Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052618\
Data File : VU024149.D
Acq On : 26 May 2018 16:41
Operator : MD/SY
Sample : J3081-19DL 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 28 00:59:07 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 28 00:49:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	280329	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	259362	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	91181	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	84854	39.82	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 79.64%			
7) Chloroethane-d5	1.68	69	74752	44.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.34%			
11) 1,1-Dichloroethene-d2	2.27	63	124195	31.33	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 62.66%			
21) 2-Butanone-d5	4.18	46	164992	97.38	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 97.38%			
24) Chloroform-d	4.65	84	172501	45.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.34%			
26) 1,2-Dichloroethane-d4	5.31	65	113058	46.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.46%			
32) Benzene-d6	5.35	84	339725	47.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.66%			
36) 1,2-Dichloropropane-d6	6.34	67	118863	48.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.64%			
41) Toluene-d8	7.57	98	288537	43.37	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.74%			
43) trans-1,3-Dichloropropene-	7.85	79	43618	44.59	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.18%			
47) 2-Hexanone-d5	8.31	63	116144	98.96	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.96%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	166695	46.45	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.90%			
64) 1,2-Dichlorobenzene-d4	11.87	152	105884	52.96	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.92%			
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.23	96	53112	23.53	ug/L	99
34) Trichloroethene	6.19	95	126334	52.09	ug/L	98
35) Methylcyclohexane	6.34	83	26606	7.93	ug/L #	18
37) 1,2-Dichloropropane	6.34	63	12399	5.12	ug/L #	89
46) Tetrachloroethene	8.23	164	7574	4.46	ug/L	94
49) Dibromochloromethane	8.23	129	6857	3.03	ug/L #	11
59) 1,2,3-Trichloropropane	11.49	75	10589	3.49	ug/L	91

