Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071818\
Data File : VU025495.D
Acq On : 18 Jul 2018 14:28
Operator : MD/SY
Sample : J3986-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 19 01:09:07 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	331929	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	299960	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	141820	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	67093	42.86	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 85.72%			
7) Chloroethane-d5	1.68	69	62165	46.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.24%			
11) 1,1-Dichloroethene-d2	2.27	63	114088	33.19	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.38%			
21) 2-Butanone-d5	4.18	46	150349	90.26	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 90.26%			
24) Chloroform-d	4.65	84	183020	45.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.14%			
26) 1,2-Dichloroethane-d4	5.31	65	131933	47.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.48%			
32) Benzene-d6	5.35	84	356630	49.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.40%			
36) 1,2-Dichloropropane-d6	6.34	67	117309	48.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.74%			
41) Toluene-d8	7.57	98	329610	46.98	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.96%			
43) trans-1,3-Dichloropropene-	7.85	79	57190	45.77	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.54%			
47) 2-Hexanone-d5	8.31	63	108198	86.94	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 86.94%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	163037	45.74	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.48%			
64) 1,2-Dichlorobenzene-d4	11.86	152	138449	48.71	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.42%			
Target Compounds						Qvalue
13) Acetone	2.32	43	2130	1.464	ug/L	84
20) cis-1,2-Dichloroethene	4.23	96	395762	151.897	ug/L	97
34) Trichloroethene	6.19	95	187269	79.718	ug/L	98
35) Methylcyclohexane	6.33	83	27361	7.671	ug/L #	19
37) 1,2-Dichloropropane	6.34	63	13879	5.670	ug/L #	88
59) 1,2,3-Trichloropropane	11.48	75	14898	4.576	ug/L #	83

