Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU053018\

Quantitation Report (Not Reviewed)

Data File : VU024238.D
Acq On : 30 May 2018 13:51
Operator : MD/SY
Sample : J3088-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 31 03:53:44 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 31 03:53:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	304095	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	291122	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	114305	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	86343	37.35	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 74.70%			
7) Chloroethane-d5	1.66	69	79300	43.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 86.40%			
11) 1,1-Dichloroethene-d2	2.27	63	128984	29.99	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 59.98%#			
21) 2-Butanone-d5	4.18	46	175581	95.53	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 95.53%			
24) Chloroform-d	4.65	84	188412	45.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.96%			
26) 1,2-Dichloroethane-d4	5.31	65	127434	48.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.12%			
32) Benzene-d6	5.34	84	365967	45.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.84%			
36) 1,2-Dichloropropane-d6	6.33	67	131294	47.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.10%			
41) Toluene-d8	7.57	98	309142	41.40	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 82.80%			
43) trans-1,3-Dichloropropene-	7.85	79	48180	43.88	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.76%			
47) 2-Hexanone-d5	8.31	63	129878	98.59	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.59%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	192403	47.76	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.52%			
64) 1,2-Dichlorobenzene-d4	11.87	152	125981	50.27	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.54%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.88	101	276412	74.94	ug/L	100
13) Acetone	2.32	43	29210	18.24	ug/L	100
22) 2-Butanone	4.28	43	2728	1.30	ug/L	81
31) Carbon tetrachloride	5.14	117	7357	2.43	ug/L	99
34) Trichloroethene	6.19	95	12085	4.44	ug/L	97
46) Tetrachloroethene	8.23	164	1031934	541.85	ug/L	98
48) 2-Hexanone	8.31	43	14867	5.11	ug/L #	66
59) 1,2,3-Trichloropropane	11.49	75	12871	3.78	ug/L	91

