Data Path : W:\HPCHEM1\MSVOA_V\DATA\VV052718\

Quantitation Report (Not Reviewed)

Data File : VV006102.D
Acq On : 27 May 2018 22:34
Operator : SY/MD
Sample : J3090-14 500X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Quant Time: May 28 00:50:41 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052718WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 28 00:47:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	241520	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	222729	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	92761	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	95946	47.52	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 95.04%			
7) Chloroethane-d5	1.55	69	36722	49.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.98%			
11) 1,1-Dichloroethene-d2	2.12	63	137241	37.45	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.90%			
21) 2-Butanone-d5	3.95	46	104854	102.79	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.79%			
24) Chloroform-d	4.40	84	171686	48.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.92%			
26) 1,2-Dichloroethane-d4	5.09	65	118110	51.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.76%			
32) Benzene-d6	5.10	84	362398	50.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.72%			
36) 1,2-Dichloropropane-d6	6.12	67	121991	51.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.78%			
41) Toluene-d8	7.37	98	320452	47.96	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.92%			
43) trans-1,3-Dichloropropene-	7.67	79	46845	45.85	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.70%			
47) 2-Hexanone-d5	8.14	63	89770	96.73	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.73%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	159579	47.30	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.60%			
64) 1,2-Dichlorobenzene-d4	11.68	152	124562	53.61	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.22%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.75	101	4839	1.73	ug/L	100
34) Trichloroethene	5.96	95	201459	114.58	ug/L	99
35) Methylcyclohexane	6.12	83	27898	9.79	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	12717	6.65	ug/L #	88
46) Tetrachloroethene	8.02	164	5622	3.83	ug/L	94
48) 2-Hexanone	8.14	43	12571	6.07	ug/L #	74
49) Dibromochloromethane	8.02	129	4830	2.66	ug/L #	11
59) 1,2,3-Trichloropropane	11.30	75	10740	4.51	ug/L	92

