Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120619\

Quantitation Report (Not Reviewed)

Data File : VU036025.D
Acq On : 06 Dec 2019 15:37
Operator : JC/SP
Sample : K6167-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFQY4

Quant Time: Dec 06 22:36:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 06 22:30:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	265742	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	294873	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	76806	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	110229	3.64	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 72.80%			
7) Chloroethane-d5	1.93	69	130166	5.36	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 107.20%			
11) 1,1-Dichloroethene-d2	2.59	63	133083	3.06	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.20%			
20) 2-Butanone-d5	4.69	46	207598	38.70	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 77.40%			
24) Chloroform-d	5.11	84	186505	4.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.60%			
26) 1,2-Dichloroethane-d4	5.75	65	107742	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.80%			
32) Benzene-d6	5.77	84	382943	4.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.80%			
36) 1,2-Dichloropropane-d6	6.73	67	122202	4.32	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.40%			
41) Toluene-d8	7.93	98	313067	3.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.80%			
43) trans-1,3-Dichloropropene-	8.21	79	43797	3.84	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.80%			
46) 2-Hexanone-d5	8.70	63	198765	44.25	ug/L	0.02
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.50%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	112093	4.72	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.40%			
64) 1,2-Dichlorobenzene-d4	12.22	152	84583	5.33	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.60%			
Target Compounds						Qvalue
13) Acetone	2.66	43	6133	1.265	ug/L	92
16) Methylene chloride	3.08	84	2281	0.077	ug/L	79
25) Chloroform	5.14	83	15606	0.392	ug/L	97
35) Methylcyclohexane	6.74	83	29556	0.841	ug/L #	17
37) 1,2-Dichloropropane	6.74	63	13480	0.537	ug/L #	88
59) 1,2,3-Trichloropropane	11.84	75	8314	0.509	ug/L	93

