Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022820\
Data File : VU036972.D
Acq On : 28 Feb 2020 14:44
Operator : JC/MD
Sample : L1686-08ME
Misc : 6.90g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAW05ME

Quant Time: Feb 29 03:01:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 29 00:30:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	261589	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	255803	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	106951	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	81573	37.13	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 74.26%			
7) Chloroethane-d5	1.89	69	28689	15.78	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 31.56%#			
11) 1,1-Dichloroethene-d2	2.56	63	109564	29.78	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 59.56%#			
21) 2-Butanone-d5	4.68	46	144362	97.97	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 97.97%			
24) Chloroform-d	5.10	84	146759	43.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.50%			
26) 1,2-Dichloroethane-d4	5.74	65	105654	46.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.08%			
32) Benzene-d6	5.75	84	329563	44.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.10%			
36) 1,2-Dichloropropane-d6	6.72	67	109735	45.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 91.58%			
41) Toluene-d8	7.92	98	302975	44.15	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.30%			
43) trans-1,3-Dichloropropene-	8.20	79	48396	43.45	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.90%			
47) 2-Hexanone-d5	8.67	63	122113	104.21	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 104.21%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	169413	50.14	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.28%			
64) 1,2-Dichlorobenzene-d4	12.21	152	102006	48.79	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.58%			
Target Compounds						Qvalue
13) Acetone	2.67	43	10971	7.238	ug/L	99
15) Methyl Acetate	2.99	43	4629	2.004	ug/L	99
22) 2-Butanone	4.76	43	48407	26.485	ug/L	100
34) Trichloroethene	6.57	95	25368	12.772	ug/L	98
42) Toluene	7.99	91	22910	2.661	ug/L	98
46) Tetrachloroethene	8.57	164	274687	209.931	ug/L	99

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

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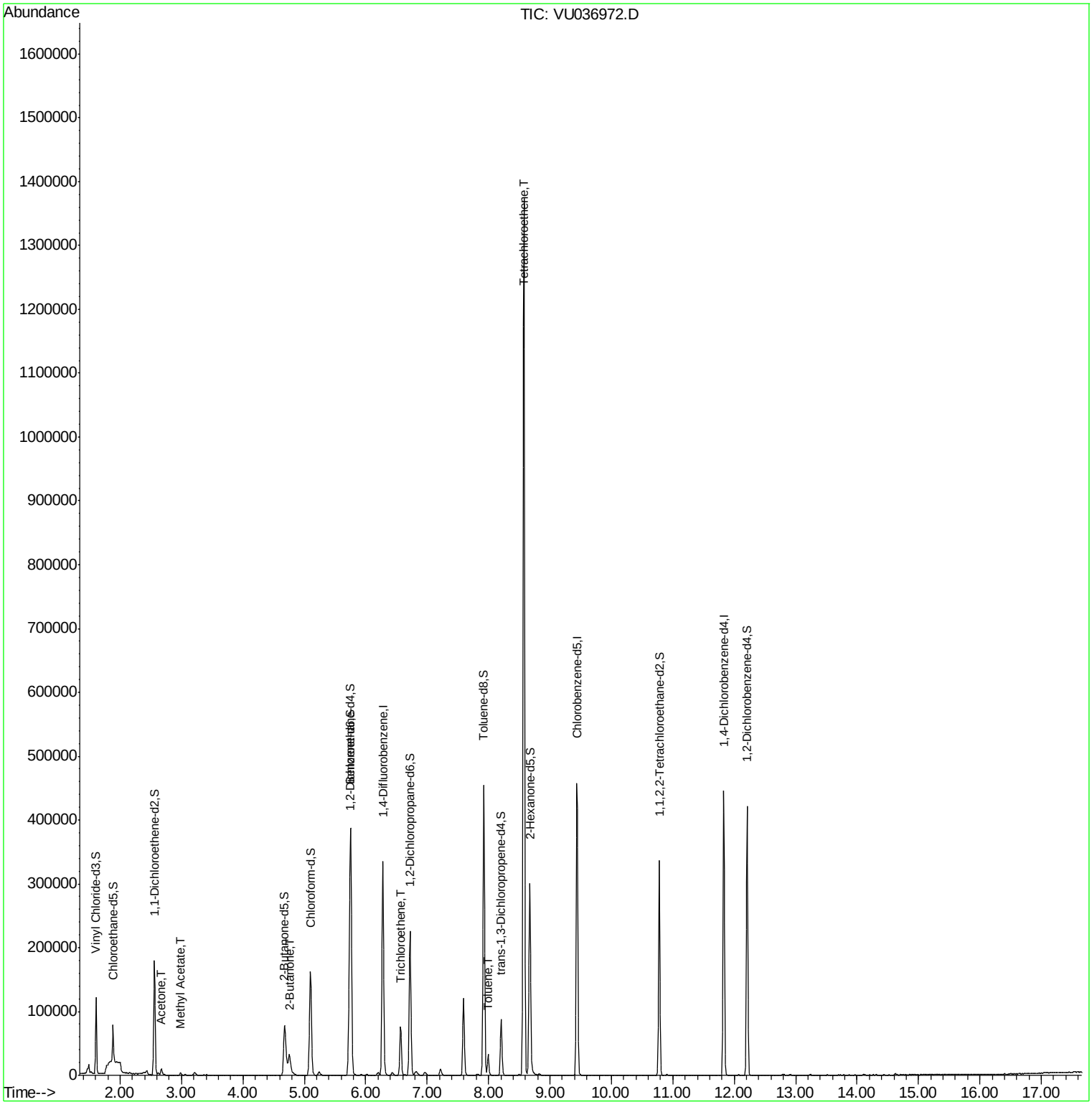
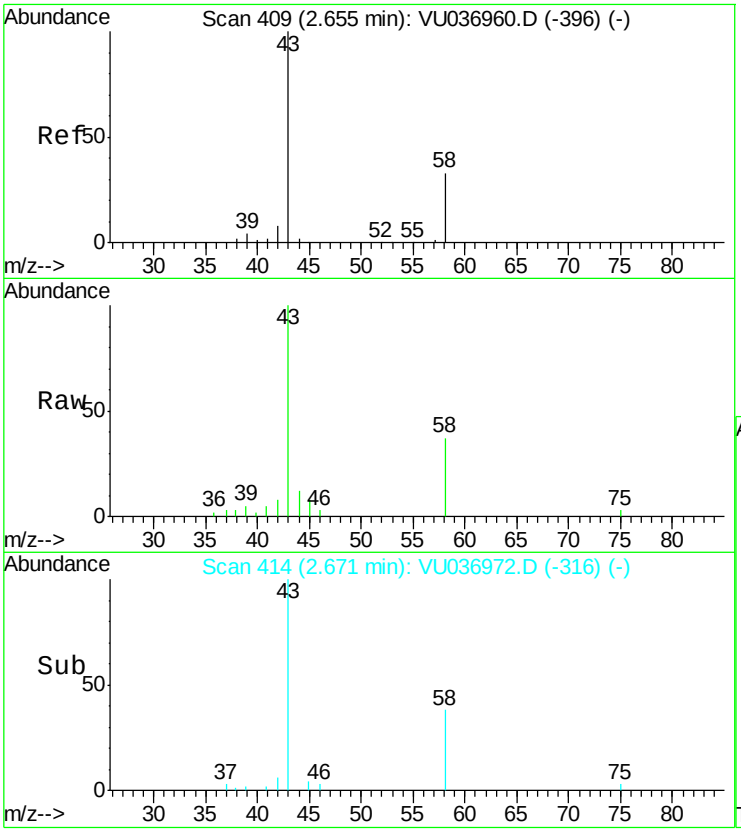