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

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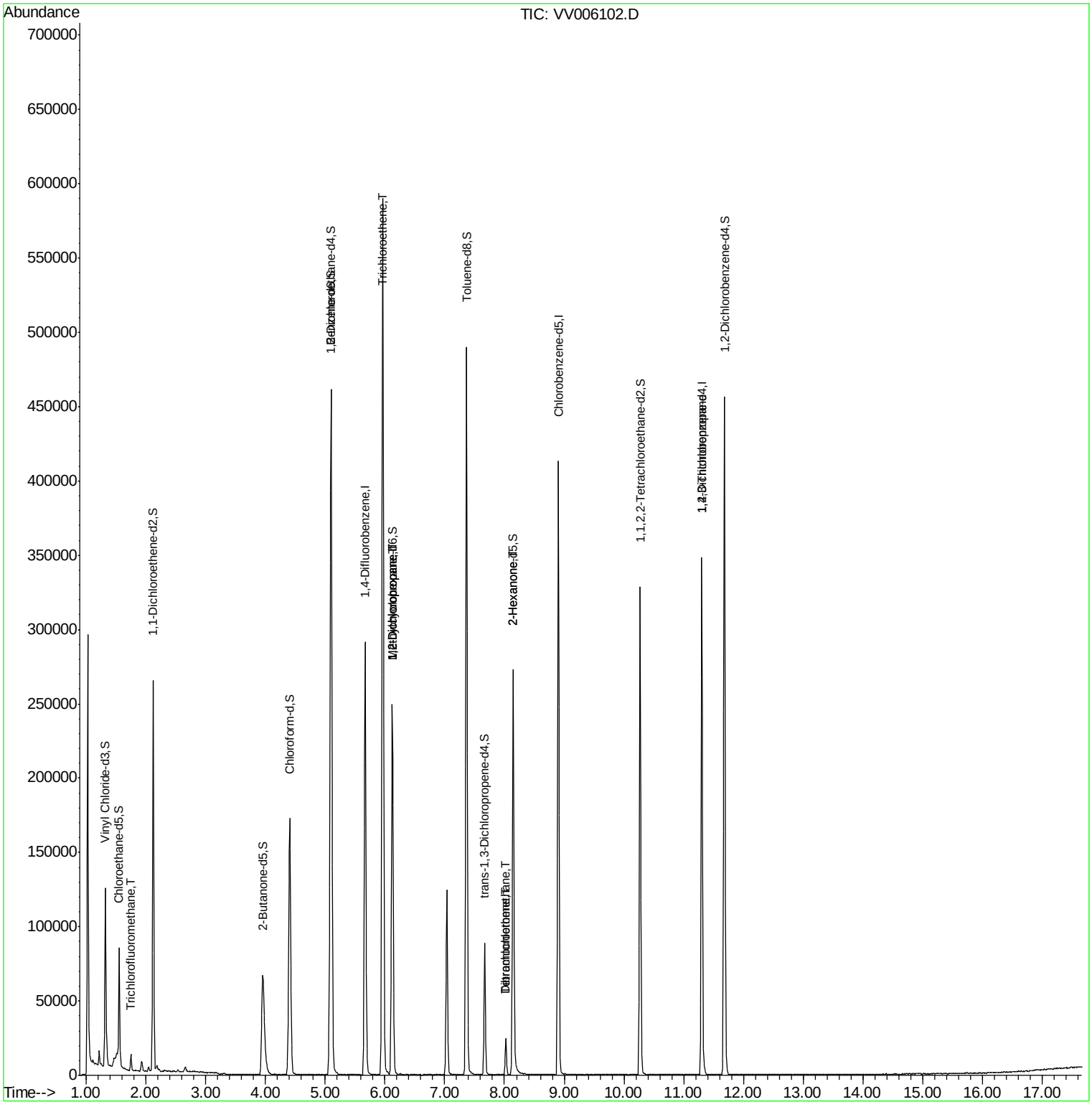
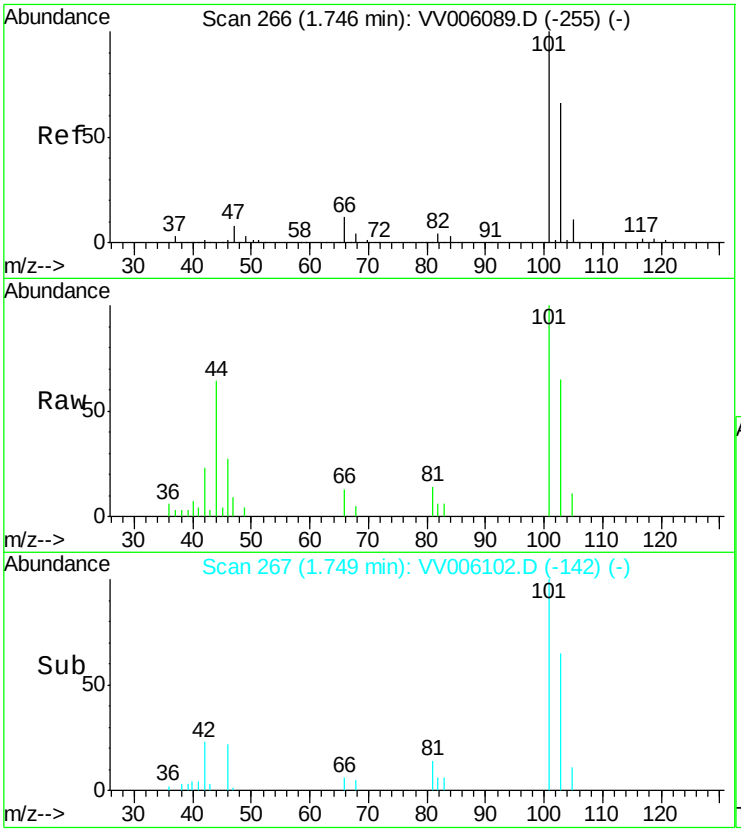
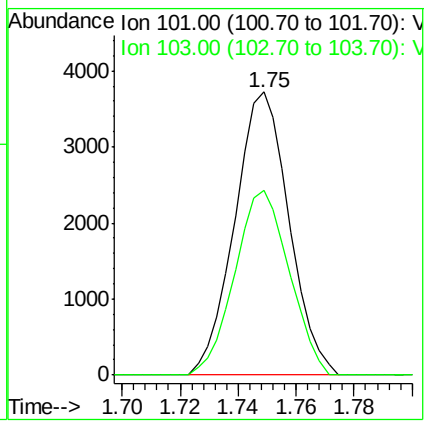