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

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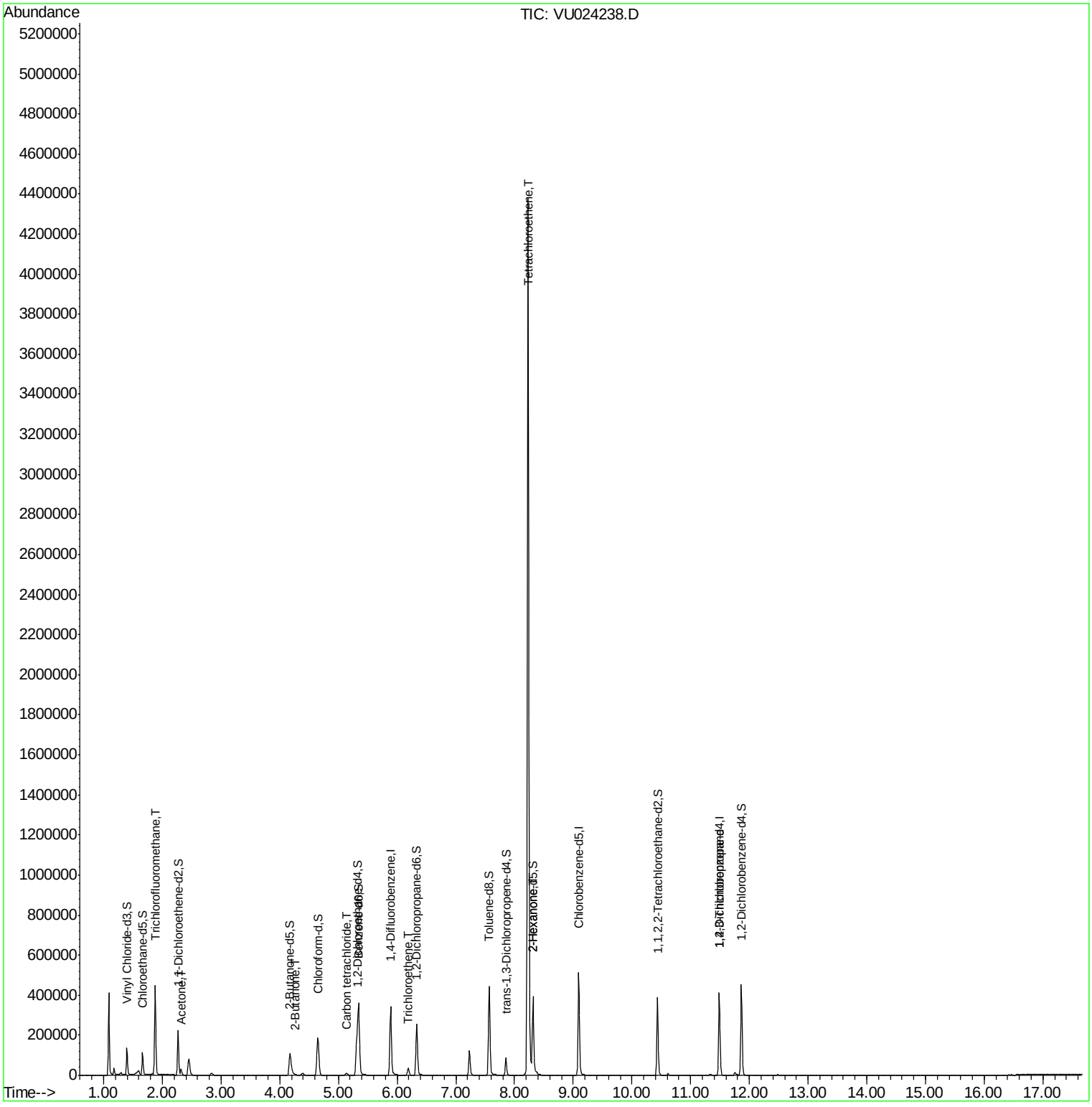
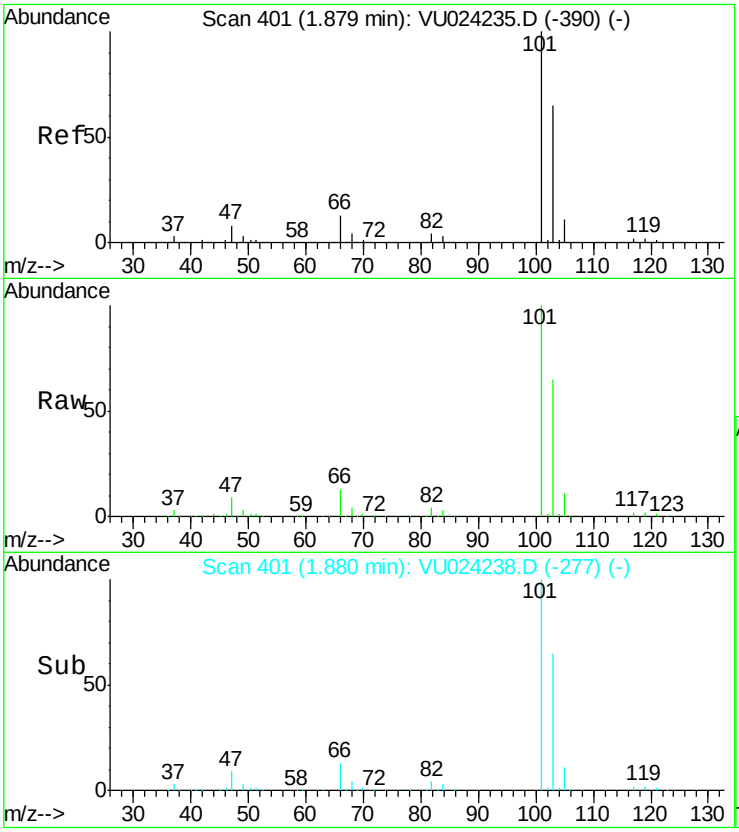
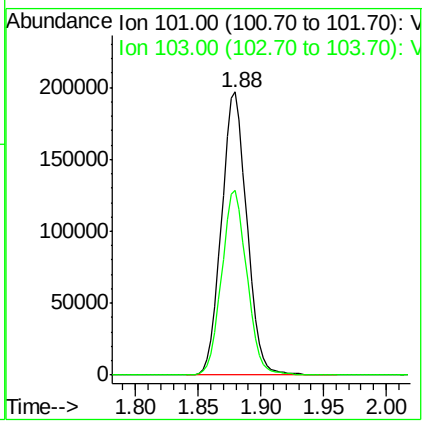


