Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071818\
Data File : VU025489.D
Acq On : 18 Jul 2018 11:39
Operator : MD/SY
Sample : J3984-15DL 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 19 01:08:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071718WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jul 19 01:07:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	331948	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	299878	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	141346	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	71357	45.58	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 91.16%			
7) Chloroethane-d5	1.68	69	63723	47.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.56%			
11) 1,1-Dichloroethene-d2	2.27	63	121950	35.48	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.96%			
21) 2-Butanone-d5	4.18	46	145530	87.37	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 87.37%			
24) Chloroform-d	4.65	84	188929	46.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.04%			
26) 1,2-Dichloroethane-d4	5.31	65	131306	47.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.02%			
32) Benzene-d6	5.35	84	362981	50.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.18%			
36) 1,2-Dichloropropane-d6	6.34	67	119287	49.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.42%			
41) Toluene-d8	7.57	98	339204	48.36	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.72%			
43) trans-1,3-Dichloropropene-	7.85	79	57258	45.83	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.66%			
47) 2-Hexanone-d5	8.31	63	105466	84.77	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 84.77%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	161049	45.20	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.40%			
64) 1,2-Dichlorobenzene-d4	11.86	152	140867	49.73	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.46%			
Target Compounds						Qvalue
13) Acetone	2.32	43	3735	2.568	ug/L	87
20) cis-1,2-Dichloroethene	4.23	96	162589	62.400	ug/L	98
34) Trichloroethene	6.19	95	4386	1.868	ug/L	95
35) Methylcyclohexane	6.34	83	27937	7.835	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	14114	5.767	ug/L #	88
46) Tetrachloroethene	8.23	164	18942	9.669	ug/L	96
49) Dibromochloromethane	8.23	129	18181	6.473	ug/L #	12

