Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052318\
Data File : VU024047.D
Acq On : 23 May 2018 19:46
Operator : MD/SY
Sample : J3088-15 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Quant Time: May 24 04:17:51 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM051218WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 24 04:14:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	274968	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	283014	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	119439	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	76045	29.76	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 59.52%#			
7) Chloroethane-d5	1.68	69	68196	33.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 67.74%#			
11) 1,1-Dichloroethene-d2	2.27	63	117449	25.05	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 50.10%#			
21) 2-Butanone-d5	4.19	46	203595	114.50	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 114.50%			
24) Chloroform-d	4.65	84	174360	44.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.42%			
26) 1,2-Dichloroethane-d4	5.32	65	123746	48.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.46%			
32) Benzene-d6	5.35	84	322164	39.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 78.00%			
36) 1,2-Dichloropropane-d6	6.34	67	123995	44.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 88.86%			
41) Toluene-d8	7.57	98	283511	37.25	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 74.50%#			
43) trans-1,3-Dichloropropene-	7.85	79	46859	39.92	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.84%			
47) 2-Hexanone-d5	8.32	63	138067	107.34	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 107.34%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	188525	47.97	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.94%			
64) 1,2-Dichlorobenzene-d4	11.87	152	126842	49.17	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.34%			
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.23	96	27199	11.50	ug/L	92
25) Chloroform	4.68	83	5564	1.28	ug/L	87
34) Trichloroethene	6.19	95	11701	4.93	ug/L	96
35) Methylcyclohexane	6.34	83	27259	8.09	ug/L #	16
37) 1,2-Dichloropropane	6.34	63	12772	4.64	ug/L #	88
59) 1,2,3-Trichloropropane	11.49	75	14267	3.99	ug/L #	88