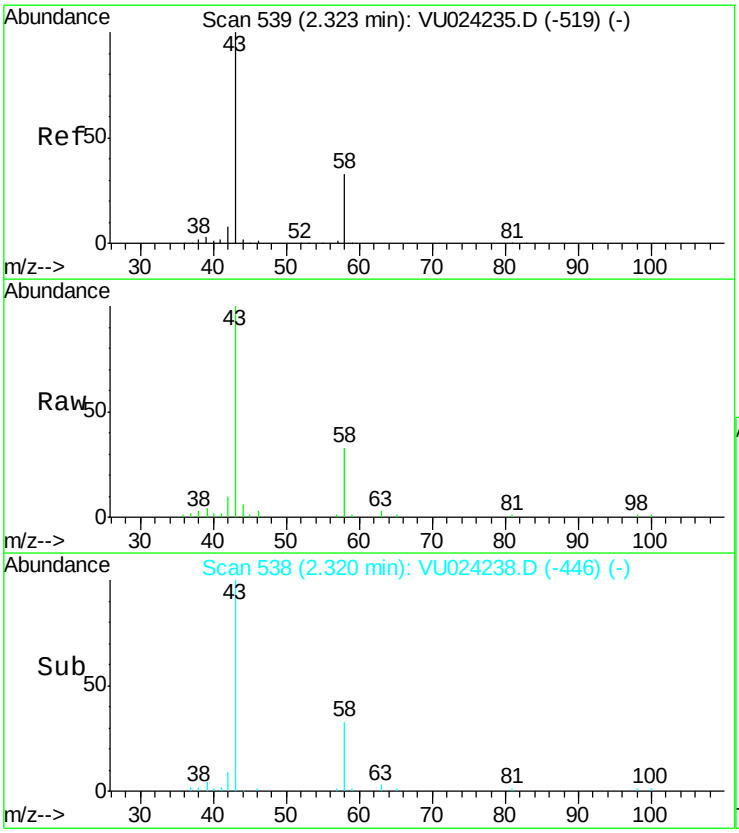


#9
Trichlorofluoromethane
Concen: 74.94 ug/L
RT: 1.88 min Scan# 401
Delta R.T. 0.00 min
Lab File: VU024238.D
Acq: 30 May 2018 13:51