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

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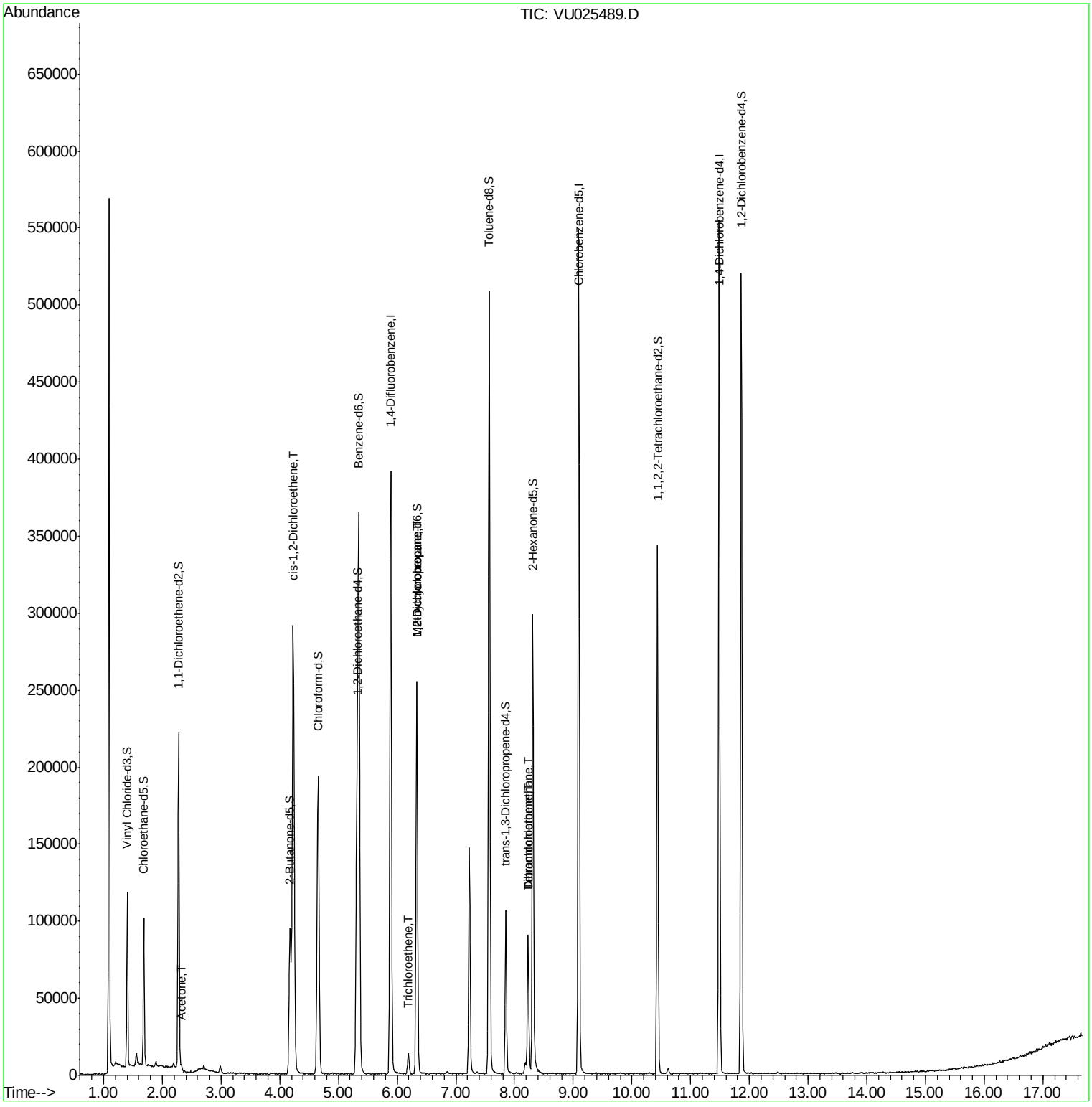
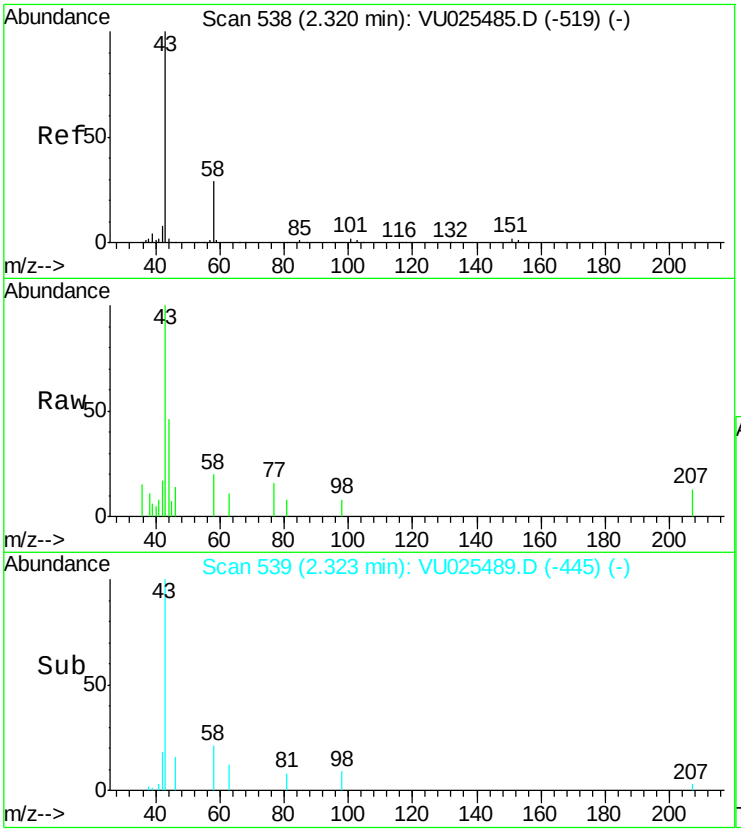
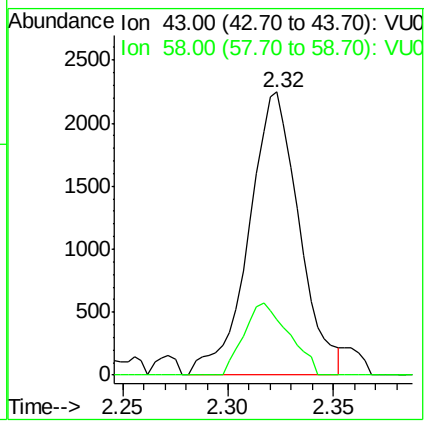