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

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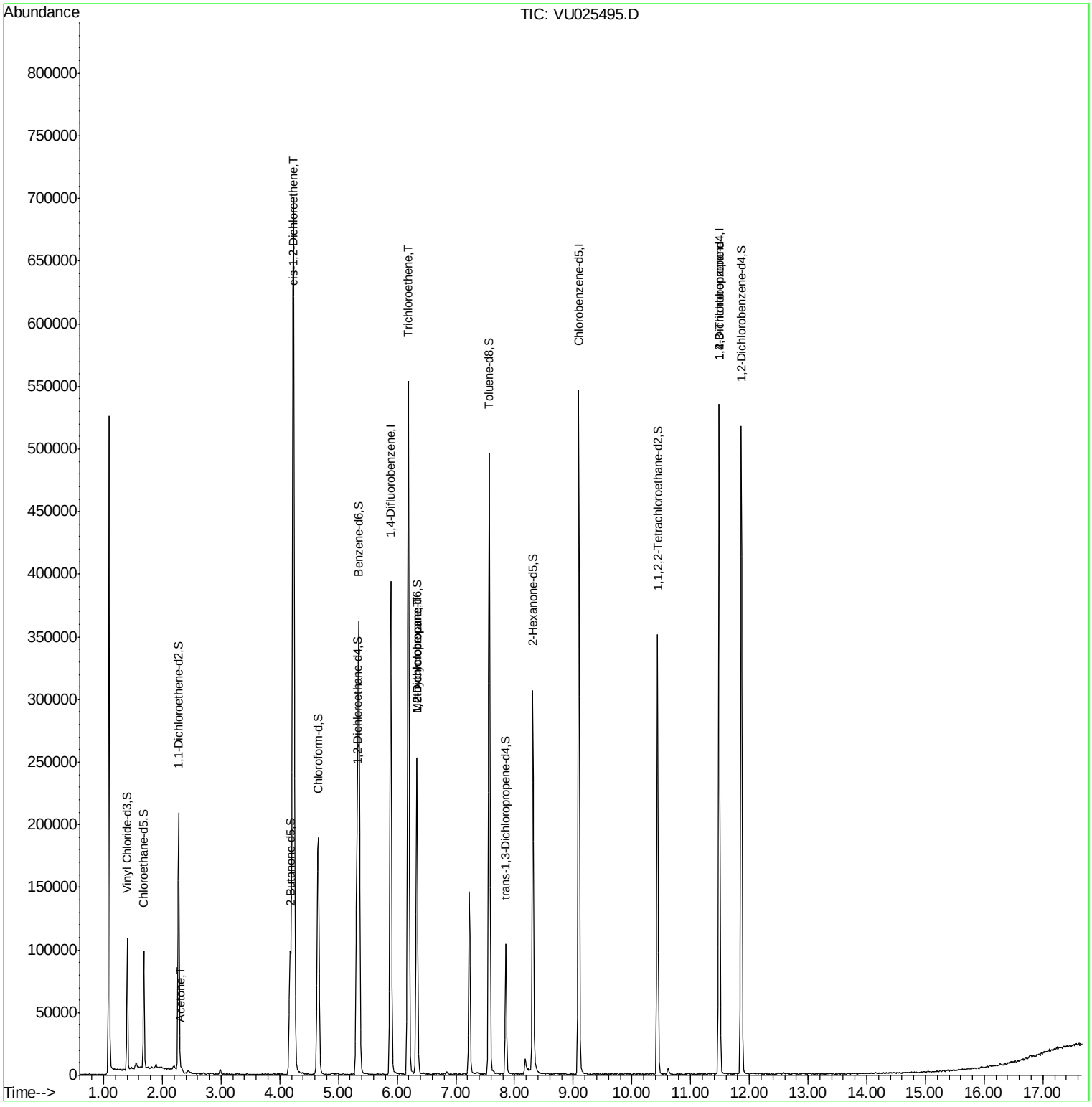
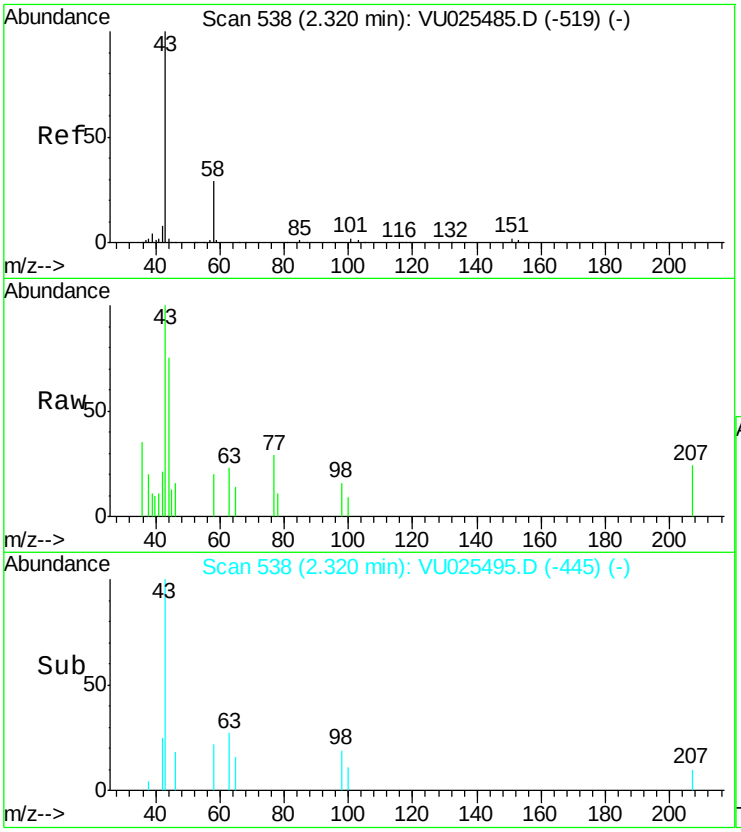
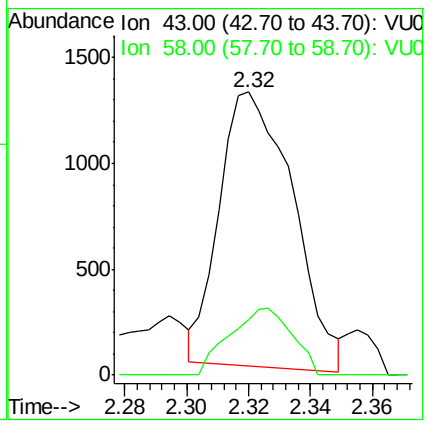


