Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052718\
Data File : VU024203.D
Acq On : 27 May 2018 21:20
Operator : MD/SY
Sample : J3091-06 200X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 28 04:22:35 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 28 04:17:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	303473	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	287942	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	99506	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	108580	47.06	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 94.12%			
7) Chloroethane-d5	1.68	69	91266	49.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.64%			
11) 1,1-Dichloroethene-d2	2.27	63	151950	35.41	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.82%			
21) 2-Butanone-d5	4.18	46	165812	90.40	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 90.40%			
24) Chloroform-d	4.65	84	191296	46.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.54%			
26) 1,2-Dichloroethane-d4	5.31	65	128382	49.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.04%			
32) Benzene-d6	5.35	84	392233	49.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.44%			
36) 1,2-Dichloropropane-d6	6.34	67	135152	49.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.96%			
41) Toluene-d8	7.57	98	337984	45.76	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.52%			
43) trans-1,3-Dichloropropene-	7.85	79	47210	43.47	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.94%			
47) 2-Hexanone-d5	8.31	63	110751	85.00	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 85.00%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	176356	44.26	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 88.52%			
64) 1,2-Dichlorobenzene-d4	11.86	152	114370	52.42	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.84%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.89	101	5938	1.61	ug/L	100
34) Trichloroethene	6.19	95	290367	107.84	ug/L	98
37) 1,2-Dichloropropane	6.34	63	13510	5.03	ug/L #	89
46) Tetrachloroethene	8.23	164	4869	2.58	ug/L	96
49) Dibromochloromethane	8.23	129	4479	1.78	ug/L #	11
59) 1,2,3-Trichloropropane	11.49	75	11412	3.39	ug/L	92