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

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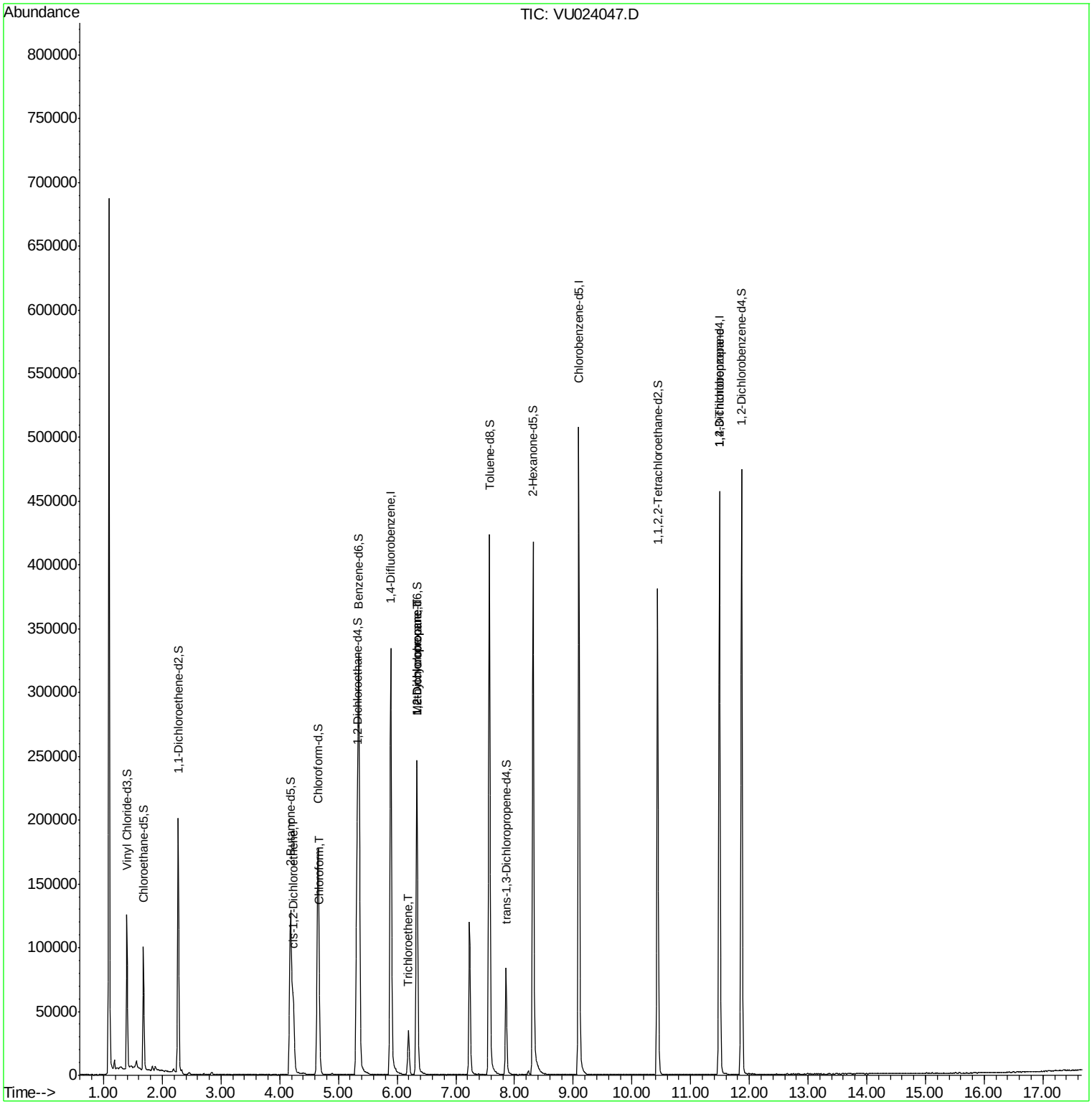
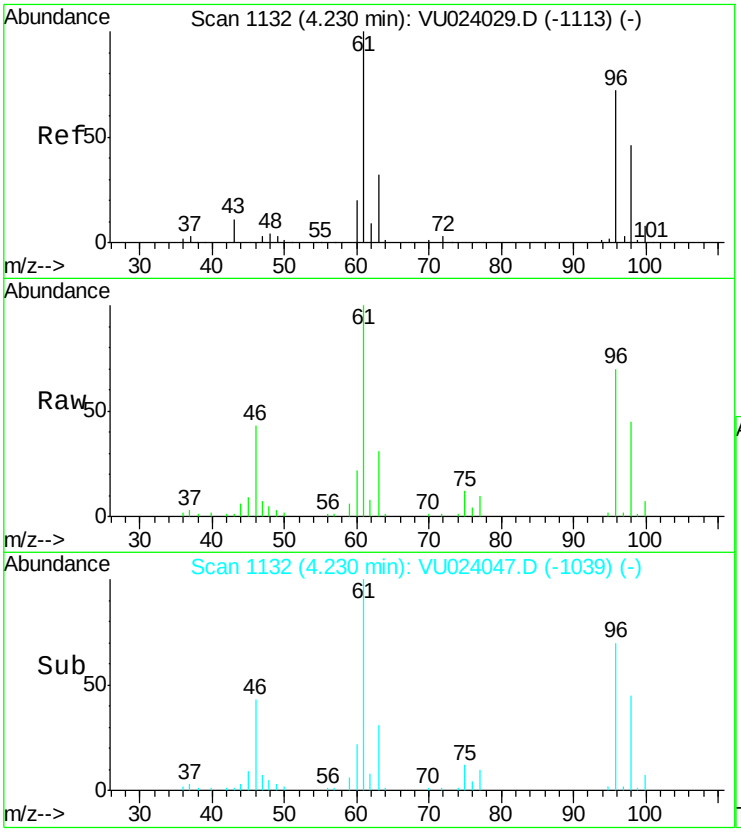
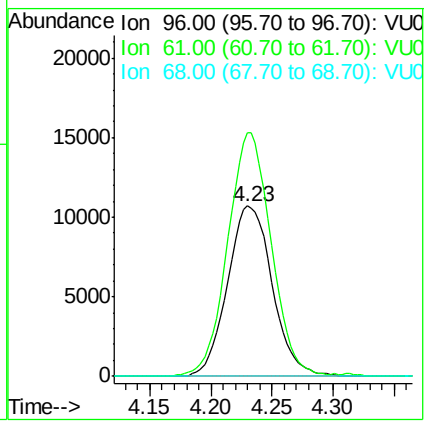