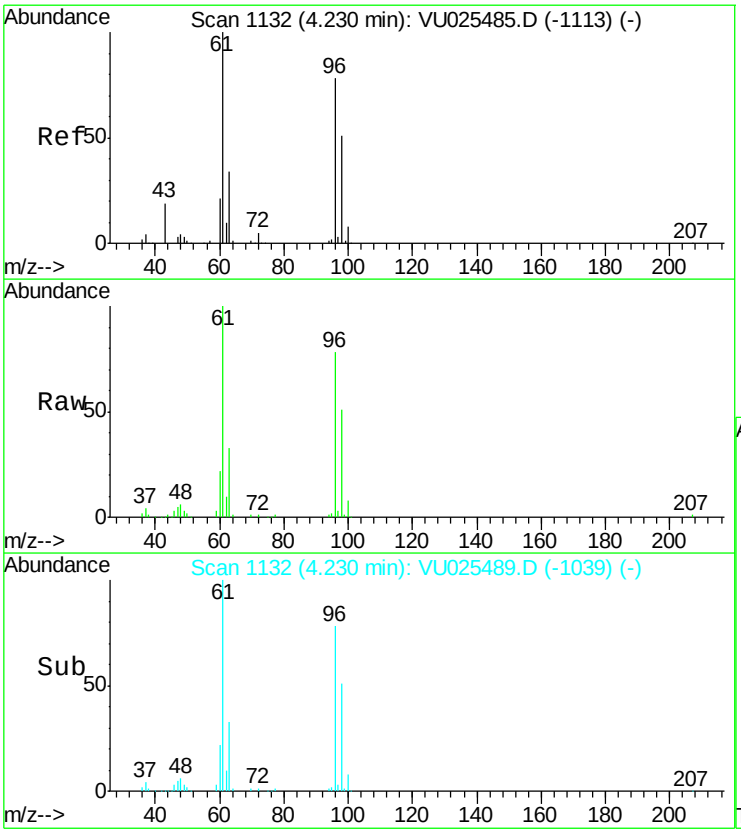


#13
Acetone
Concen: 2.568 ug/L
RT: 2.32 min Scan# 539
Delta R.T. 0.00 min
Lab File: VU025489.D
Acq: 18 Jul 2018 11:39