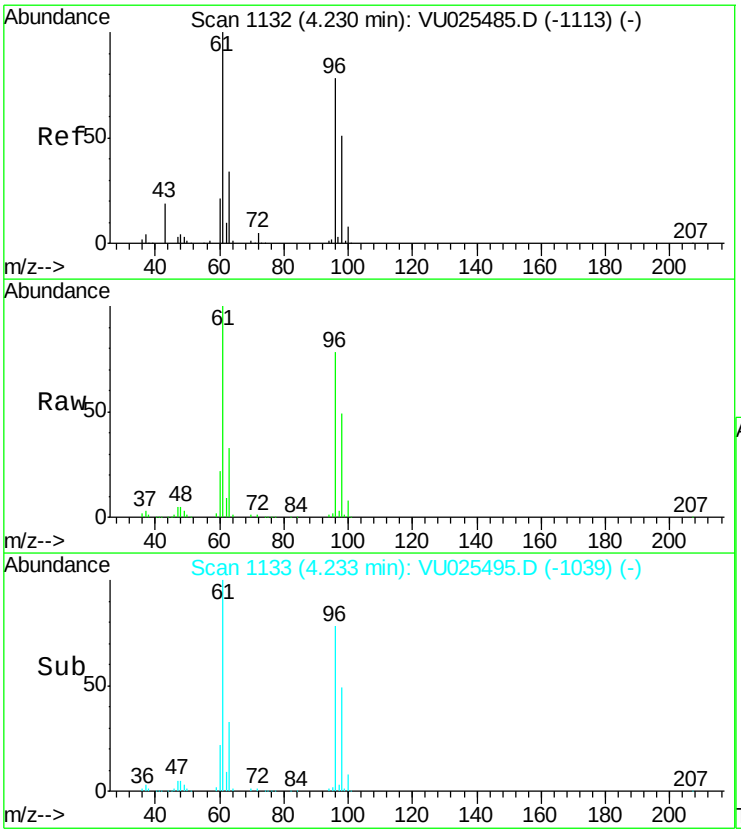


#13
Acetone
Concen: 1.464 ug/L
RT: 2.32 min Scan# 538
Delta R.T. 0.00 min
Lab File: VU025495.D
Acq: 18 Jul 2018 14:28

Tgt Ion: 43 Resp: 2130

Ion	Ratio	Lower	Upper
43	100		
58	20.8	0.0	59.0

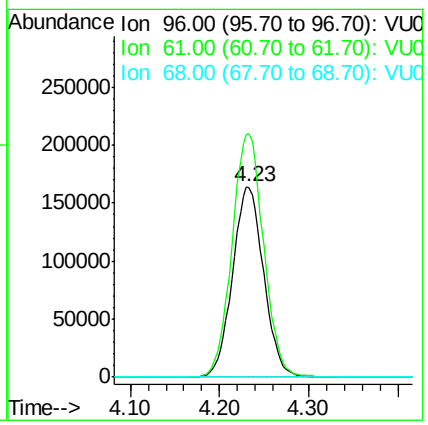


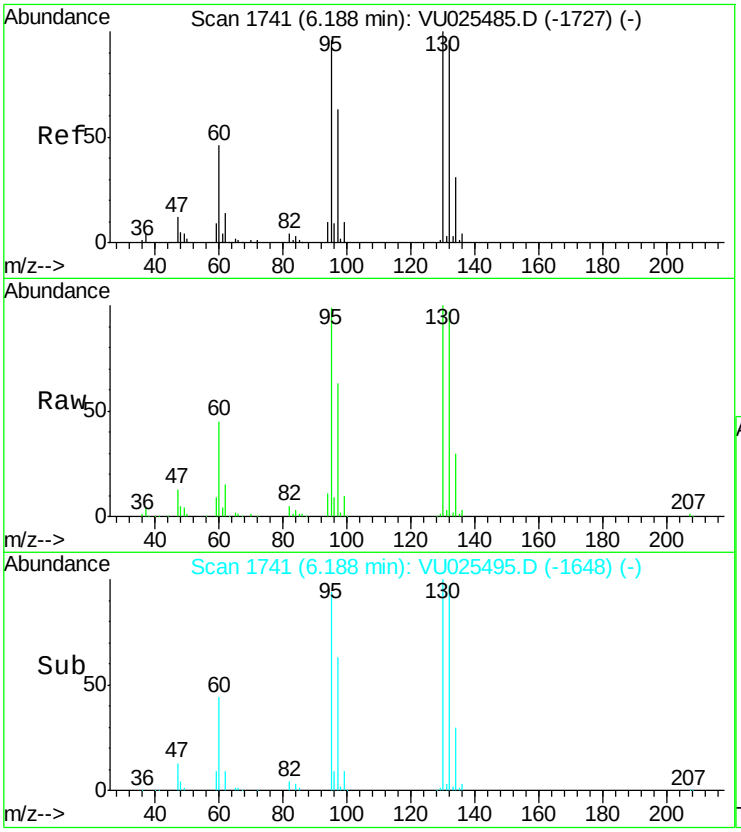


#20
cis-1,2-Dichloroethene
Concen: 151.897 ug/L
RT: 4.23 min Scan# 1133
Delta R.T. 0.00 min
Lab File: VU025495.D
Acq: 18 Jul 2018 14:28