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

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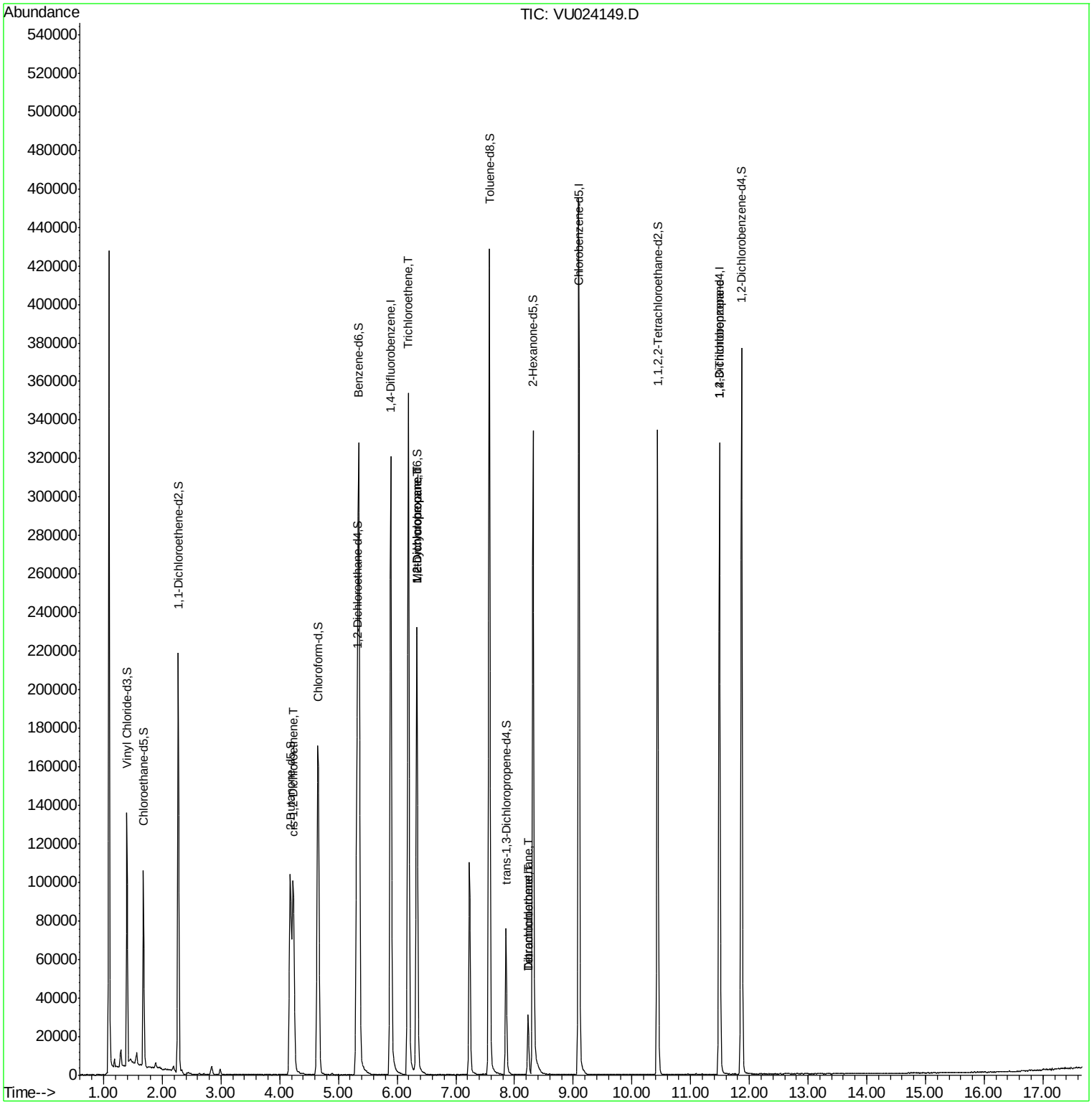
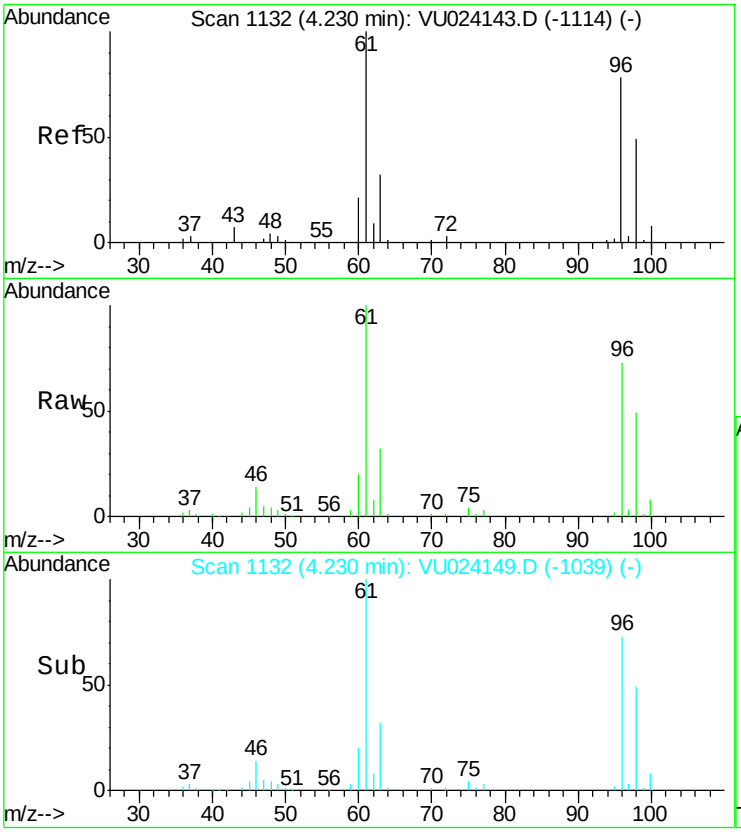
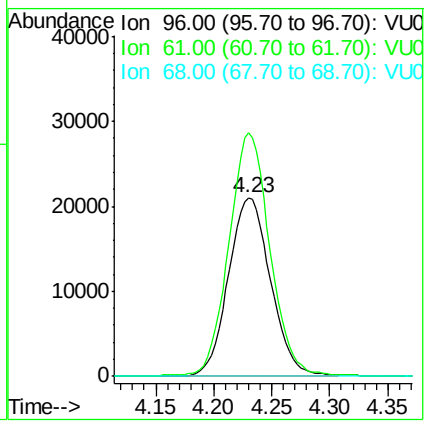