Tgt Ion:101 Resp: 276412

Ion	Ratio	Lower	Upper
101	100		
103	65.0	52.1	78.1

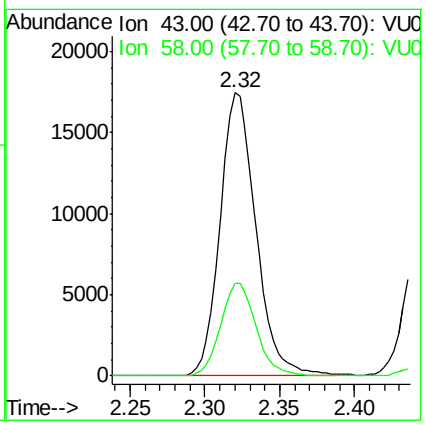


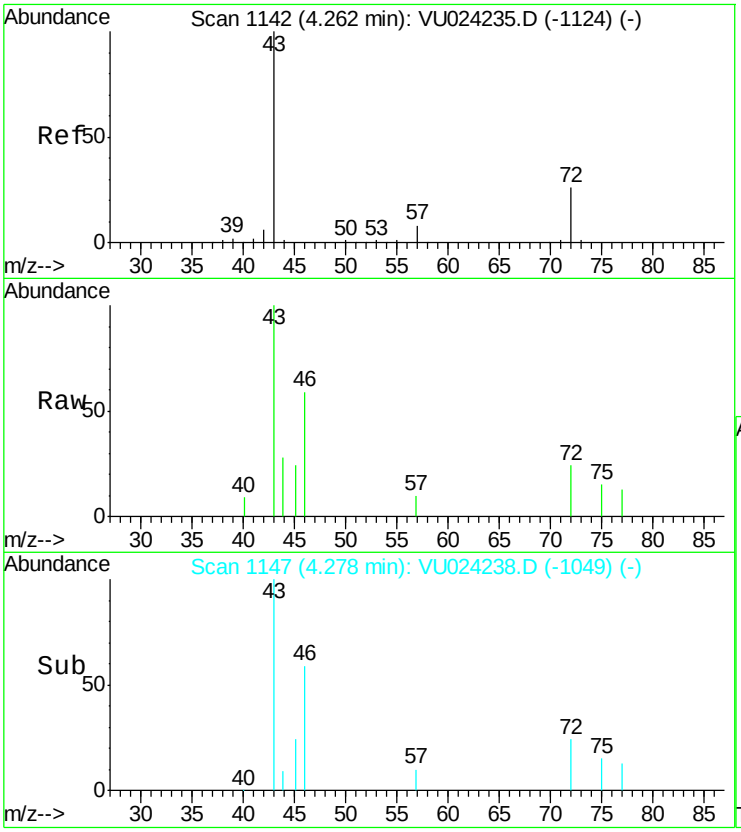


#13
Acetone
Concen: 18.24 ug/L
RT: 2.32 min Scan# 538
Delta R.T. -0.00 min
Lab File: VU024238.D
Acq: 30 May 2018 13:51

Tgt Ion: 43 Resp: 29210

Ion	Ratio	Lower	Upper
43	100		
58	32.4	0.0	64.4

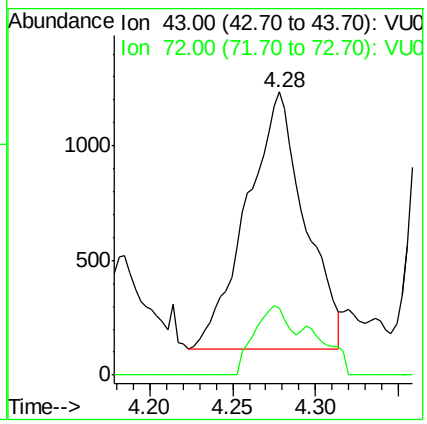


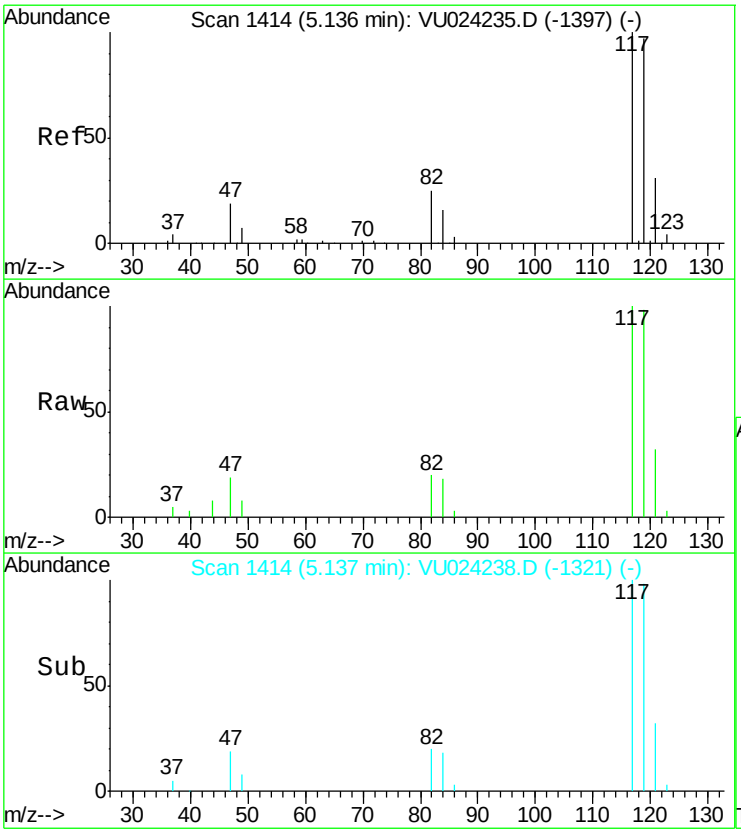


#22
2-Butanone
Concen: 1.30 ug/L
RT: 4.28 min Scan# 1147
Delta R.T. 0.02 min
Lab File: VU024238.D
Acq: 30 May 2018 13:51