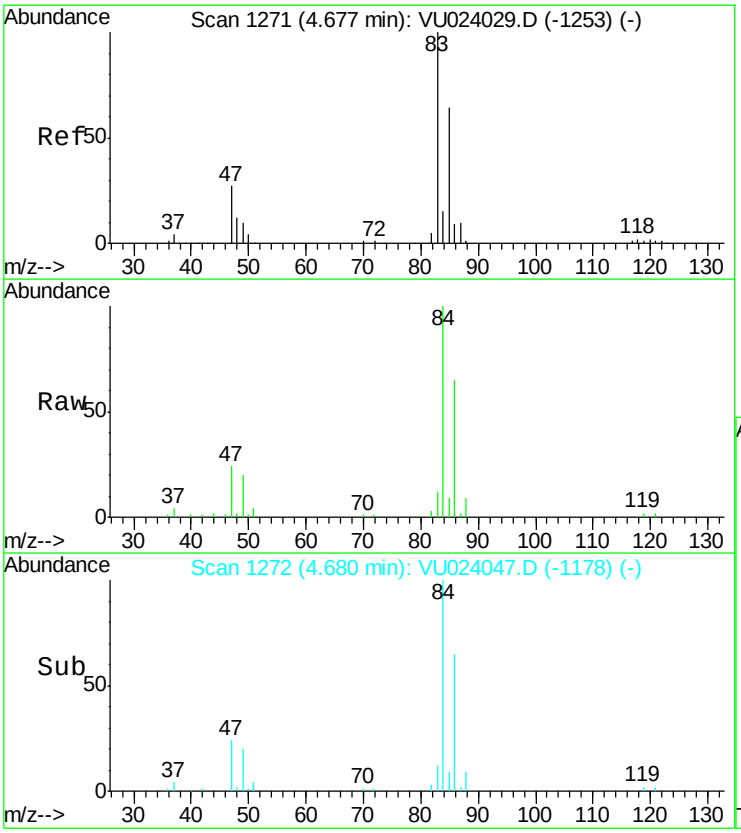


#20
cis-1,2-Dichloroethene
Concen: 11.50 ug/L
RT: 4.23 min Scan# 1132
Delta R.T. 0.00 min
Lab File: VU024047.D
Acq: 23 May 2018 19:46