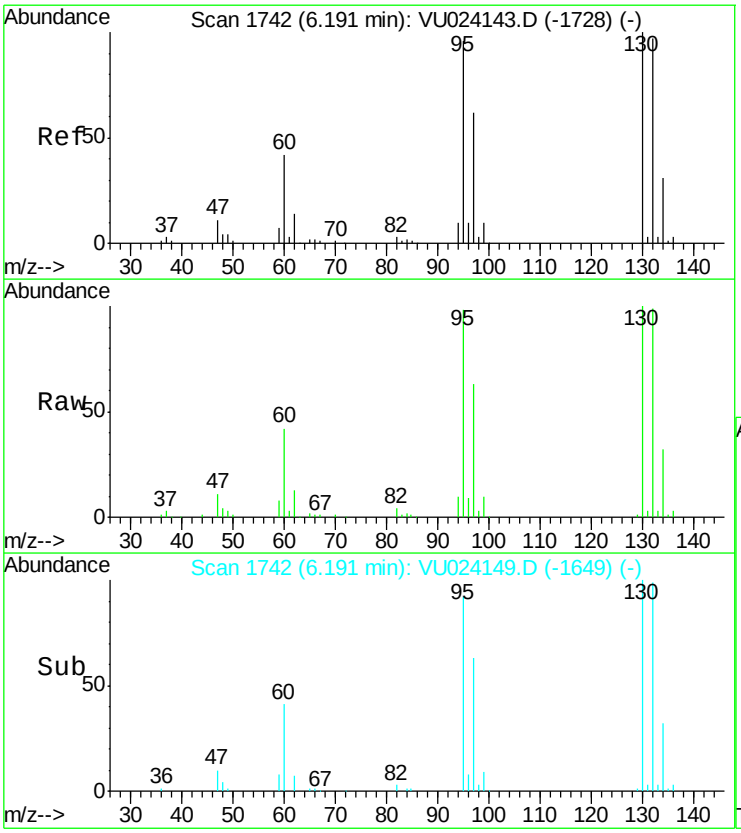


#20
cis-1,2-Dichloroethene
Concen: 23.53 ug/L
RT: 4.23 min Scan# 1132
Delta R.T. 0.00 min
Lab File: VU024149.D
Acq: 26 May 2018 16:41

Tgt Ion: 96 Resp: 53112

Ion	Ratio	Lower	Upper
96	100		
61	136.2	94.8	176.0
68	0.0	0.0	0.0

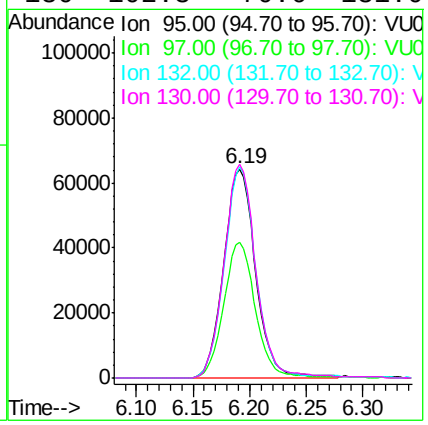


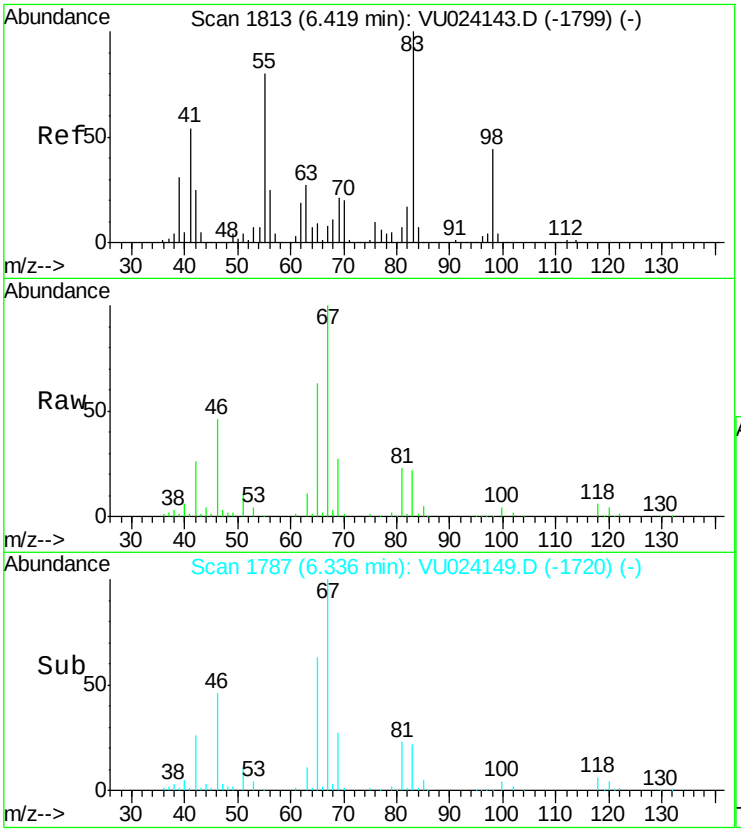


#34
Trichloroethene
Concen: 52.09 ug/L
RT: 6.19 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VU024149.D
Acq: 26 May 2018 16:41