Tgt Ion: 43 Resp: 2728

Ion	Ratio	Lower	Upper
43	100		
72	16.8	13.4	40.1

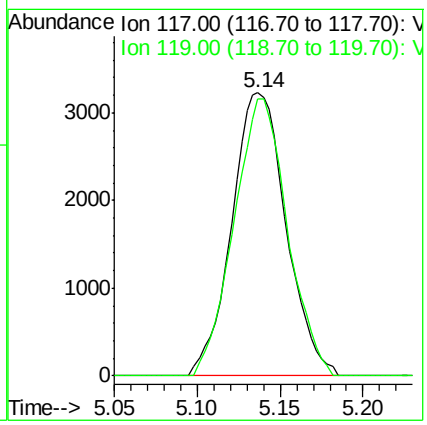


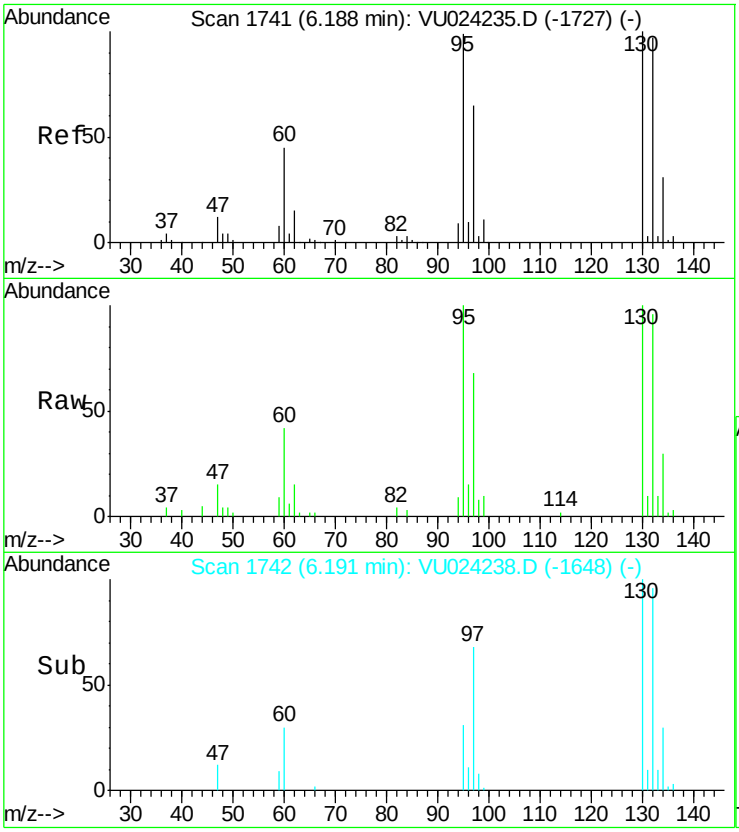


#31
Carbon tetrachloride
Concen: 2.43 ug/L
RT: 5.14 min Scan# 1414
Delta R.T. 0.00 min
Lab File: VU024238.D
Acq: 30 May 2018 13:51