Tgt Ion: 96 Resp: 27199

Ion	Ratio	Lower	Upper
96	100		
61	143.1	93.3	173.3
68	0.0	0.0	0.0

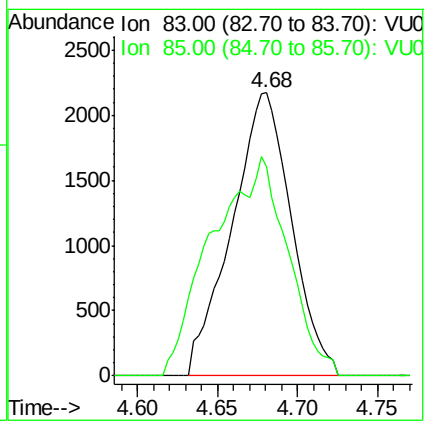


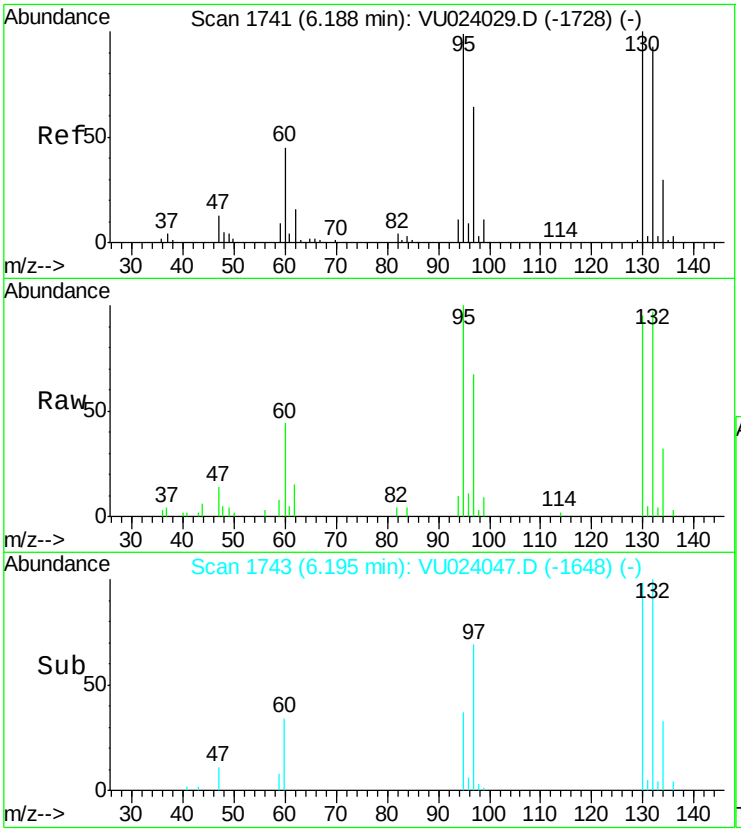


#25
Chloroform
Concen: 1.28 ug/L
RT: 4.68 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU024047.D
Acq: 23 May 2018 19:46