Tgt Ion: 95 Resp: 126334

Ion	Ratio	Lower	Upper
95	100		
97	64.8	44.5	82.7
132	100.9	69.0	128.2
130	102.3	70.6	131.0

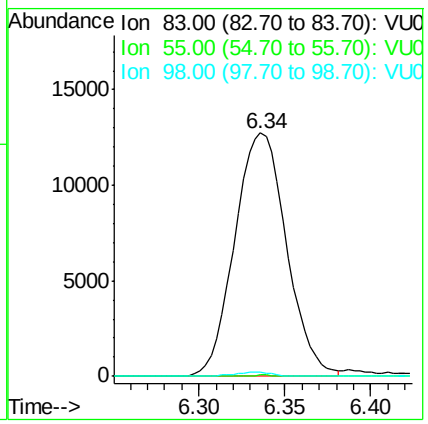


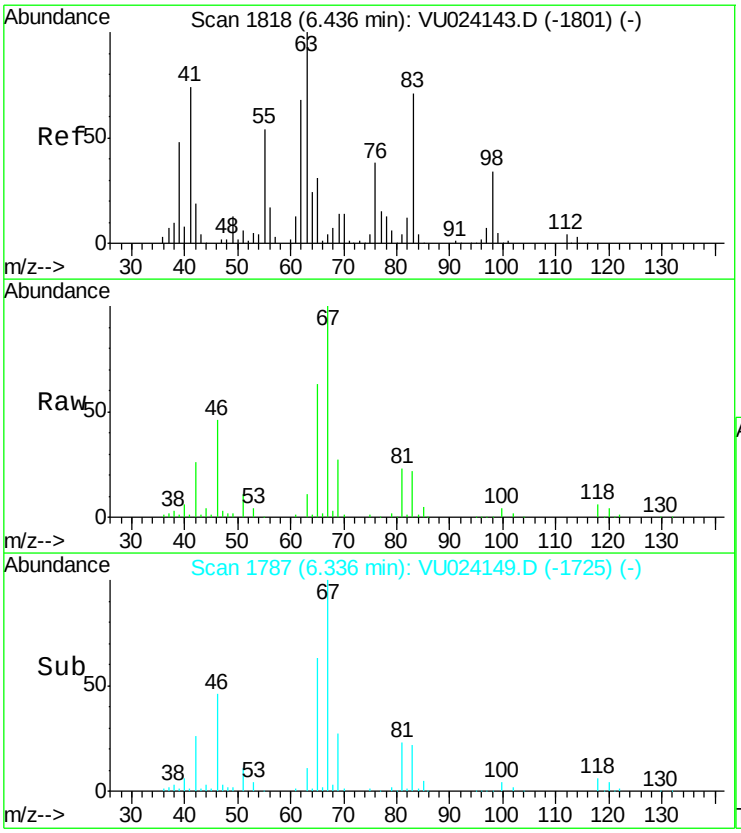


#35
Methylcyclohexane
Concen: 7.93 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.08 min
Lab File: VU024149.D
Acq: 26 May 2018 16:41