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

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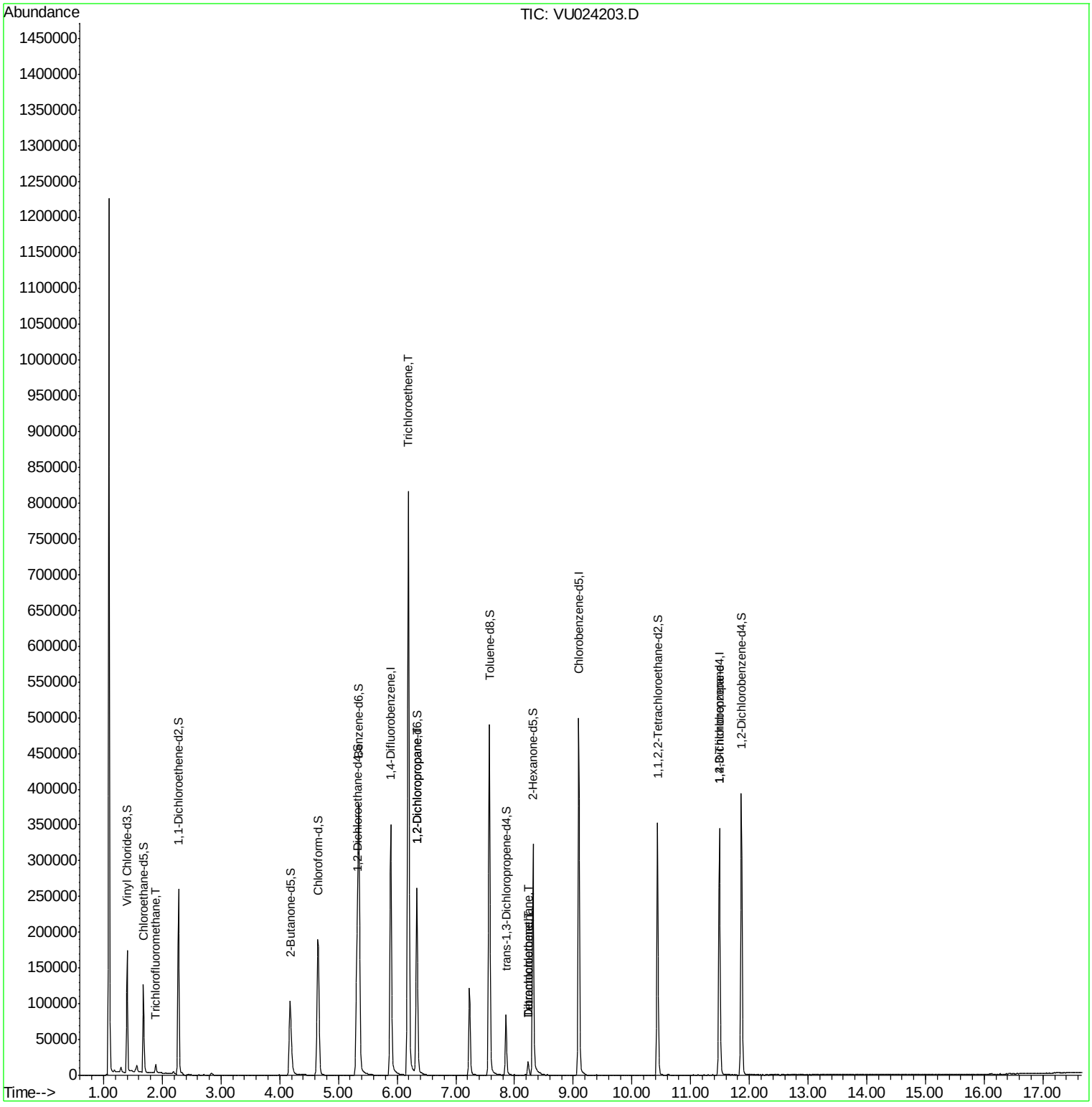
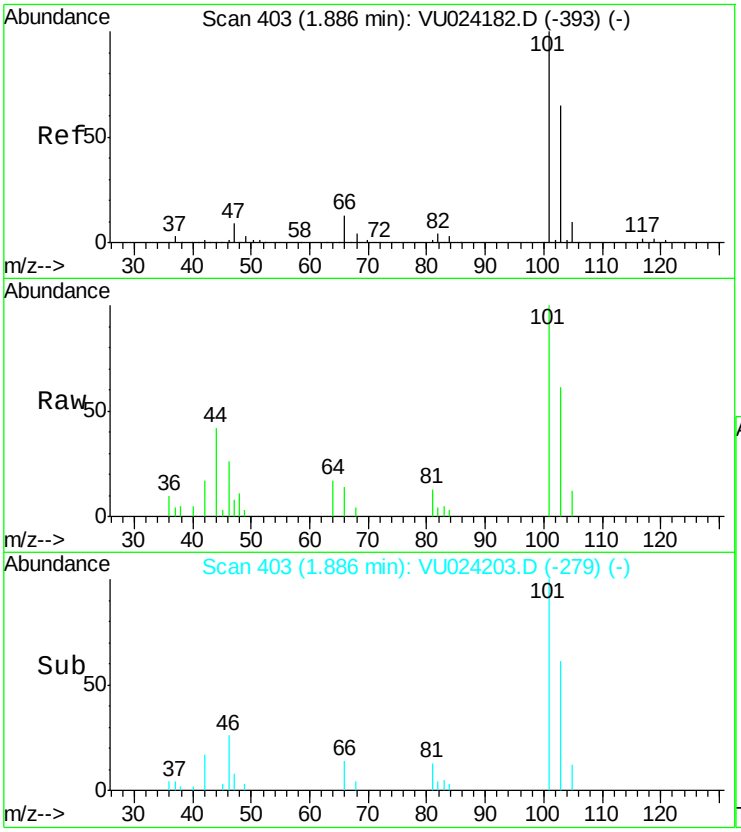
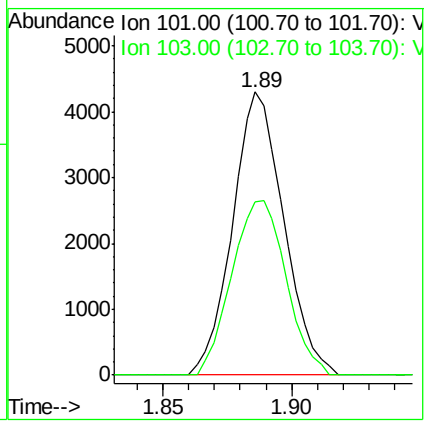