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

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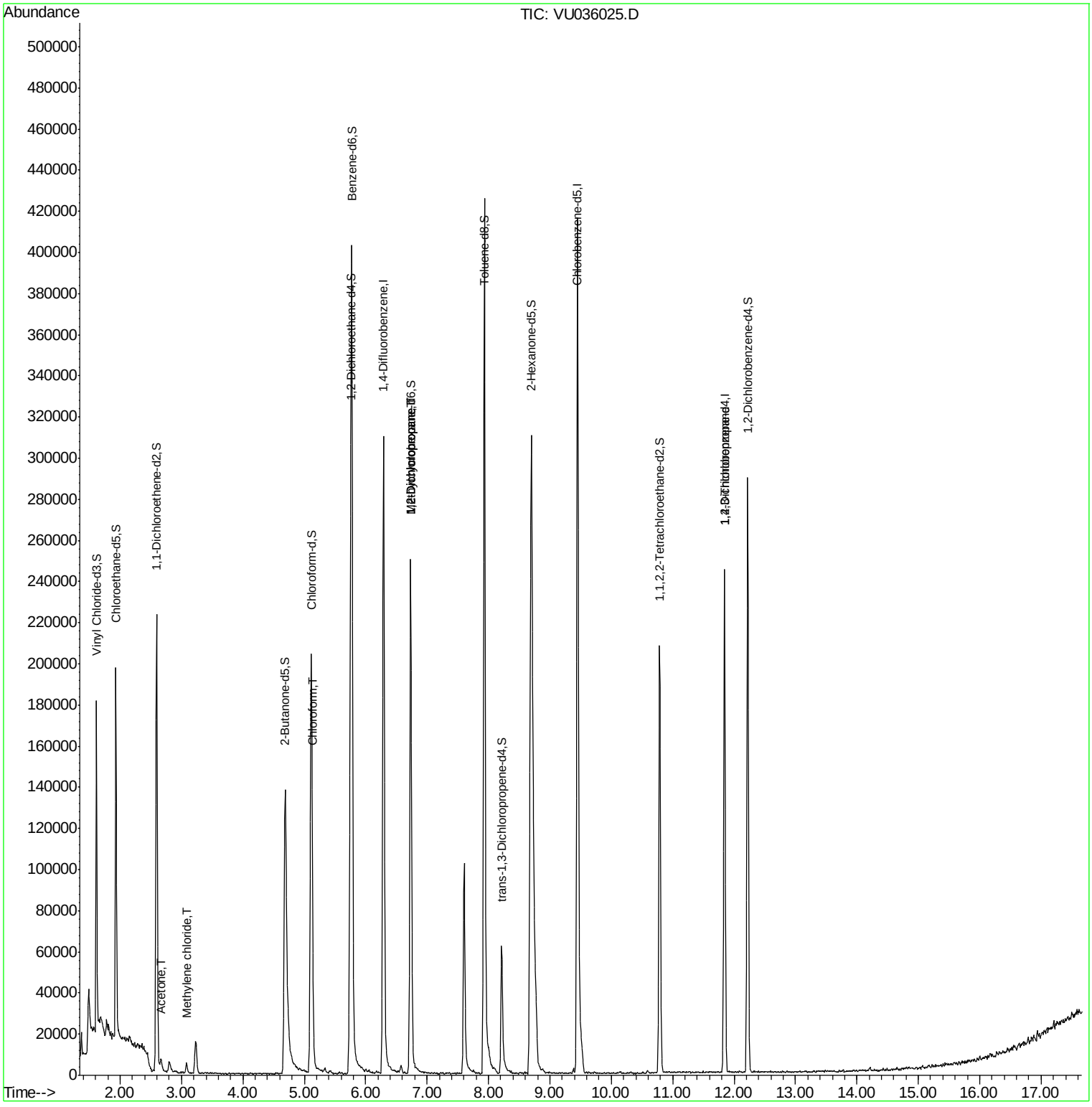
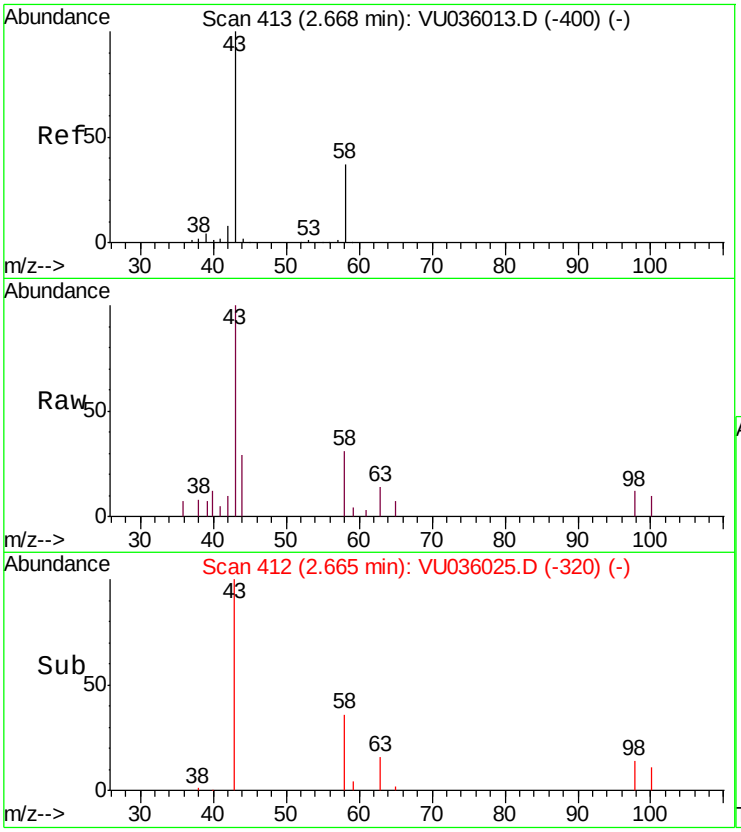