Tgt Ion: 83 Resp: 5564

Ion	Ratio	Lower	Upper
83	100		
85	73.9	44.4	82.5

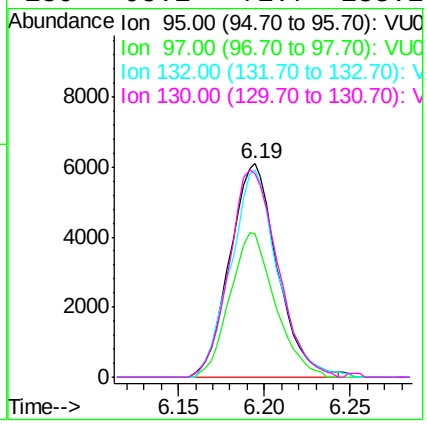


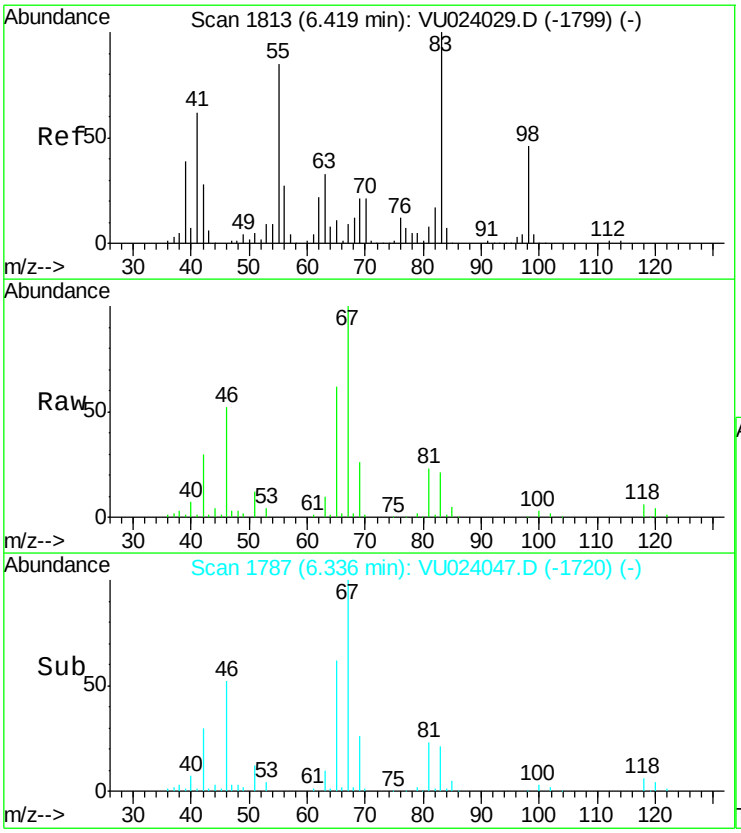


#34
Trichloroethene
Concen: 4.93 ug/L
RT: 6.19 min Scan# 1743
Delta R.T. 0.01 min
Lab File: VU024047.D
Acq: 23 May 2018 19:46

Tgt Ion: 95 Resp: 11701

Ion	Ratio	Lower	Upper
95	100		
97	66.9	45.4	84.2
132	97.2	69.0	128.1
130	95.1	71.7	133.1

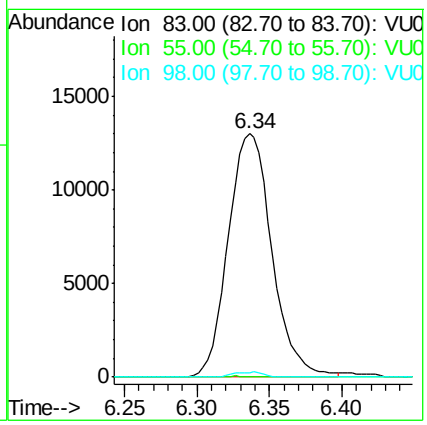


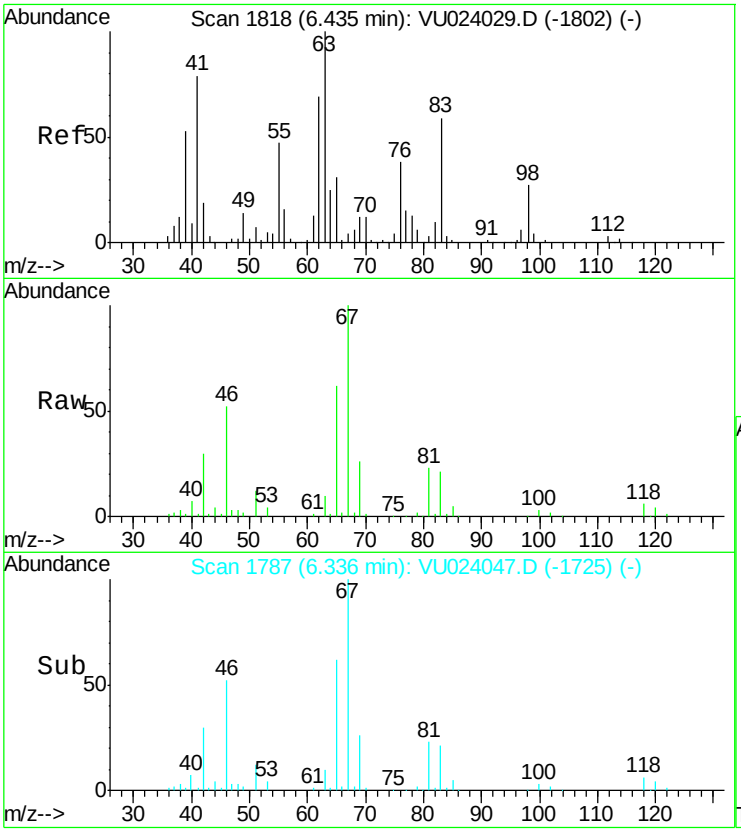


#35
Methylcyclohexane
Concen: 8.09 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.08 min
Lab File: VU024047.D
Acq: 23 May 2018 19:46