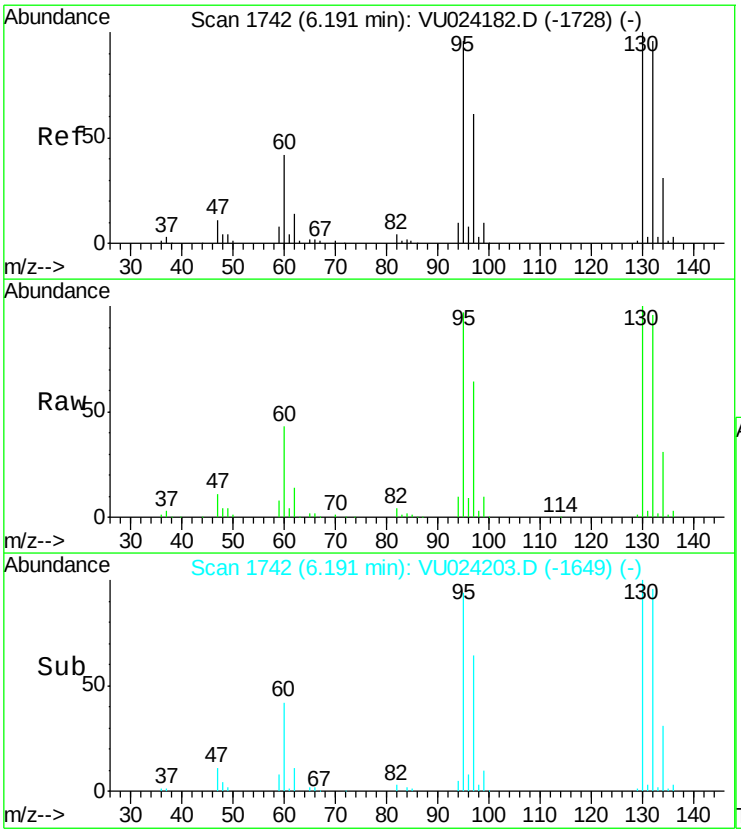


#9
Trichlorofluoromethane
Concen: 1.61 ug/L
RT: 1.89 min Scan# 403
Delta R.T. -0.00 min
Lab File: VU024203.D
Acq: 27 May 2018 21:20

Tgt Ion:101 Resp: 5938

Ion	Ratio	Lower	Upper
101	100		
103	65.1	52.1	78.1

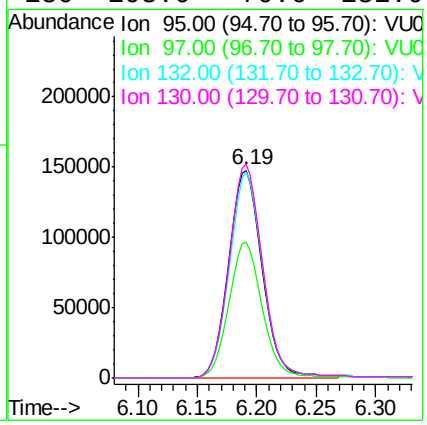


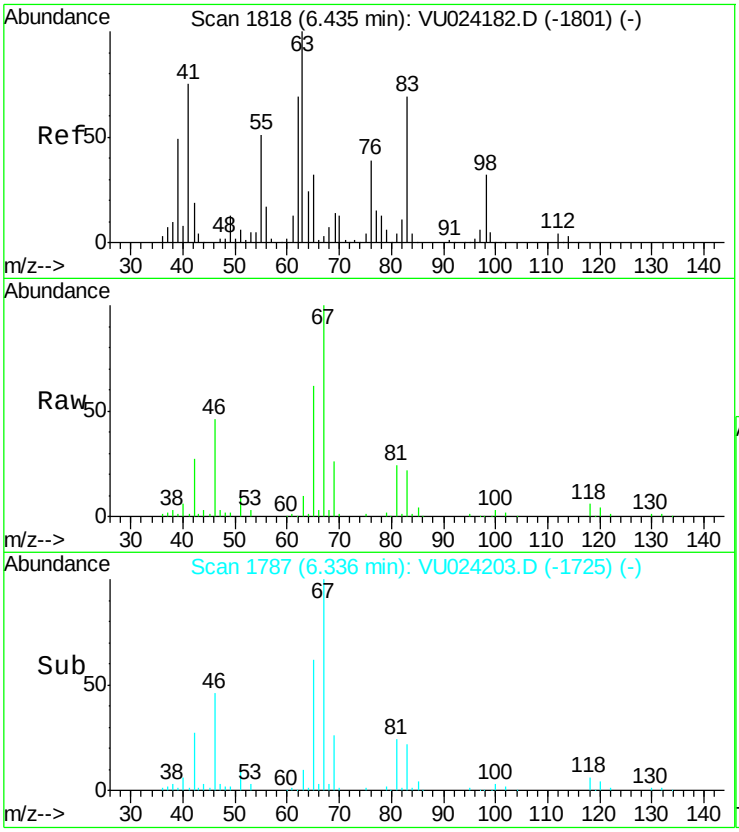


#34
Trichloroethene
Concen: 107.84 ug/L
RT: 6.19 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VU024203.D
Acq: 27 May 2018 21:20

Tgt Ion: 95 Resp: 290367

Ion	Ratio	Lower	Upper
95	100		
97	65.5	44.5	82.7
132	99.2	69.0	128.2
130	103.0	70.6	131.0