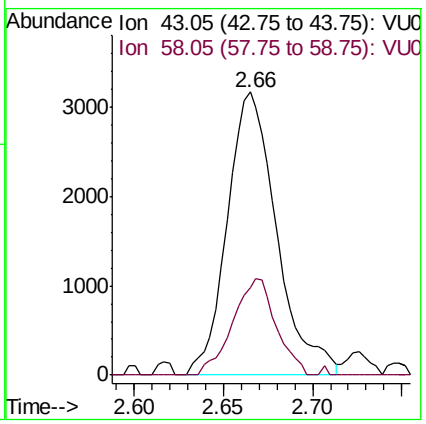


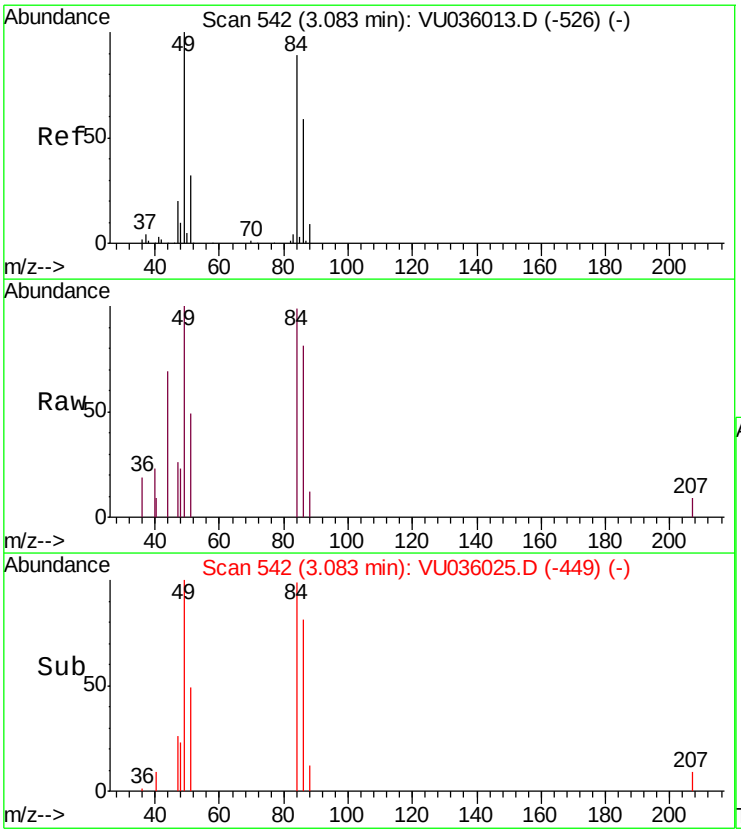
#13
Acetone
Concen: 1.265 ug/L
RT: 2.66 min Scan# 412
Delta R.T. -0.00 min
Lab File: VU036025.D
Acq: 06 Dec 2019 15:37