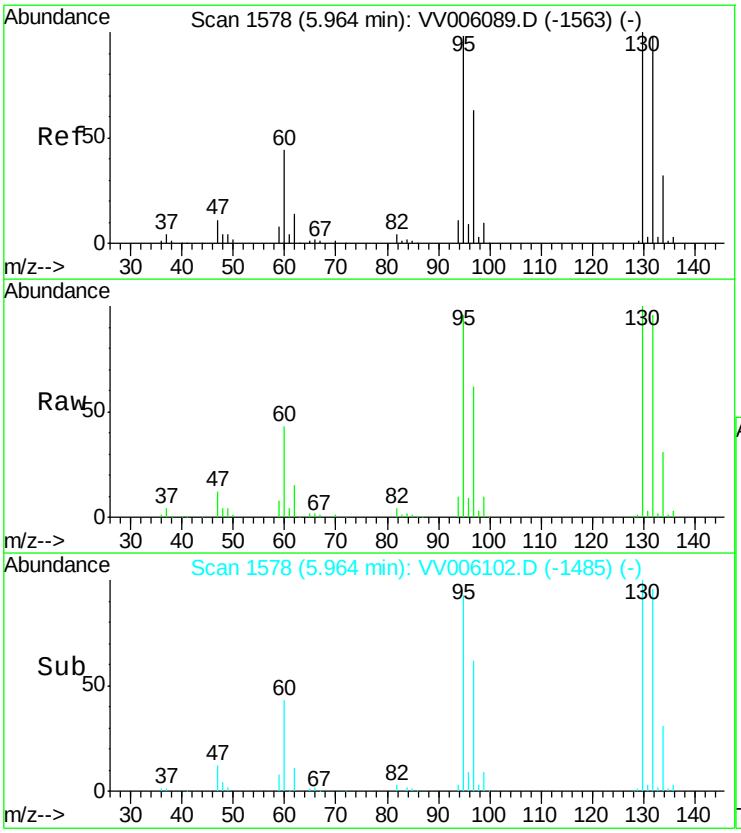


#9
Trichlorofluoromethane
Concen: 1.73 ug/L
RT: 1.75 min Scan# 267
Delta R.T. 0.00 min
Lab File: VV006102.D
Acq: 27 May 2018 22:34