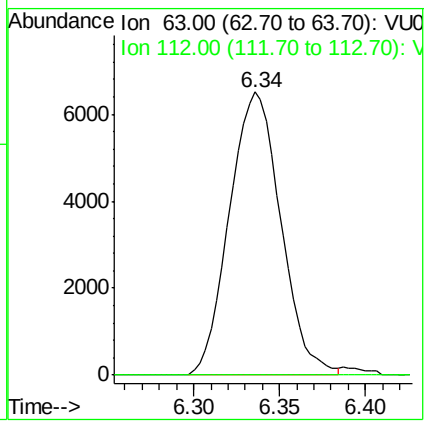


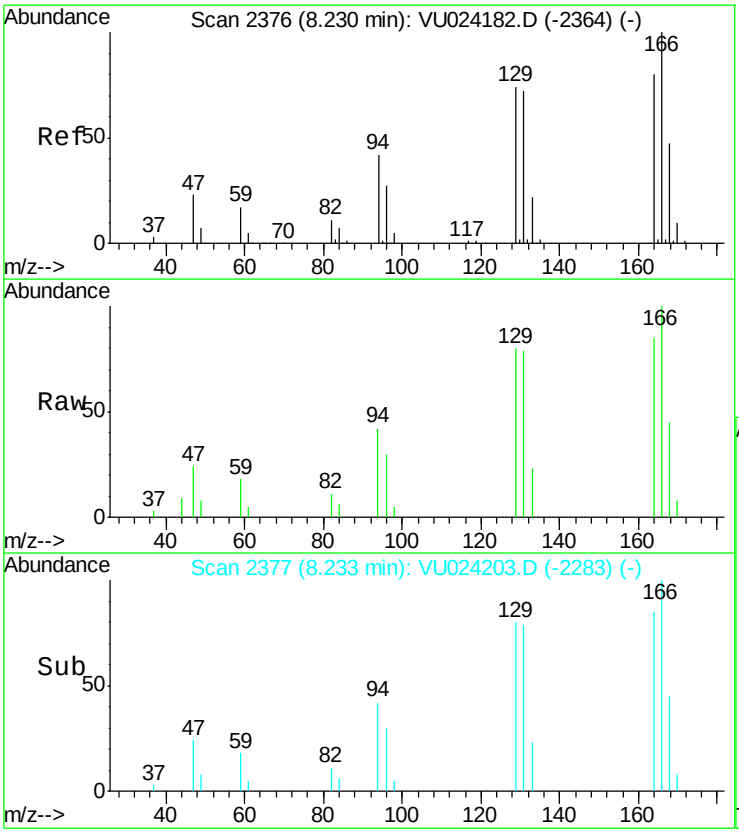


#37
1,2-Dichloropropane
Concen: 5.03 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.10 min
Lab File: VU024203.D
Acq: 27 May 2018 21:20

