Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052318\
Data File : VU024043.D
Acq On : 23 May 2018 18:02
Operator : MD/SY
Sample : J3088-10 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 24 04:17:22 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	288964	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	287424	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	123477	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	77270	28.78	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 57.56%#			
7) Chloroethane-d5	1.68	69	69704	32.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 65.88%#			
11) 1,1-Dichloroethene-d2	2.27	63	120656	24.49	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 48.98%#			
21) 2-Butanone-d5	4.18	46	205065	109.74	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 109.74%			
24) Chloroform-d	4.65	84	175097	42.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.44%			
26) 1,2-Dichloroethane-d4	5.31	65	124769	46.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.54%			
32) Benzene-d6	5.35	84	332005	39.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 79.14%			
36) 1,2-Dichloropropane-d6	6.34	67	123666	43.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 87.28%			
41) Toluene-d8	7.57	98	287783	37.23	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 74.46%#			
43) trans-1,3-Dichloropropene-	7.85	79	48848	40.98	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.96%			
47) 2-Hexanone-d5	8.32	63	137375	105.16	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.16%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	190685	47.78	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.56%			
64) 1,2-Dichlorobenzene-d4	11.87	152	128051	48.02	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.04%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.89	101	4953	1.25	ug/L	96
25) Chloroform	4.68	83	6106	1.34	ug/L	89
46) Tetrachloroethene	8.23	164	16588	8.41	ug/L	97
48) 2-Hexanone	8.31	43	17746	5.54	ug/L #	68
49) Dibromochloromethane	8.23	129	15886	5.94	ug/L #	11
59) 1,2,3-Trichloropropane	11.49	75	14974	4.12	ug/L	93