Tgt Ion:117 Resp: 7357

Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.2	114.4

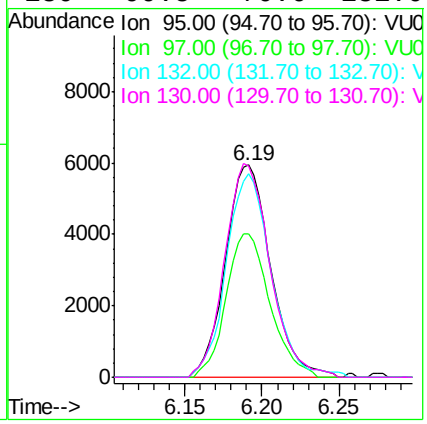


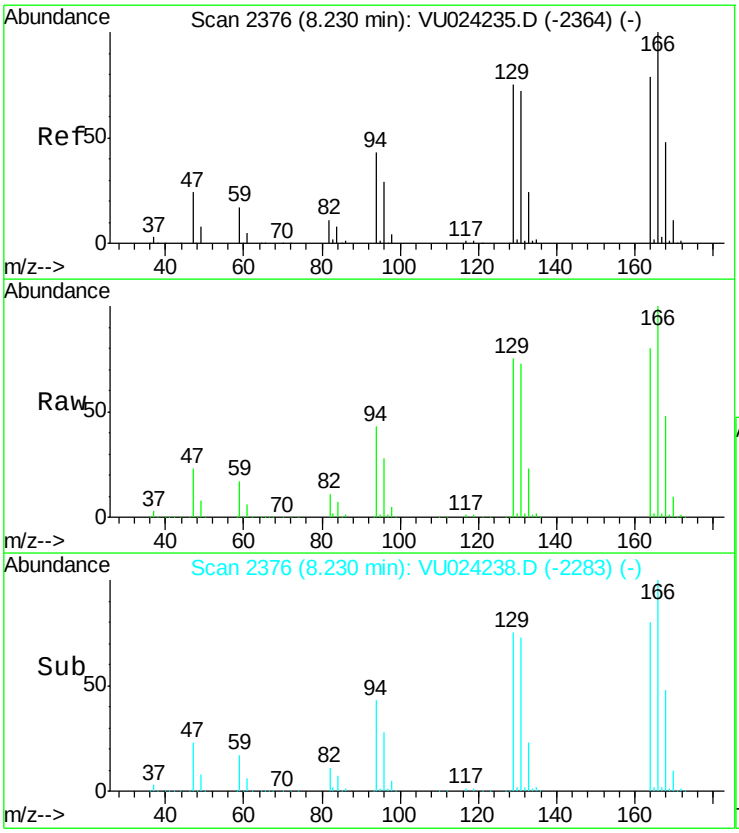


#34
Trichloroethene
Concen: 4.44 ug/L
RT: 6.19 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VU024238.D
Acq: 30 May 2018 13:51

Tgt Ion: 95 Resp: 12085

Ion	Ratio	Lower	Upper
95	100		
97	67.8	44.5	82.7
132	95.7	69.0	128.2
130	99.5	70.6	131.0

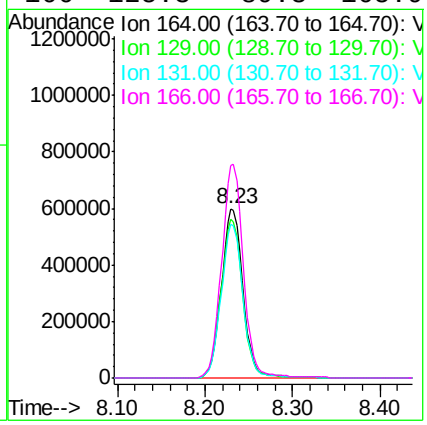


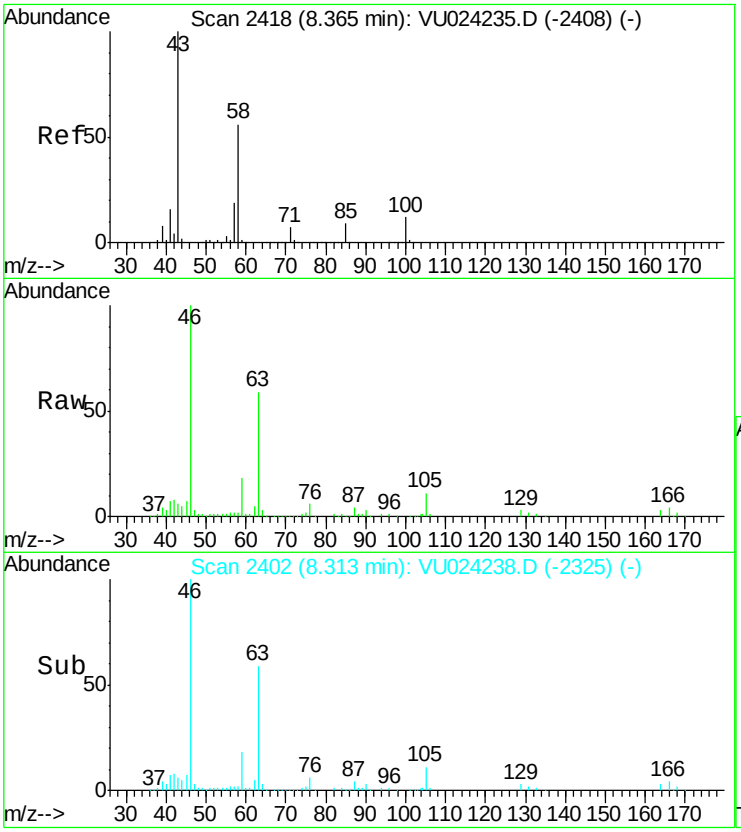


#46
Tetrachloroethene
Concen: 541.85 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU024238.D
Acq: 30 May 2018 13:51