Tgt Ion: 83 Resp: 26606

Ion	Ratio	Lower	Upper
83	100		
55	0.2	64.1	96.1#
98	1.0	35.8	53.8#

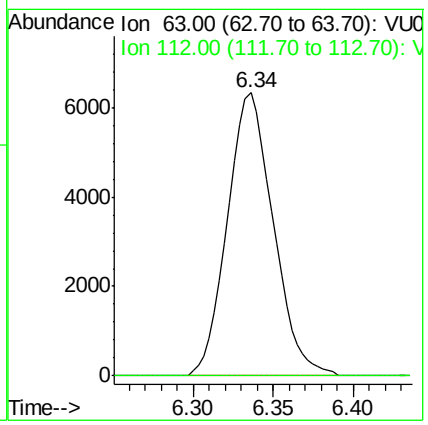


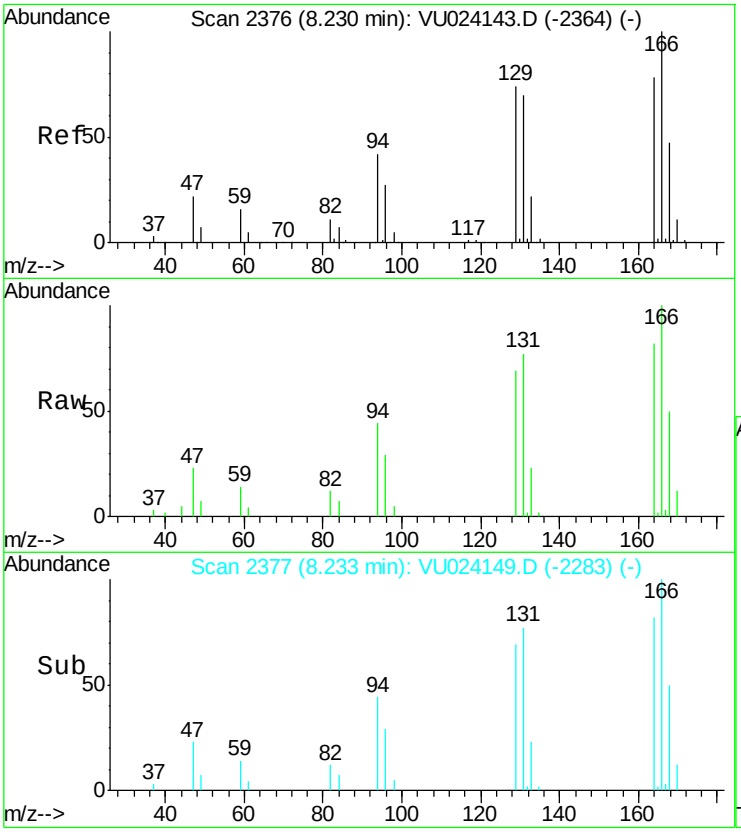


#37
1,2-Dichloropropane
Concen: 5.12 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.10 min
Lab File: VU024149.D
Acq: 26 May 2018 16:41