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

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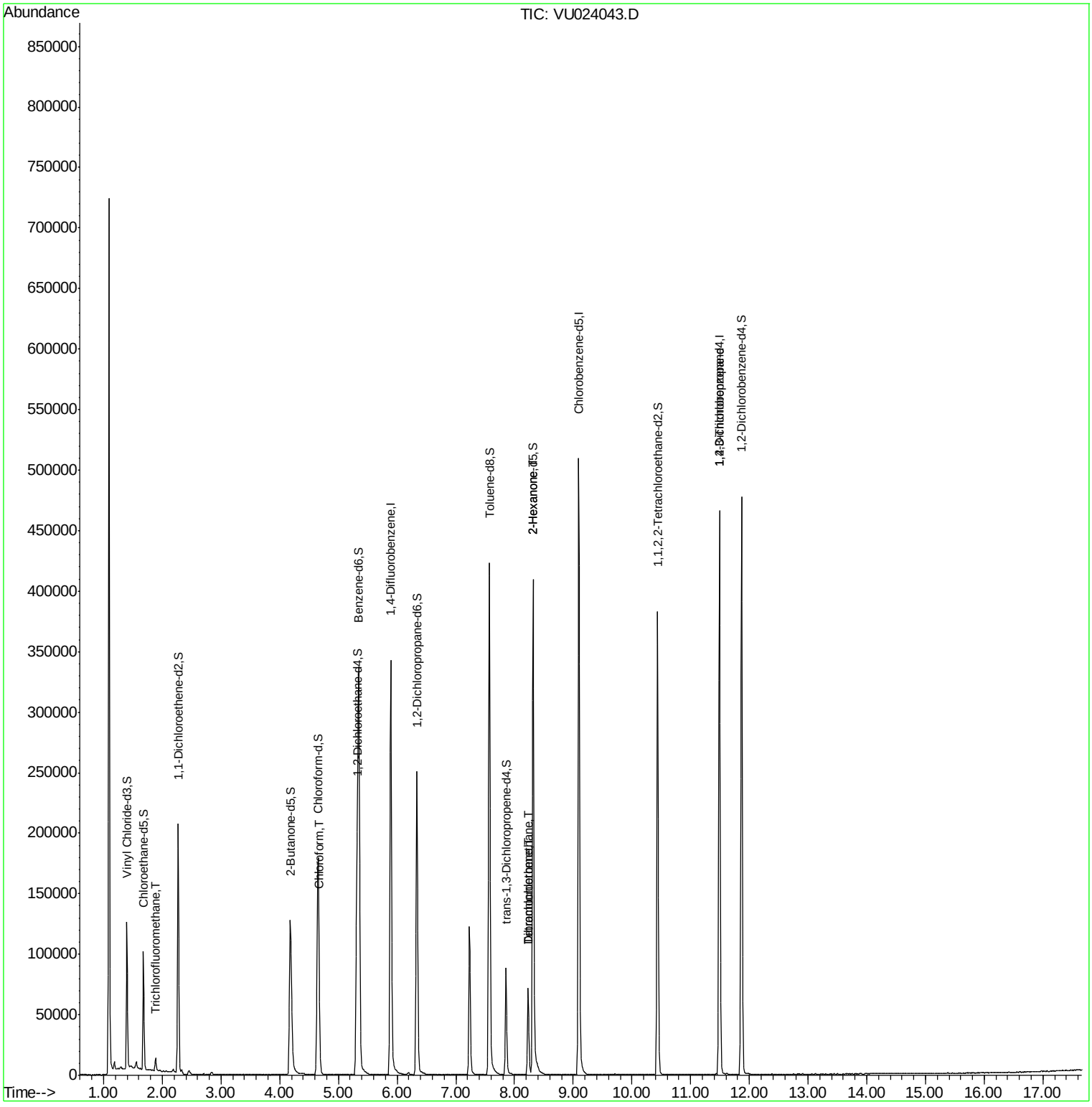
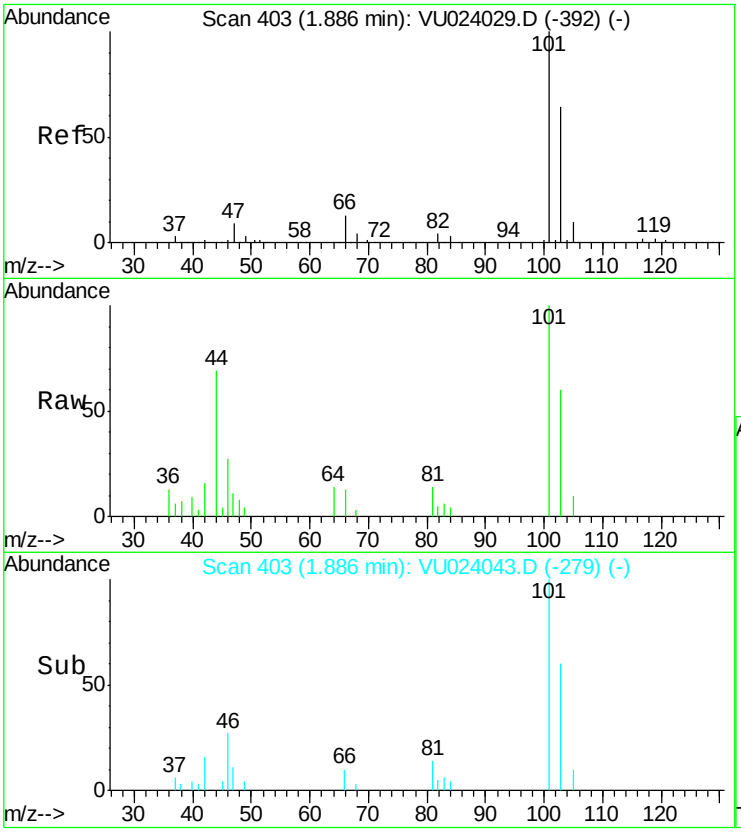
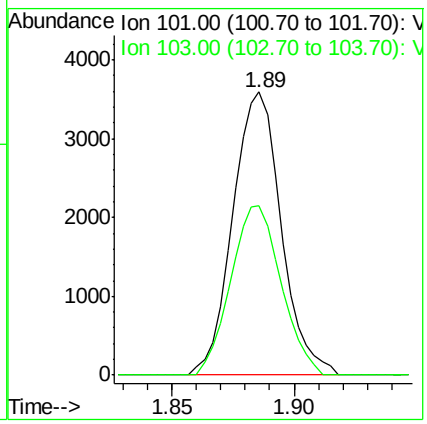


