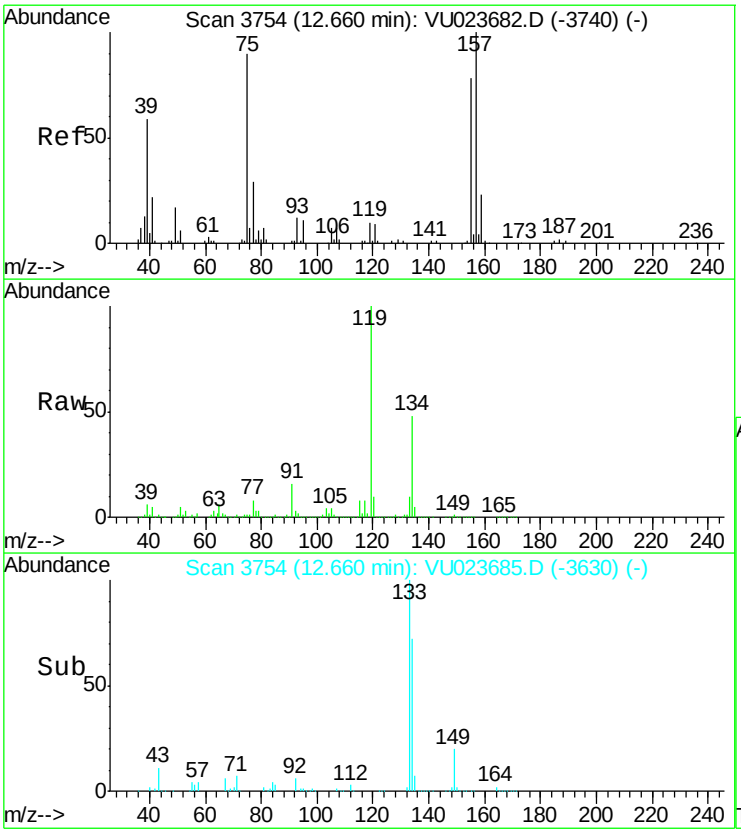


#59
1,2,3-Trichloropropane
Concen: 2.31 ug/L
RT: 10.60 min Scan# 3112
Delta R.T. 0.10 min
Lab File: VU023685.D
Acq: 06 May 2018 12:22

Tgt Ion: 75 Resp: 7728

Ion	Ratio	Lower	Upper
75	100		
77	643.6	25.9	38.9#

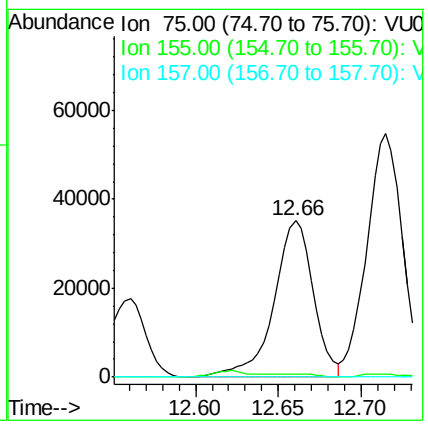


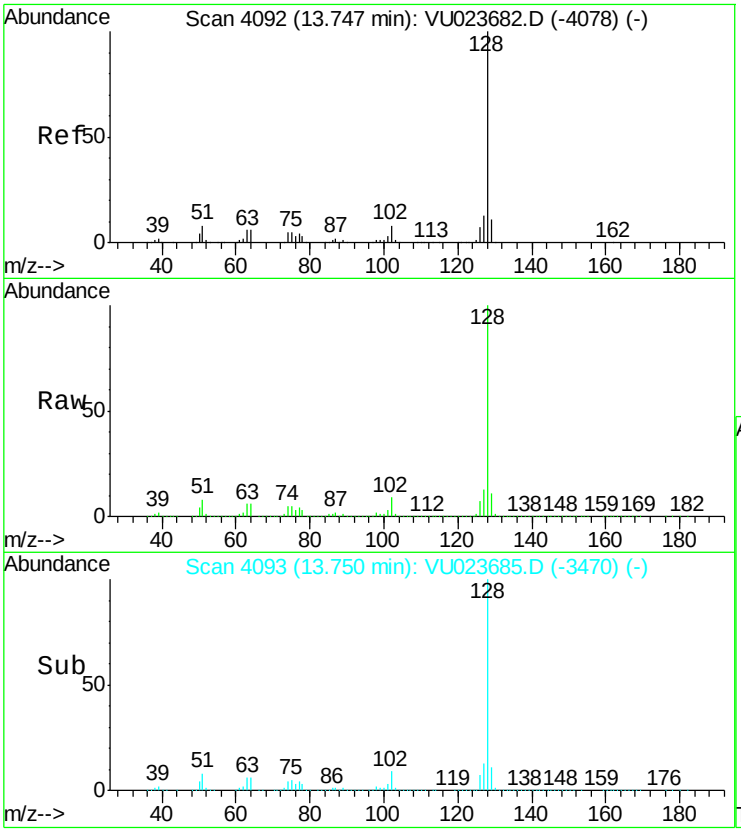


#66
1,2-Dibromo-3-chloropropane
Concen: 63.55 ug/L
RT: 12.66 min Scan# 3754
Delta R.T. -0.00 min
Lab File: VU023685.D
Acq: 06 May 2018 12:22

Tgt Ion: 75 Resp: 58380

Ion	Ratio	Lower	Upper
75	100		
155	2.2	68.9	103.3#
157	0.0	89.9	134.9#





#69
Naphthalene
Concen: 773.35 ug/L
RT: 13.75 min Scan# 4093
Delta R.T. 0.00 min
Lab File: VU023685.D
Acq: 06 May 2018 12:22

Tgt Ion:128 Resp: 8928940

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	11.2	8.6	13.0