Tgt Ion:101 Resp: 4839

Ion	Ratio	Lower	Upper
101	100		
103	65.4	52.2	78.4

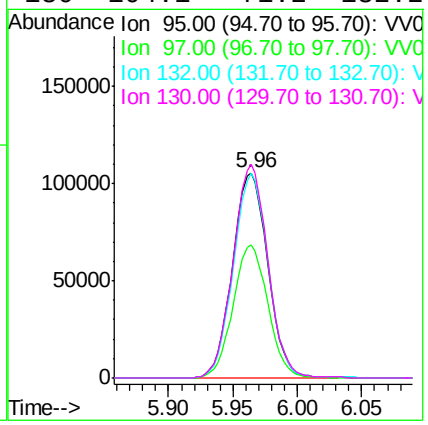


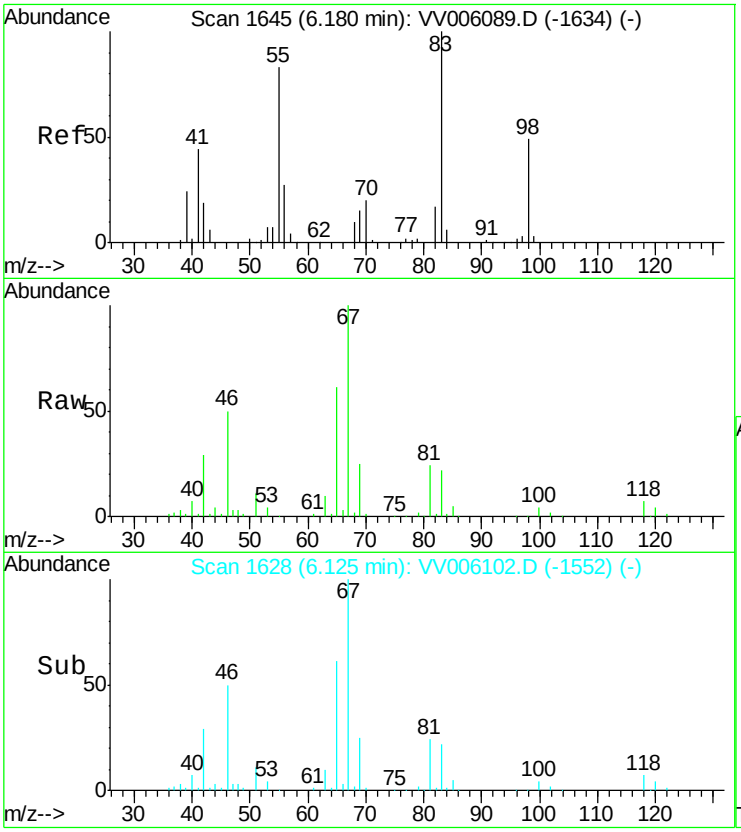


#34
Trichloroethene
Concen: 114.58 ug/L
RT: 5.96 min Scan# 1578
Delta R.T. -0.00 min
Lab File: VV006102.D
Acq: 27 May 2018 22:34

Tgt Ion: 95 Resp: 201459

Ion	Ratio	Lower	Upper
95	100		
97	64.8	45.4	84.4
132	99.7	69.0	128.2
130	104.1	71.2	132.2

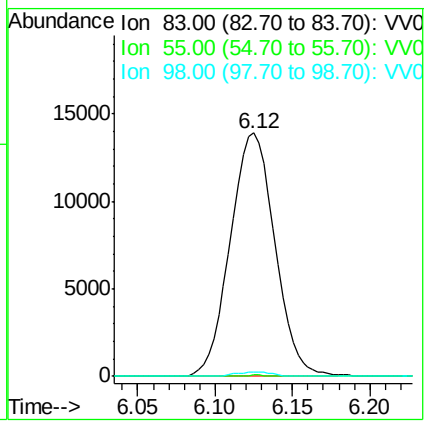


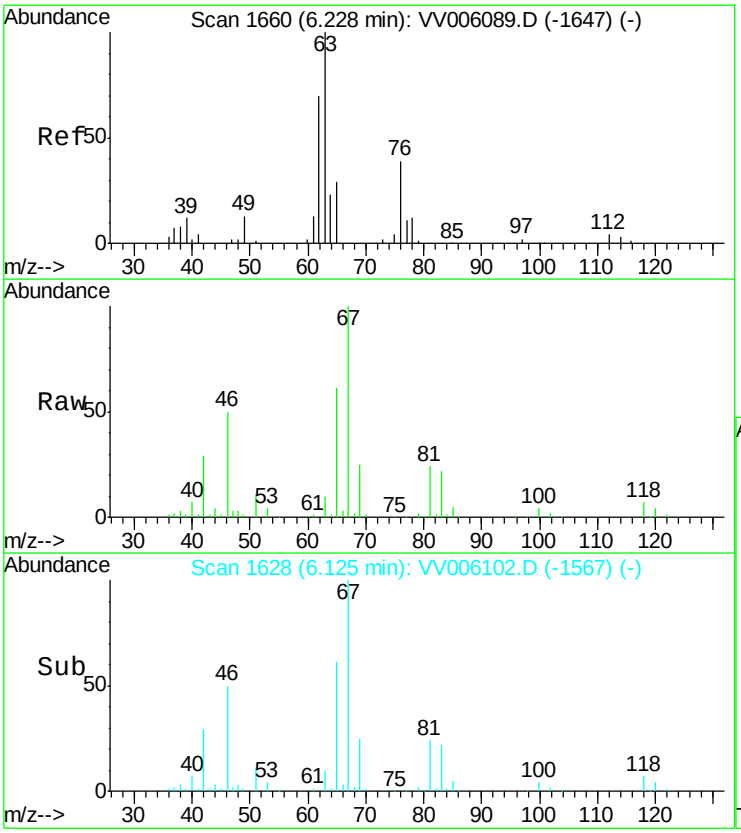


#35
Methylcyclohexane
Concen: 9.79 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006102.D
Acq: 27 May 2018 22:34