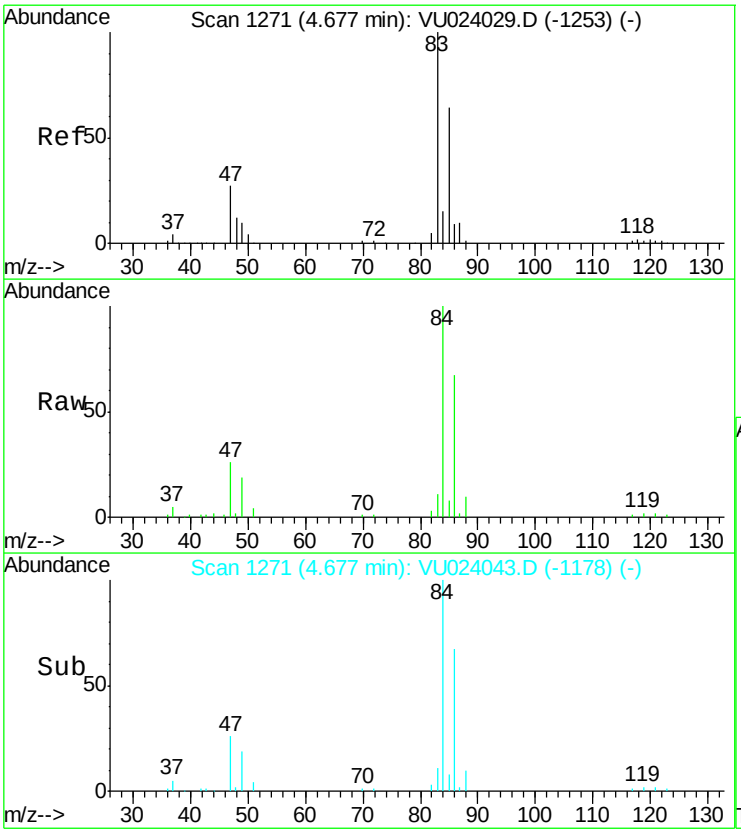


#9
Trichlorofluoromethane
Concen: 1.25 ug/L
RT: 1.89 min Scan# 403
Delta R.T. 0.00 min
Lab File: VU024043.D
Acq: 23 May 2018 18:02

Tgt Ion:101 Resp: 4953

Ion	Ratio	Lower	Upper
101	100		
103	61.9	51.8	77.8

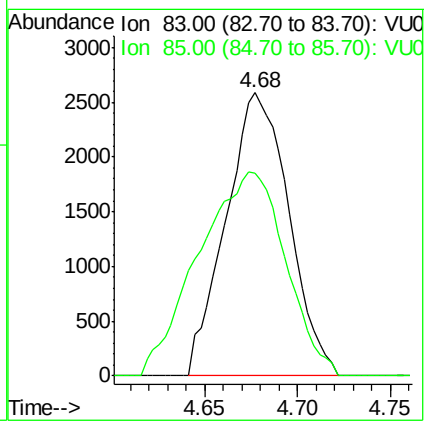


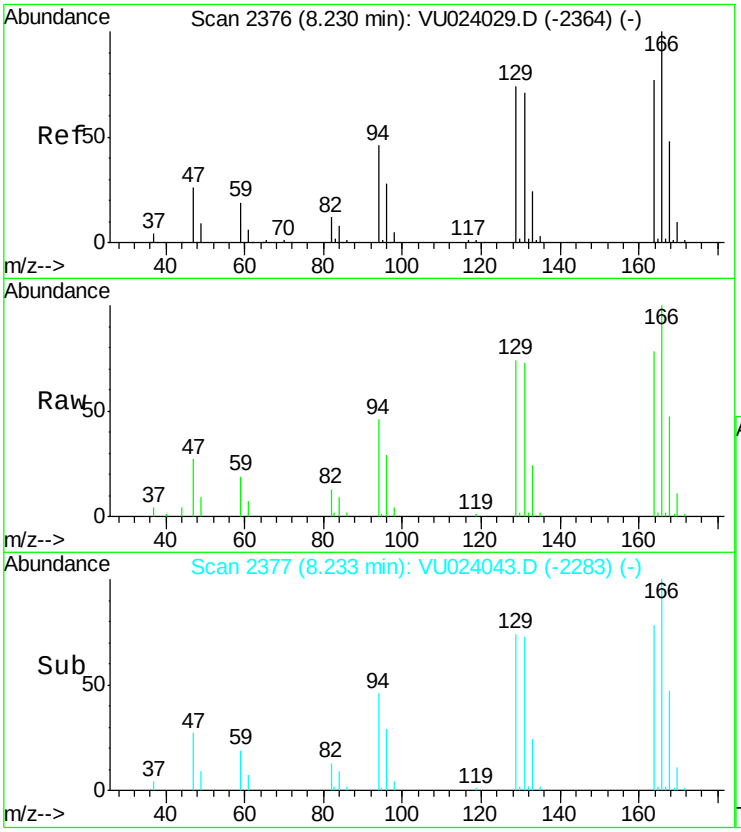


#25
Chloroform
Concen: 1.34 ug/L
RT: 4.68 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU024043.D
Acq: 23 May 2018 18:02