Tgt Ion: 96 Resp: 395762

Ion	Ratio	Lower	Upper
96	100		
61	128.0	91.7	170.3
68	0.0	0.0	0.0

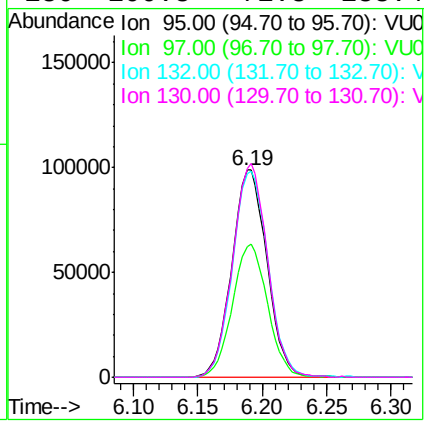


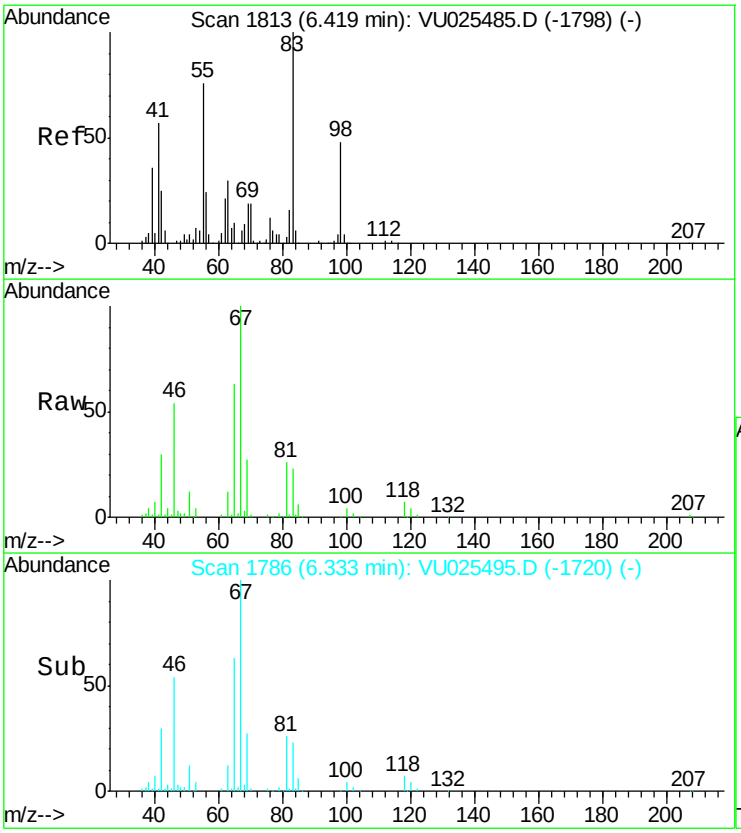


#34
Trichloroethene
Concen: 79.718 ug/L
RT: 6.19 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VU025495.D
Acq: 18 Jul 2018 14:28

Tgt Ion: 95 Resp: 187269

Ion	Ratio	Lower	Upper
95	100		
97	63.3	45.9	85.3
132	98.0	68.2	126.6
130	100.8	71.8	133.4