Instrument : MSVOA_U
ClientSampleId : BFQY4

Tgt Ion: 43 Resp: 6133

Ion	Ratio	Lower	Upper
43	100		
58	29.9	0.0	68.6

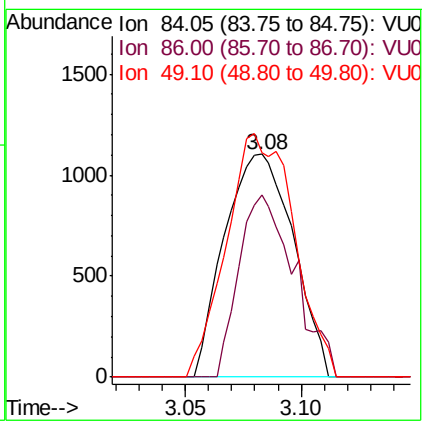


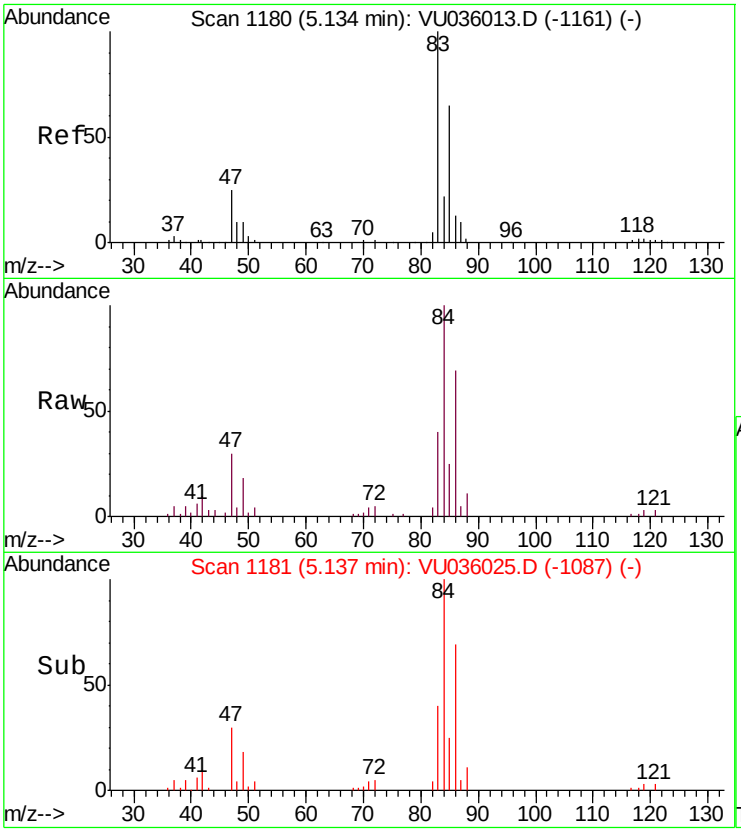


#16
Methylene chloride
Concen: 0.077 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU036025.D
Acq: 06 Dec 2019 15:37