Tgt Ion: 83 Resp: 27898

Ion	Ratio	Lower	Upper
83	100		
55	0.1	62.8	94.2#
98	1.4	37.5	56.3#

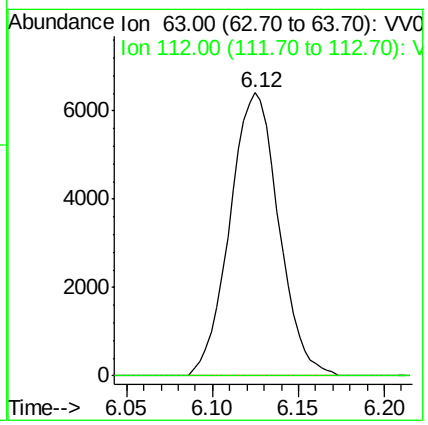


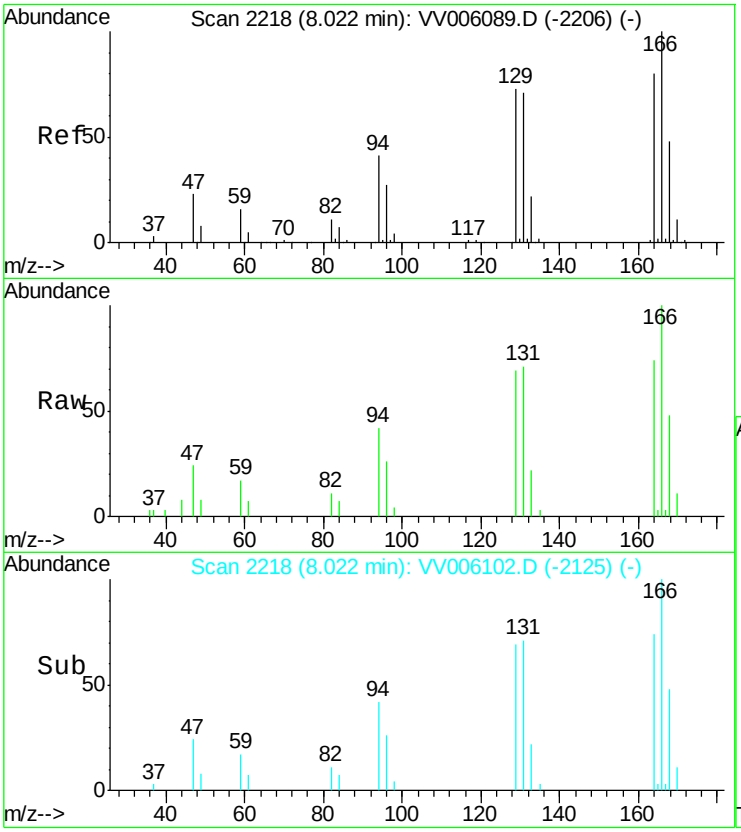


#37
1,2-Dichloropropane
Concen: 6.65 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV006102.D
Acq: 27 May 2018 22:34