Tgt Ion: 83 Resp: 27259

Ion	Ratio	Lower	Upper
83	100		
55	0.0	67.2	100.8#
98	1.4	36.6	54.8#

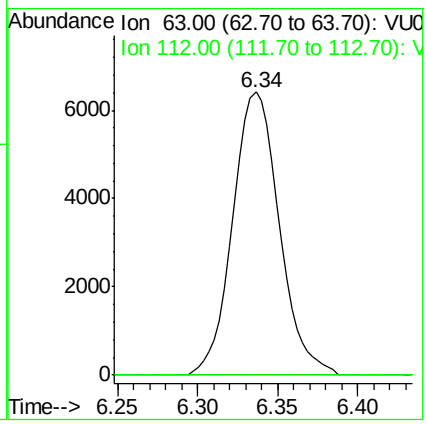


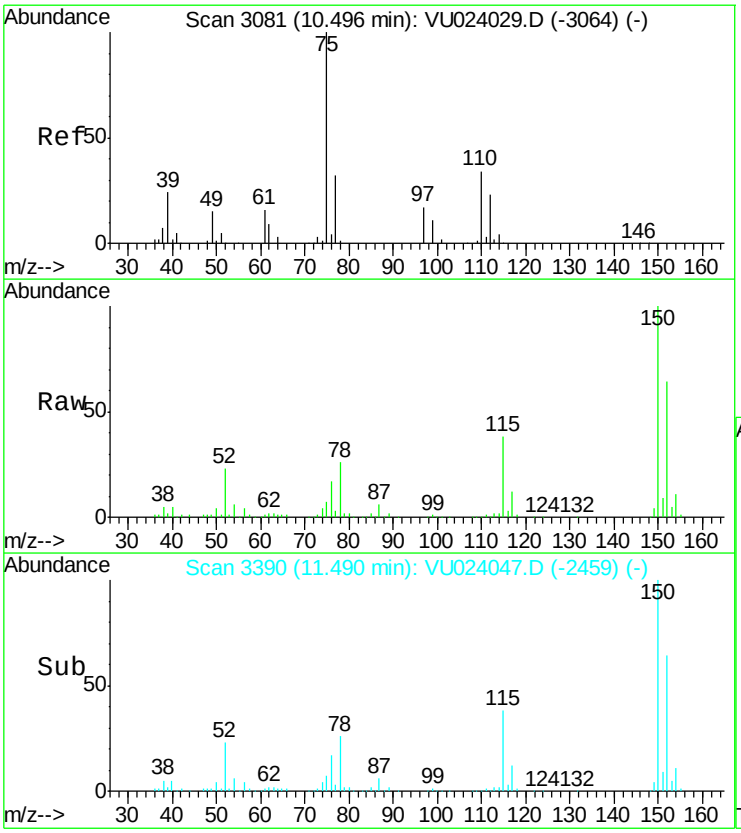


#37
1,2-Dichloropropane
Concen: 4.64 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.10 min
Lab File: VU024047.D
Acq: 23 May 2018 19:46

Tgt Ion: 63 Resp: 12772

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#





#59
1,2,3-Trichloropropane
Concen: 3.99 ug/L
RT: 11.49 min Scan# 3390
Delta R.T. 0.99 min
Lab File: VU024047.D
Acq: 23 May 2018 19:46

Tgt Ion: 75 Resp: 14267

Ion	Ratio	Lower	Upper
75	100		
77	39.5	26.2	39.4#