Tgt Ion: 43 Resp: 3735

Ion	Ratio	Lower	Upper
43	100		
58	22.7	0.0	59.0

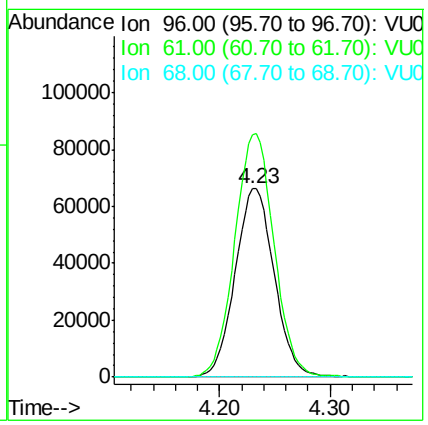


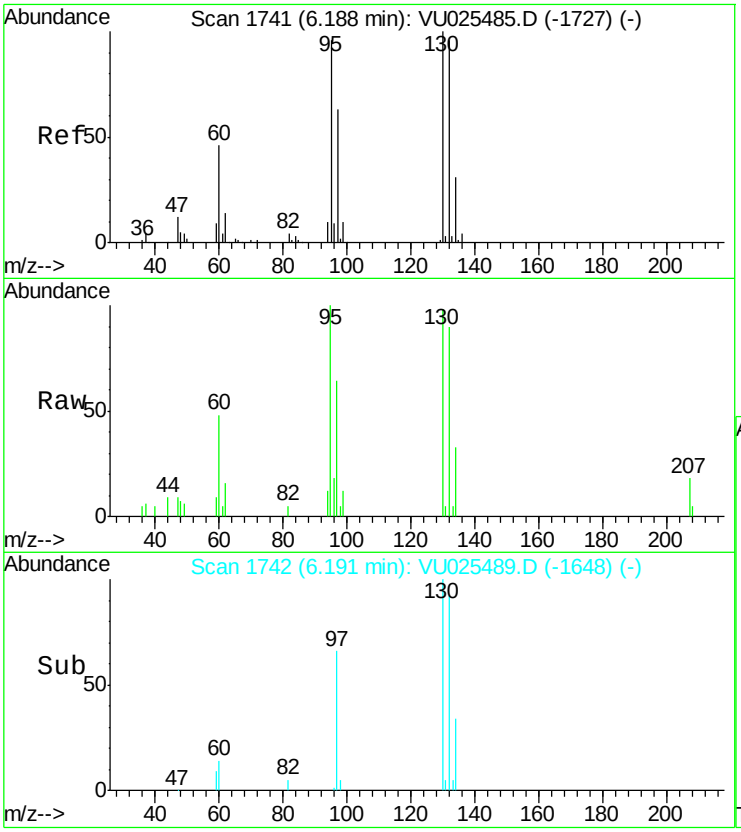


#20
cis-1,2-Dichloroethene
Concen: 62.400 ug/L
RT: 4.23 min Scan# 1132
Delta R.T. 0.00 min
Lab File: VU025489.D
Acq: 18 Jul 2018 11:39

Tgt Ion: 96 Resp: 162589

Ion	Ratio	Lower	Upper
96	100		
61	128.8	91.7	170.3
68	0.0	0.0	0.0

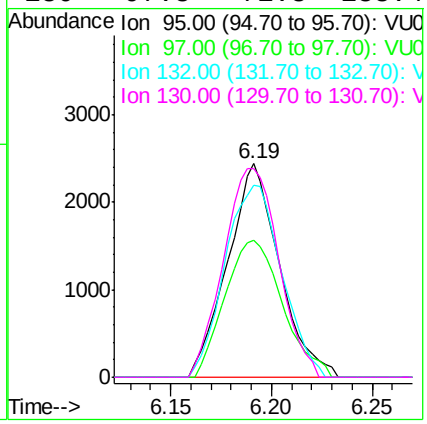


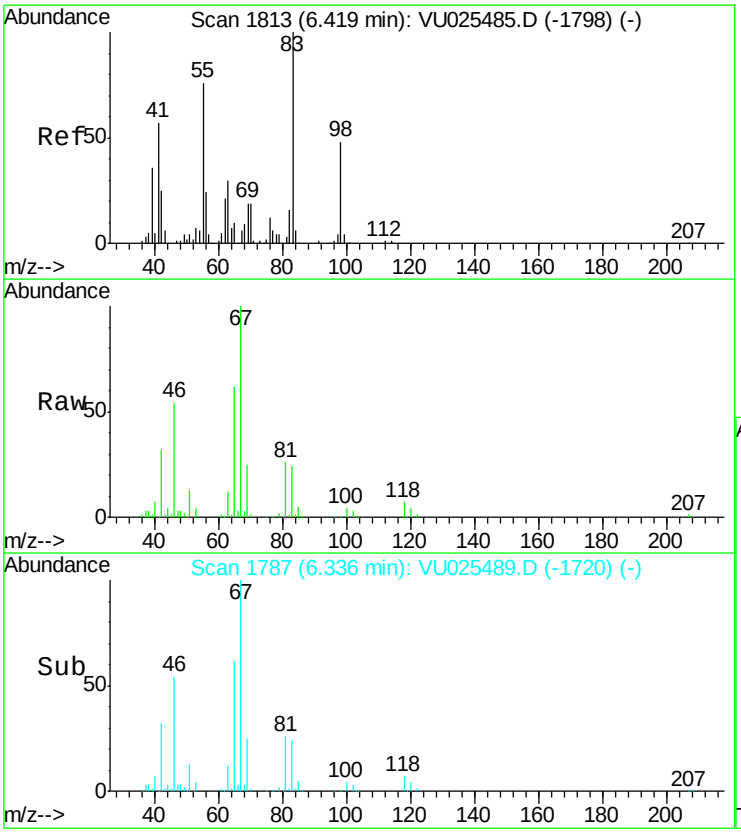


#34
Trichloroethene
Concen: 1.868 ug/L
RT: 6.19 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VU025489.D
Acq: 18 Jul 2018 11:39

Tgt Ion: 95 Resp: 4386

Ion	Ratio	Lower	Upper
95	100		
97	64.2	45.9	85.3
132	89.9	68.2	126.6
130	97.8	71.8	133.4