Tgt Ion: 83 Resp: 6106

Ion	Ratio	Lower	Upper
83	100		
85	71.7	44.4	82.5

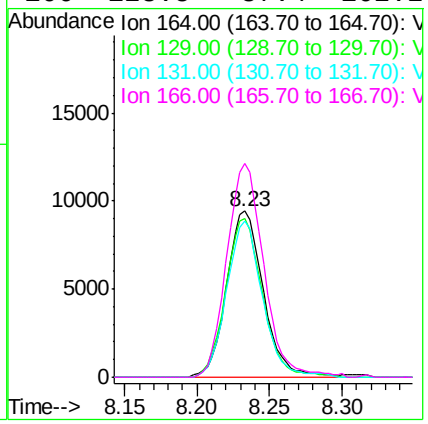


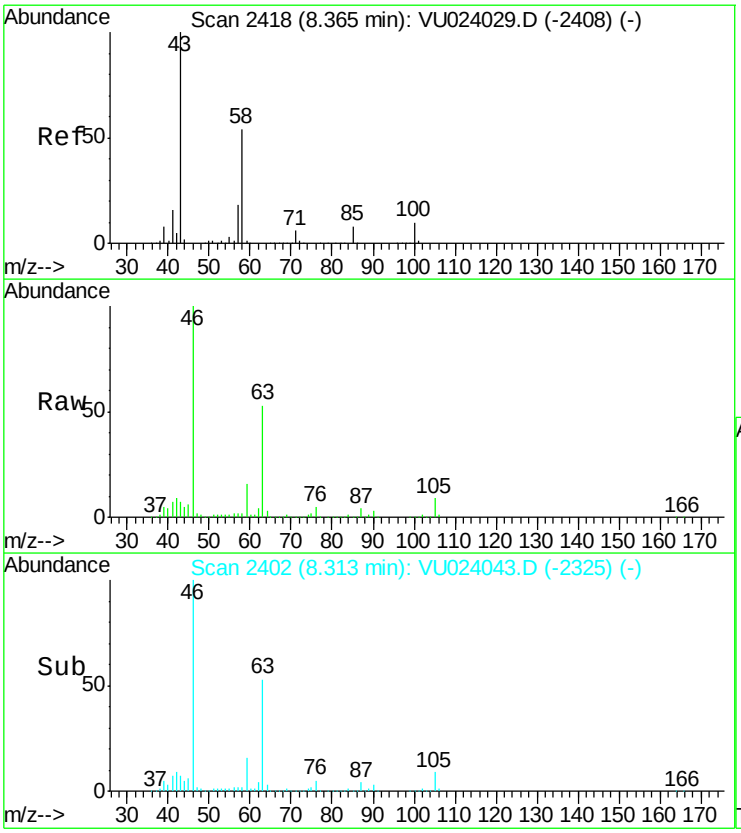


#46
Tetrachloroethene
Concen: 8.41 ug/L
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU024043.D
Acq: 23 May 2018 18:02

Tgt Ion:164 Resp: 16588

Ion	Ratio	Lower	Upper
164	100		
129	95.3	65.3	121.3
131	93.8	63.0	117.0
166	128.5	87.4	162.2