Tgt Ion: 63 Resp: 12399

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#

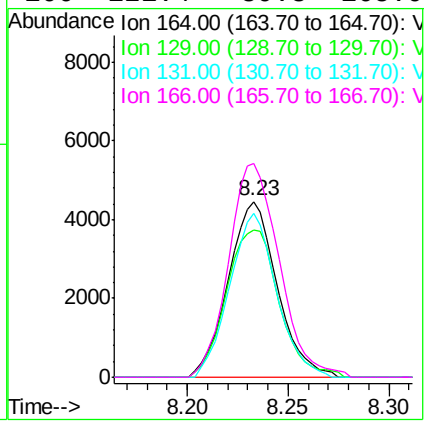


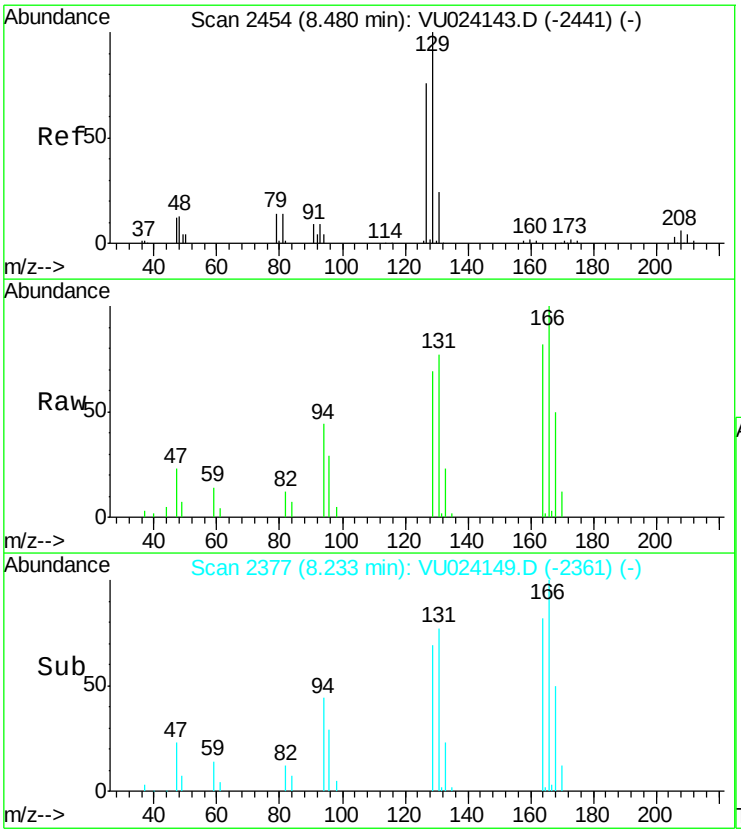


#46
Tetrachloroethene
Concen: 4.46 ug/L
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU024149.D
Acq: 26 May 2018 16:41

Tgt Ion:164 Resp: 7574

Ion	Ratio	Lower	Upper
164	100		
129	84.0	66.6	123.6
131	93.1	64.5	119.9
166	121.4	89.3	165.9

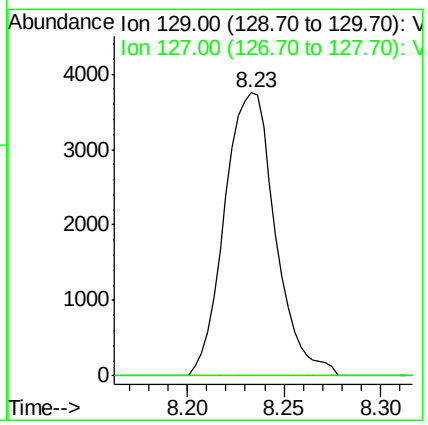


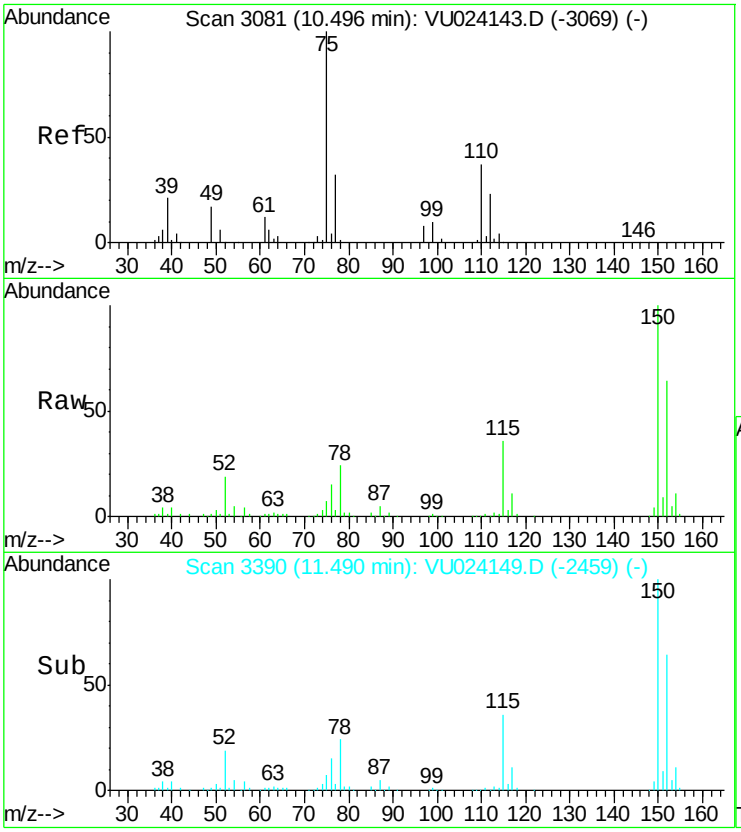


#49
Dibromochloromethane
Concen: 3.03 ug/L
RT: 8.23 min Scan# 2377
Delta R.T. -0.25 min
Lab File: VU024149.D
Acq: 26 May 2018 16:41

Tgt Ion:129 Resp: 6857

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.2	100.6#





#59
1,2,3-Trichloropropane
Concen: 3.49 ug/L
RT: 11.49 min Scan# 3390
Delta R.T. 0.99 min
Lab File: VU024149.D
Acq: 26 May 2018 16:41

Tgt Ion: 75 Resp: 10589

Ion	Ratio	Lower	Upper
75	100		
77	37.0	25.5	38.3