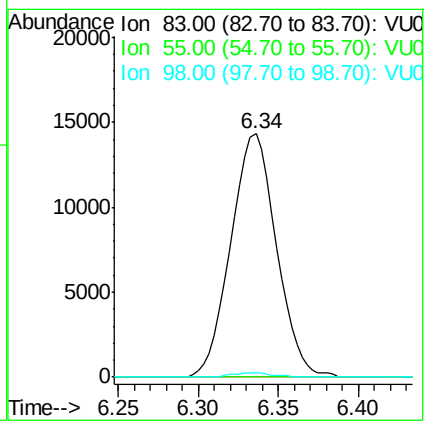


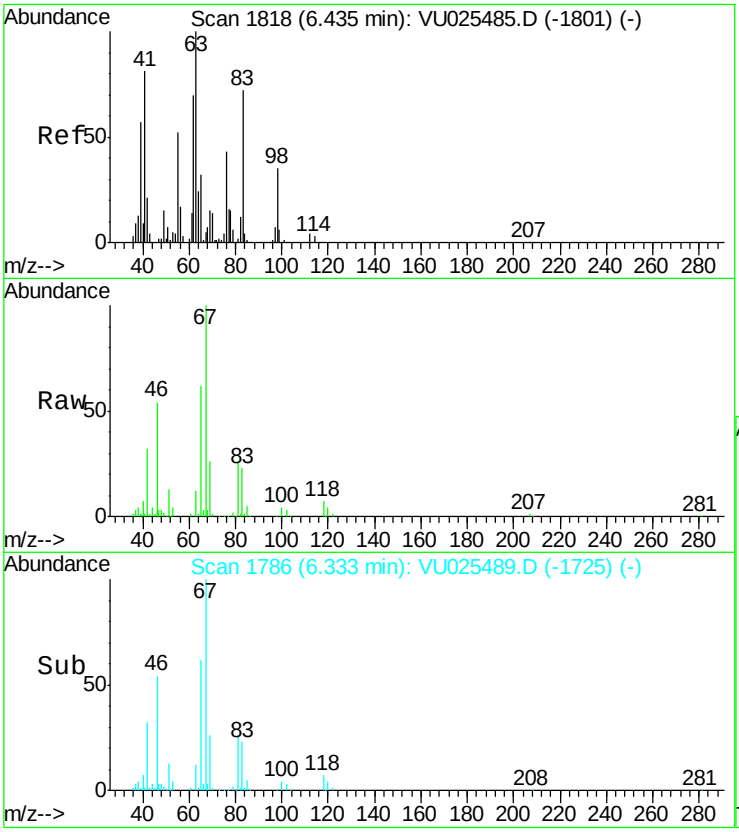


#35
Methylcyclohexane
Concen: 7.835 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.08 min
Lab File: VU025489.D
Acq: 18 Jul 2018 11:39