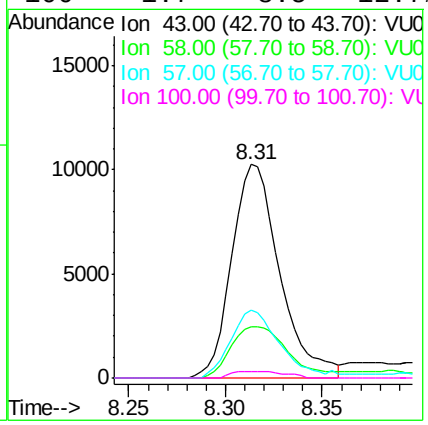


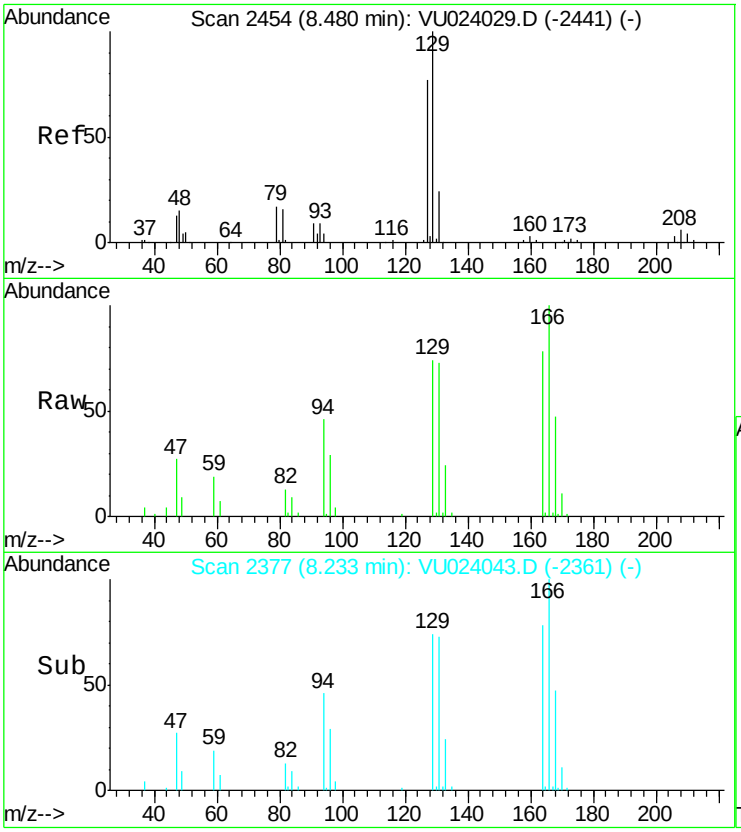


#48
2-Hexanone
Concen: 5.54 ug/L
RT: 8.31 min Scan# 2402
Delta R.T. -0.05 min
Lab File: VU024043.D
Acq: 23 May 2018 18:02

Tgt Ion: 43 Resp: 17746

Ion	Ratio	Lower	Upper
43	100		
58	28.2	42.6	63.8#
57	31.9	14.9	22.3#
100	1.7	8.5	12.7#

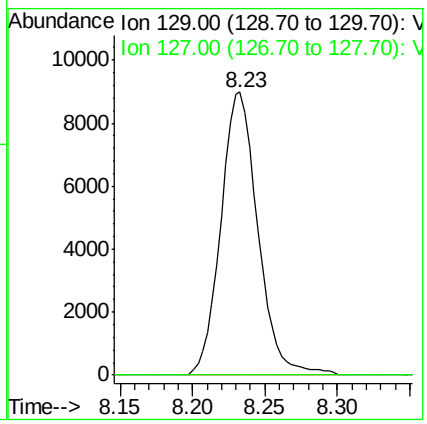


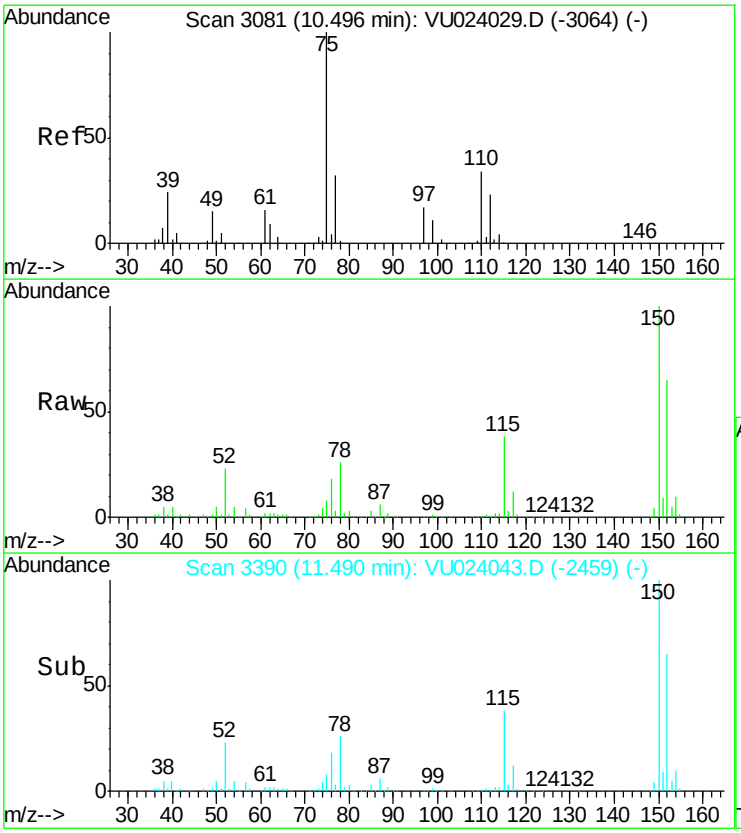


#49
Dibromochloromethane
Concen: 5.94 ug/L
RT: 8.23 min Scan# 2377
Delta R.T. -0.25 min
Lab File: VU024043.D
Acq: 23 May 2018 18:02

Tgt Ion:129 Resp: 15886

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.5	99.5#





#59
1,2,3-Trichloropropane
Concen: 4.12 ug/L
RT: 11.49 min Scan# 3390
Delta R.T. 0.99 min
Lab File: VU024043.D
Acq: 23 May 2018 18:02

Tgt Ion: 75 Resp: 14974

Ion	Ratio	Lower	Upper
75	100		
77	36.8	26.2	39.4