Tgt Ion: 84 Resp: 2281

Ion	Ratio	Lower	Upper
84	100		
86	82.0	44.7	82.9
49	100.9	86.2	160.2



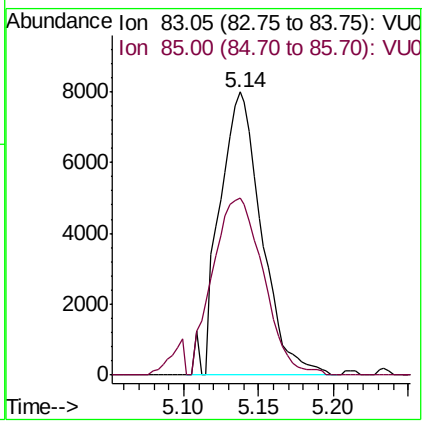


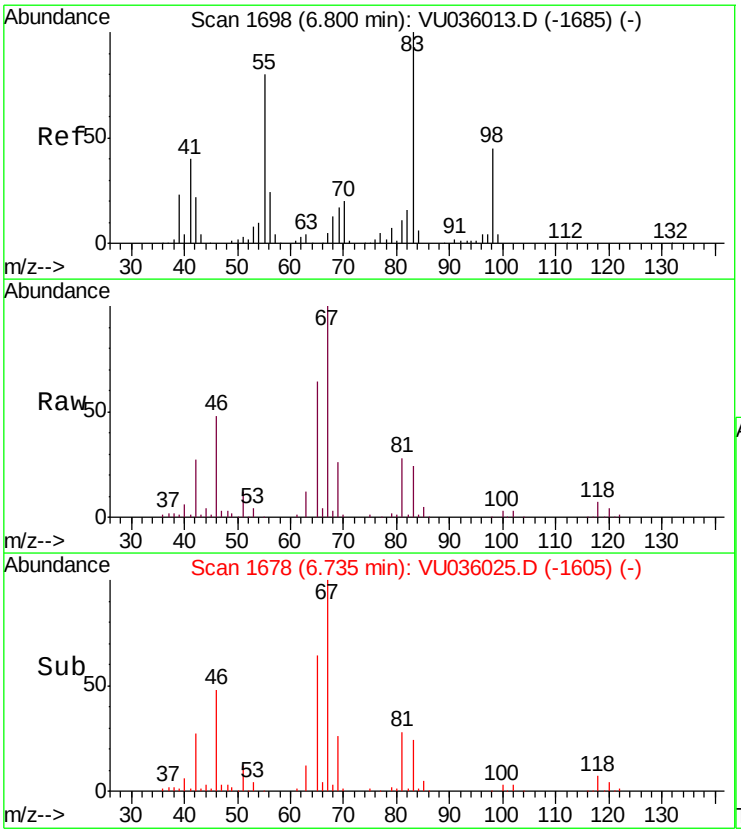
#25
Chloroform
Concen: 0.392 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU036025.D
Acq: 06 Dec 2019 15:37

Instrument :
MSVOA_U
ClientSampleId :
BFQY4

Tgt Ion: 83 Resp: 15606

Ion	Ratio	Lower	Upper
83	100		
85	62.7	45.4	84.2

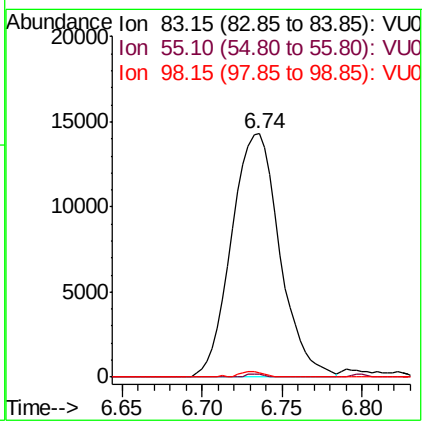


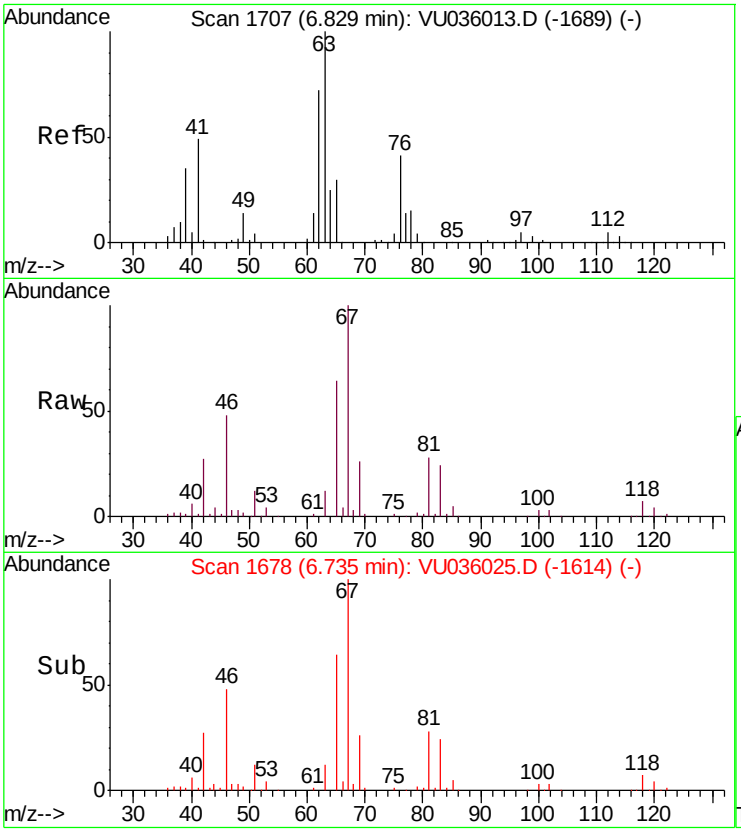


#35
Methylcyclohexane
Concen: 0.841 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU036025.D
Acq: 06 Dec 2019 15:37