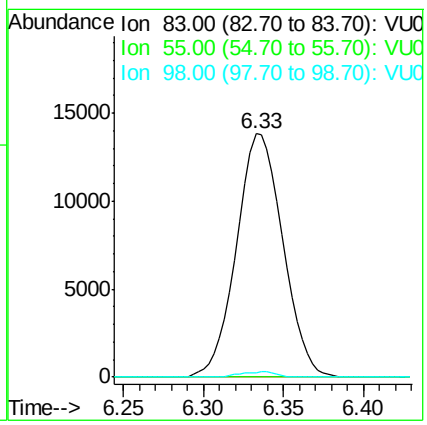


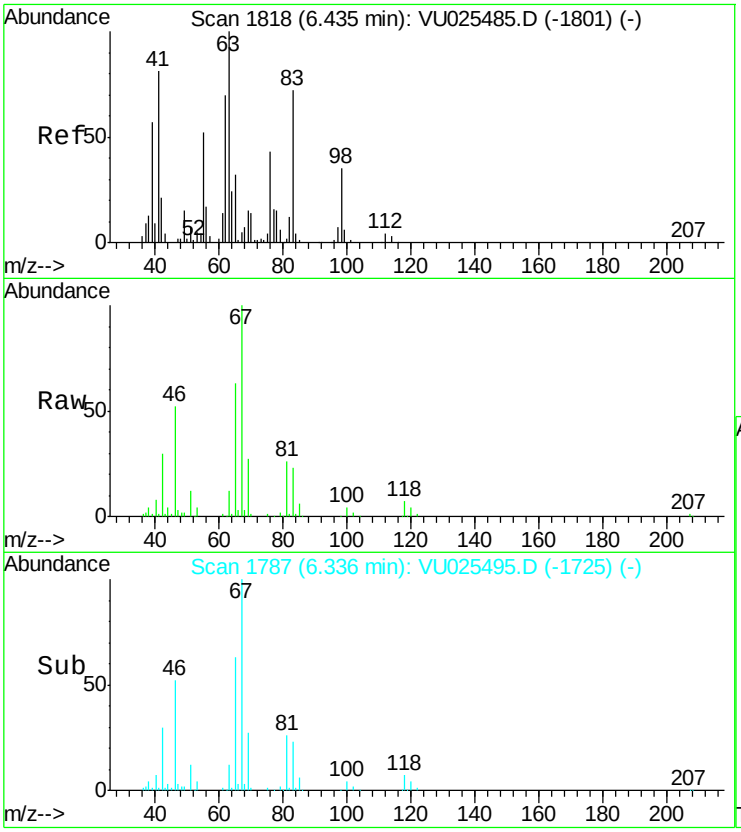


#35
Methylcyclohexane
Concen: 7.671 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.09 min
Lab File: VU025495.D
Acq: 18 Jul 2018 14:28

Tgt Ion: 83 Resp: 27361

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.8	92.8#
98	1.6	38.7	58.1#

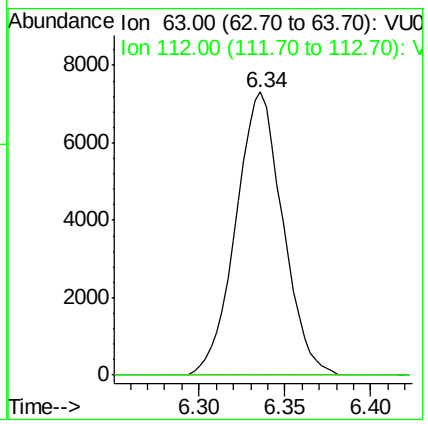


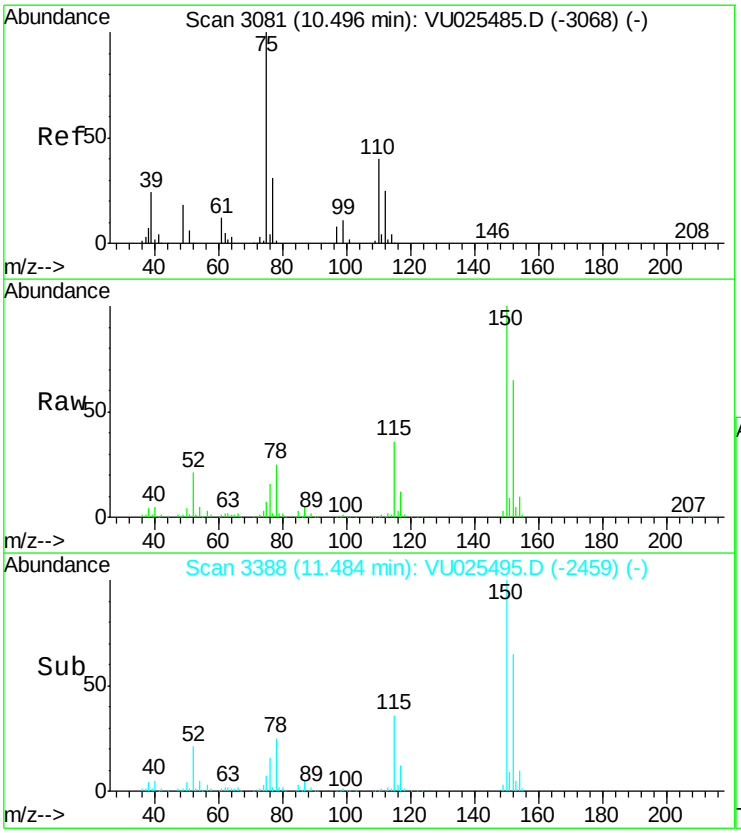


#37
1,2-Dichloropropane
Concen: 5.670 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.10 min
Lab File: VU025495.D
Acq: 18 Jul 2018 14:28

Tgt Ion: 63 Resp: 13879

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#





#59
1,2,3-Trichloropropane
Concen: 4.576 ug/L
RT: 11.48 min Scan# 3388
Delta R.T. 0.99 min
Lab File: VU025495.D
Acq: 18 Jul 2018 14:28

Tgt Ion: 75 Resp: 14898

Ion	Ratio	Lower	Upper
75	100		
77	42.5	26.2	39.2#