Tgt Ion: 63 Resp: 13510

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#

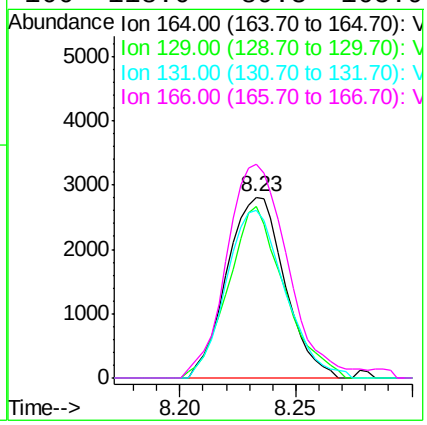


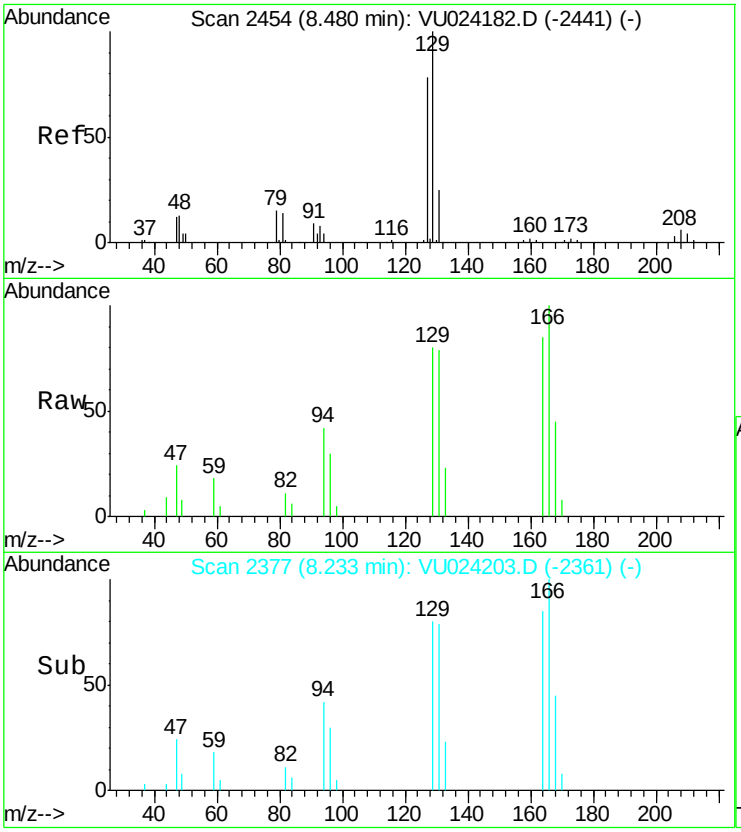


#46
Tetrachloroethene
Concen: 2.58 ug/L
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU024203.D
Acq: 27 May 2018 21:20

Tgt Ion:164 Resp: 4869

Ion	Ratio	Lower	Upper
164	100		
129	94.7	66.6	123.6
131	92.7	64.5	119.9
166	118.0	89.3	165.9

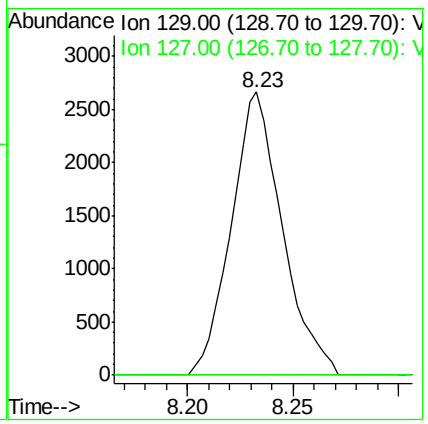


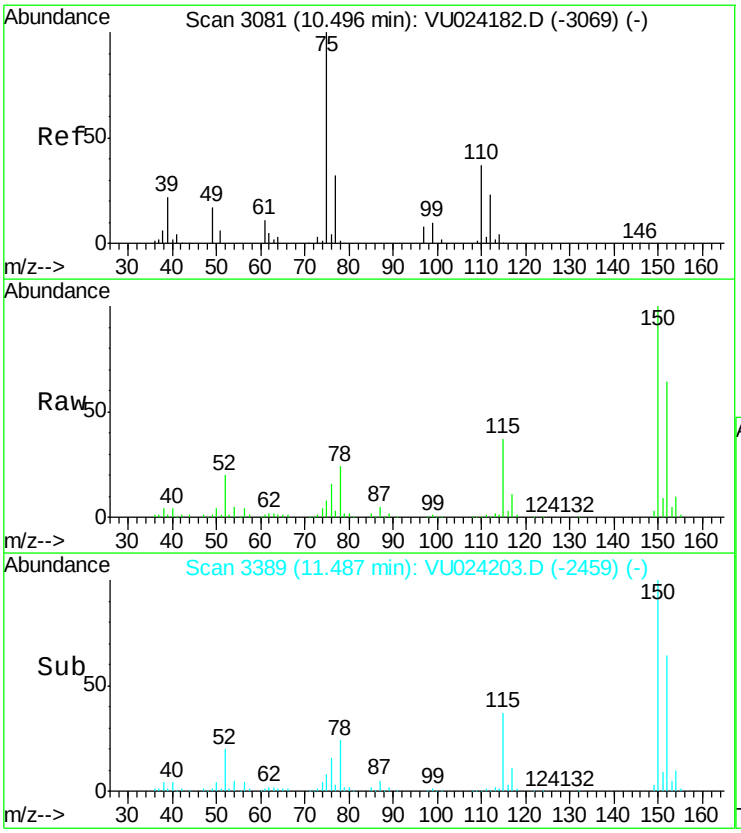


#49
Dibromochloromethane
Concen: 1.78 ug/L
RT: 8.23 min Scan# 2377
Delta R.T. -0.25 min
Lab File: VU024203.D
Acq: 27 May 2018 21:20

Tgt Ion:129 Resp: 4479

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.2	100.6#





#59
1,2,3-Trichloropropane
Concen: 3.39 ug/L
RT: 11.49 min Scan# 3389
Delta R.T. 0.99 min
Lab File: VU024203.D
Acq: 27 May 2018 21:20

Tgt Ion: 75 Resp: 11412

Ion	Ratio	Lower	Upper
75	100		
77	36.6	25.5	38.3