Tgt Ion: 83 Resp: 29556

Ion	Ratio	Lower	Upper
83	100		
55	0.4	67.4	101.0#
98	1.0	34.6	52.0#



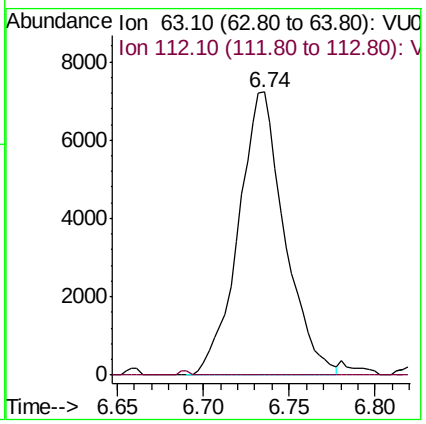


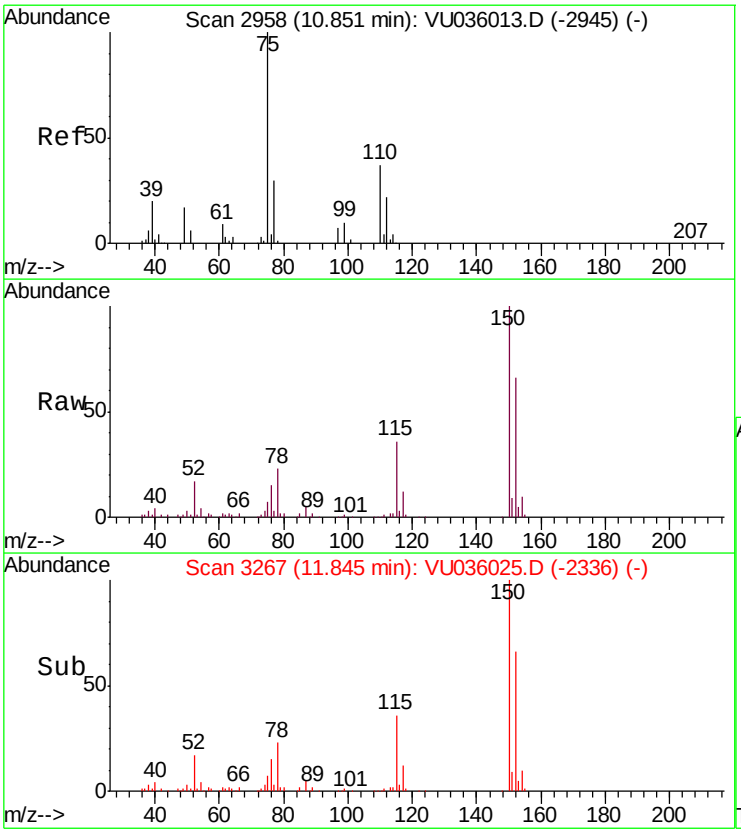
#37
1,2-Dichloropropane
Concen: 0.537 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.09 min
Lab File: VU036025.D
Acq: 06 Dec 2019 15:37

Instrument : MSVOA_U
ClientSampleId : BFQY4

Tgt Ion: 63 Resp: 13480

Ion	Ratio	Lower	Upper
63	100		
112	0.3	3.3	4.9#





#59
1,2,3-Trichloropropane
Concen: 0.509 ug/L
RT: 11.84 min Scan# 3267
Delta R.T. 0.99 min
Lab File: VU036025.D
Acq: 06 Dec 2019 15:37

Tgt Ion: 75 Resp: 8314

Ion	Ratio	Lower	Upper
75	100		
77	37.2	26.6	39.8