Tgt Ion: 63 Resp: 12717

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#

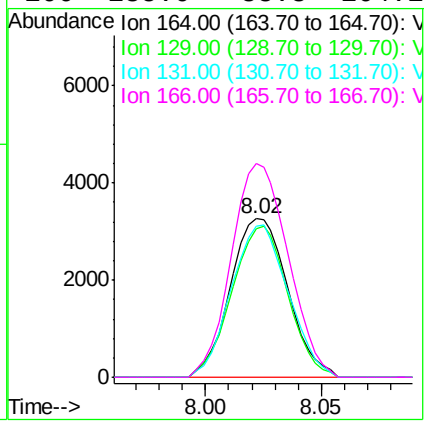


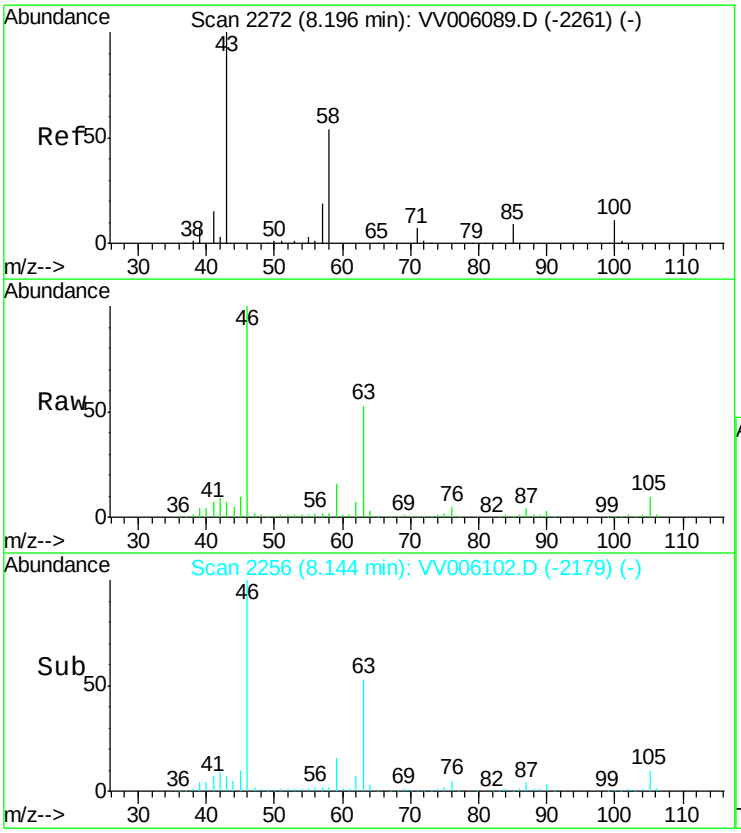


#46
Tetrachloroethene
Concen: 3.83 ug/L
RT: 8.02 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VV006102.D
Acq: 27 May 2018 22:34

Tgt Ion:164 Resp: 5622

Ion	Ratio	Lower	Upper
164	100		
129	93.5	63.9	118.7
131	95.6	61.6	114.4
166	135.0	88.3	164.1