Tgt Ion: 83 Resp: 27937

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.8	92.8#
98	1.4	38.7	58.1#

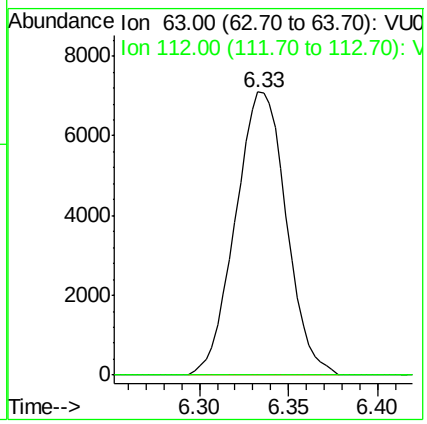


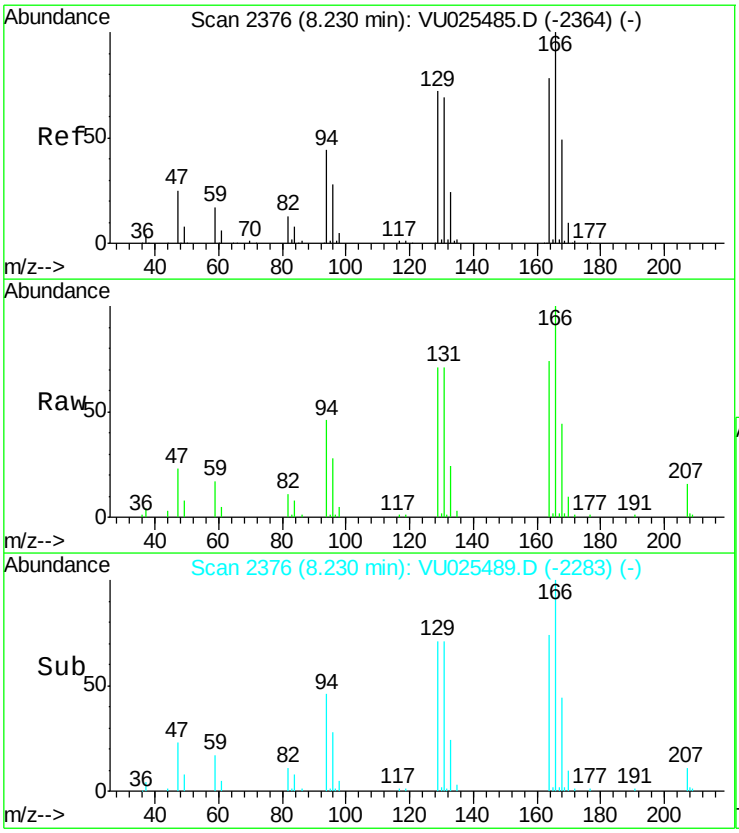


#37
1,2-Dichloropropane
Concen: 5.767 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.10 min
Lab File: VU025489.D
Acq: 18 Jul 2018 11:39

Tgt Ion: 63 Resp: 14114

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#

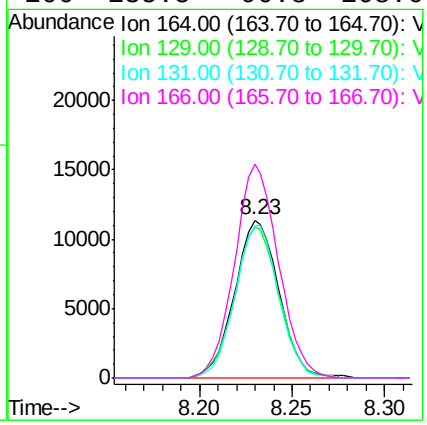


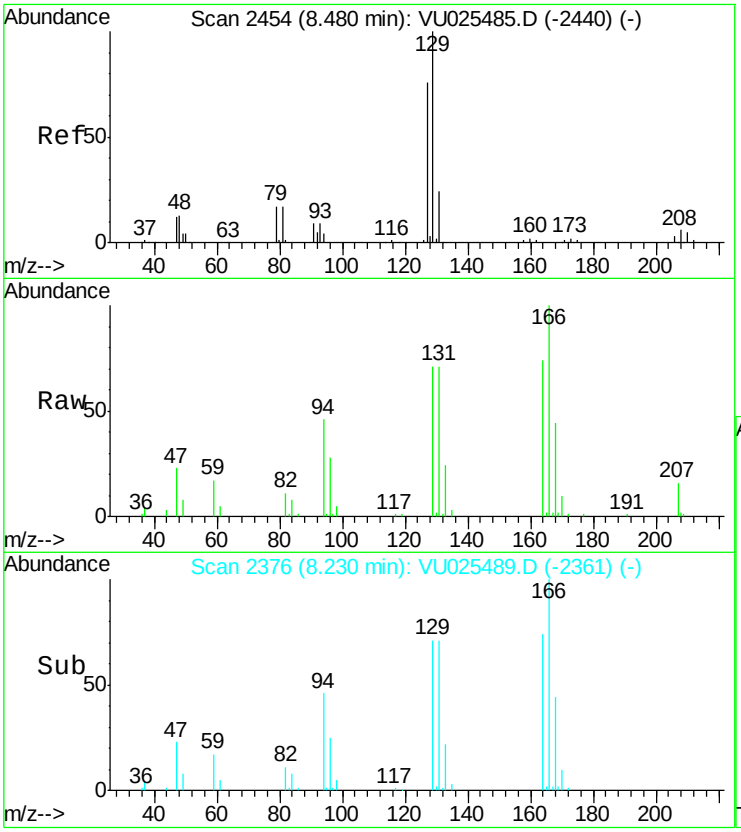


#46
Tetrachloroethene
Concen: 9.669 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025489.D
Acq: 18 Jul 2018 11:39

Tgt Ion:164 Resp: 18942

Ion	Ratio	Lower	Upper
164	100		
129	95.9	66.5	123.5
131	96.4	63.7	118.3
166	135.5	90.8	168.6





#49
Dibromochloromethane
Concen: 6.473 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. -0.25 min
Lab File: VU025489.D
Acq: 18 Jul 2018 11:39

Tgt Ion:129 Resp: 18181

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.4	97.2#