Tgt Ion:164 Resp: 1031934

Ion	Ratio	Lower	Upper
164	100		
129	93.8	66.6	123.6
131	91.1	64.5	119.9
166	125.3	89.3	165.9

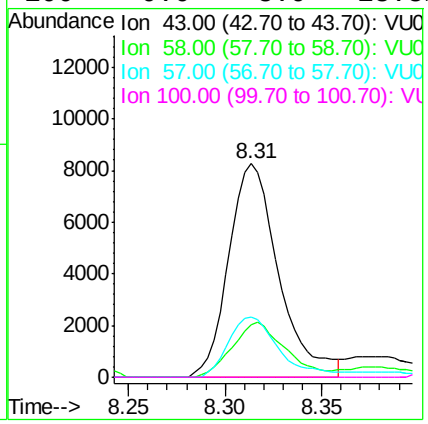


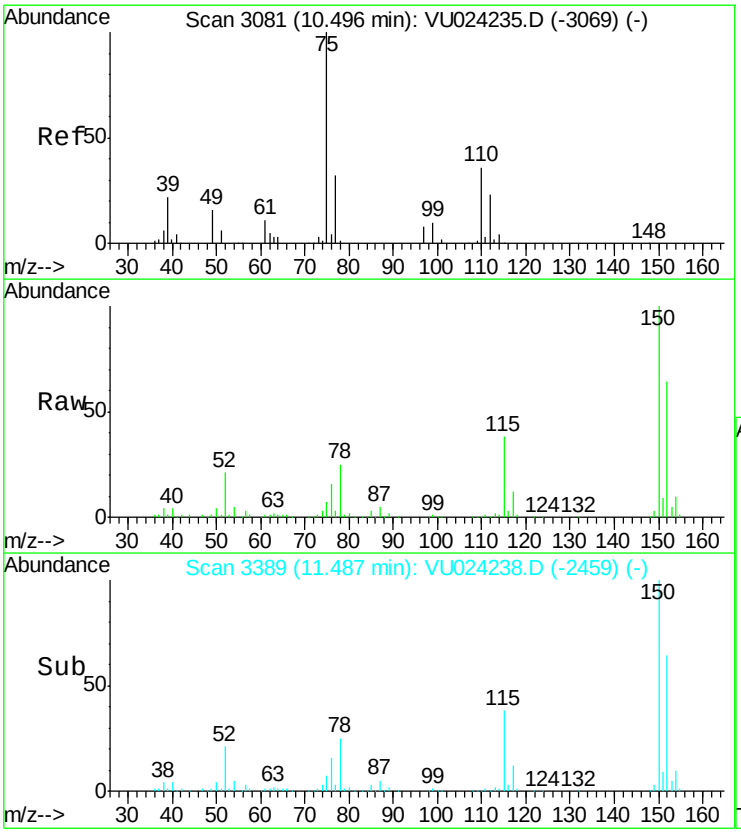


#48
2-Hexanone
Concen: 5.11 ug/L
RT: 8.31 min Scan# 2402
Delta R.T. -0.05 min
Lab File: VU024238.D
Acq: 30 May 2018 13:51

Tgt Ion: 43 Resp: 14867

Ion	Ratio	Lower	Upper
43	100		
58	27.5	44.6	67.0#
57	29.0	15.3	22.9#
100	0.0	8.9	13.3#





#59
1,2,3-Trichloropropane
Concen: 3.78 ug/L
RT: 11.49 min Scan# 3389
Delta R.T. 0.99 min
Lab File: VU024238.D
Acq: 30 May 2018 13:51

Tgt Ion: 75 Resp: 12871

Ion	Ratio	Lower	Upper
75	100		
77	36.7	25.5	38.3