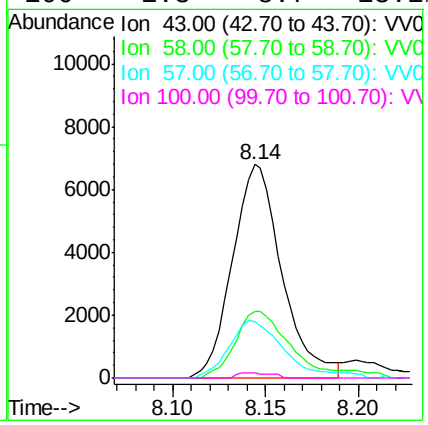


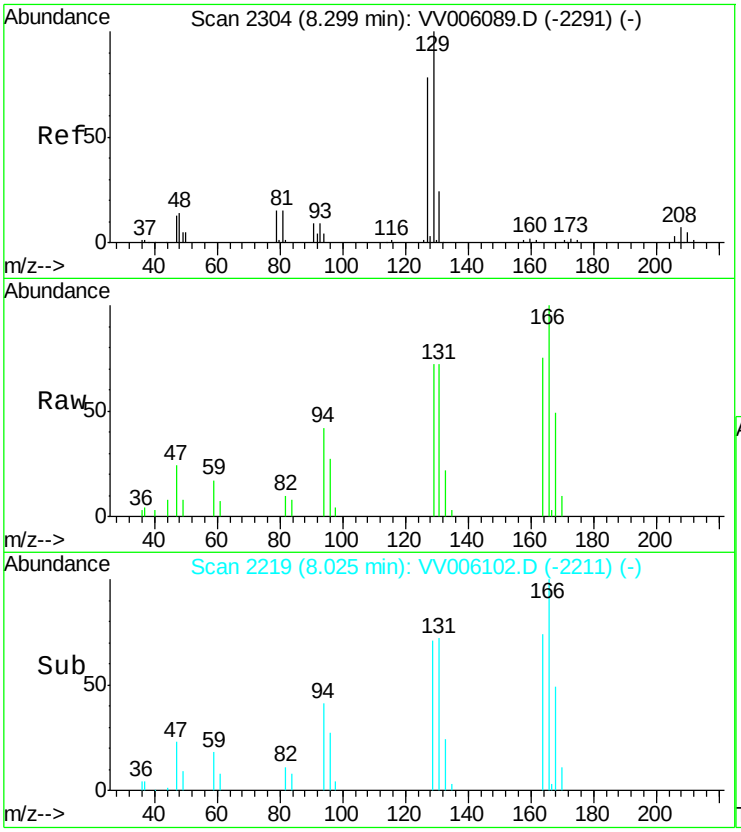


#48
2-Hexanone
Concen: 6.07 ug/L
RT: 8.14 min Scan# 2256
Delta R.T. -0.05 min
Lab File: VV006102.D
Acq: 27 May 2018 22:34

Tgt Ion: 43 Resp: 12571

Ion	Ratio	Lower	Upper
43	100		
58	33.9	42.2	63.4#
57	29.4	14.5	21.7#
100	1.3	8.7	13.1#

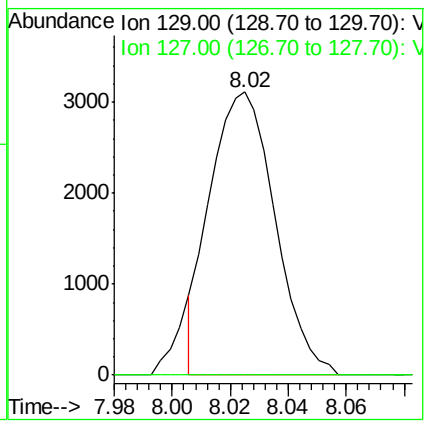


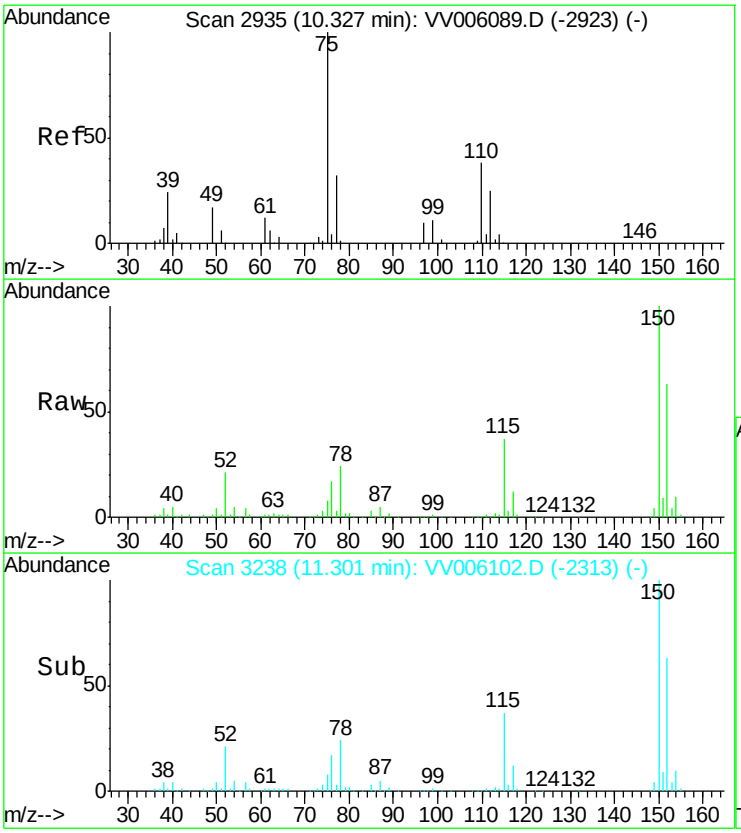


#49
Dibromochloromethane
Concen: 2.66 ug/L
RT: 8.02 min Scan# 2219
Delta R.T. -0.27 min
Lab File: VV006102.D
Acq: 27 May 2018 22:34

Tgt Ion:129 Resp: 4830

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.1	100.5#





#59
1,2,3-Trichloropropane
Concen: 4.51 ug/L
RT: 11.30 min Scan# 3238
Delta R.T. 0.97 min
Lab File: VV006102.D
Acq: 27 May 2018 22:34

Tgt Ion: 75 Resp: 10740

Ion	Ratio	Lower	Upper
75	100		
77	36.6	25.8	38.8