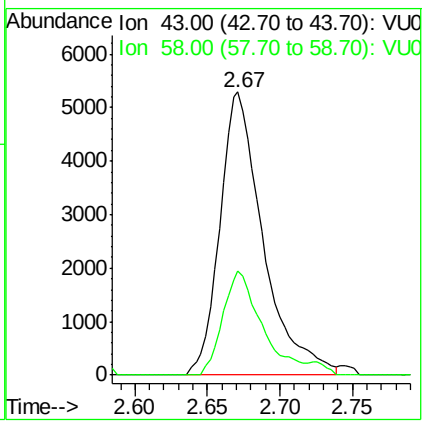


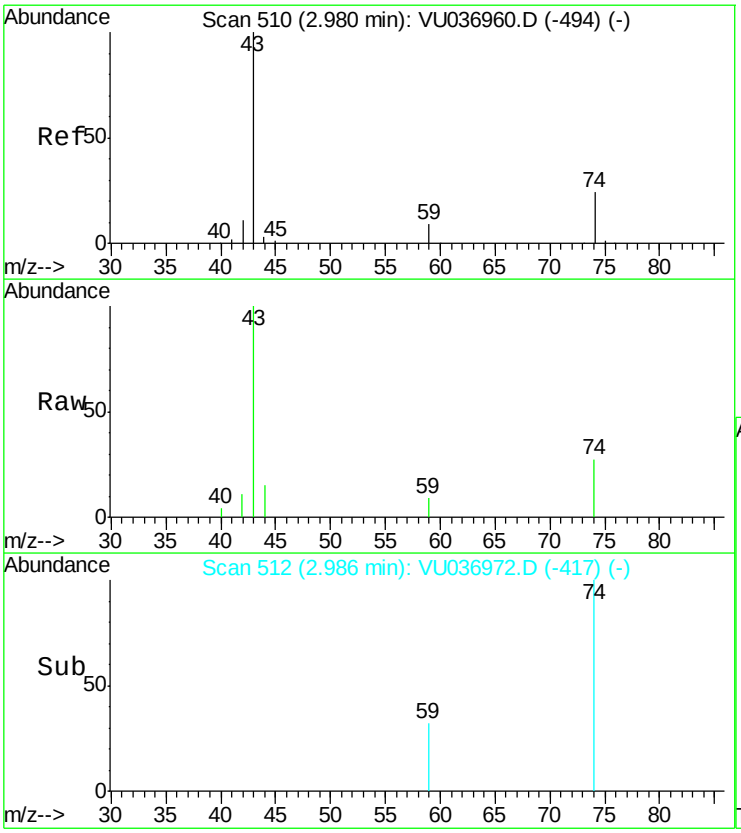
#13
Acetone
Concen: 7.238 ug/L
RT: 2.67 min Scan# 414
Delta R.T. 0.02 min
Lab File: VU036972.D
Acq: 28 Feb 2020 14:44

Instrument : MSVOA_U
ClientSampleId : GAW05ME

Tgt Ion: 43 Resp: 10971

Ion	Ratio	Lower	Upper
43	100		
58	33.1	0.0	64.6

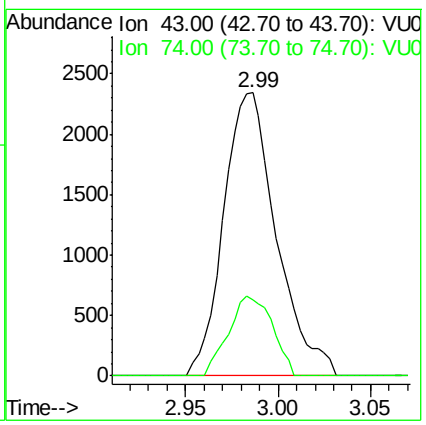


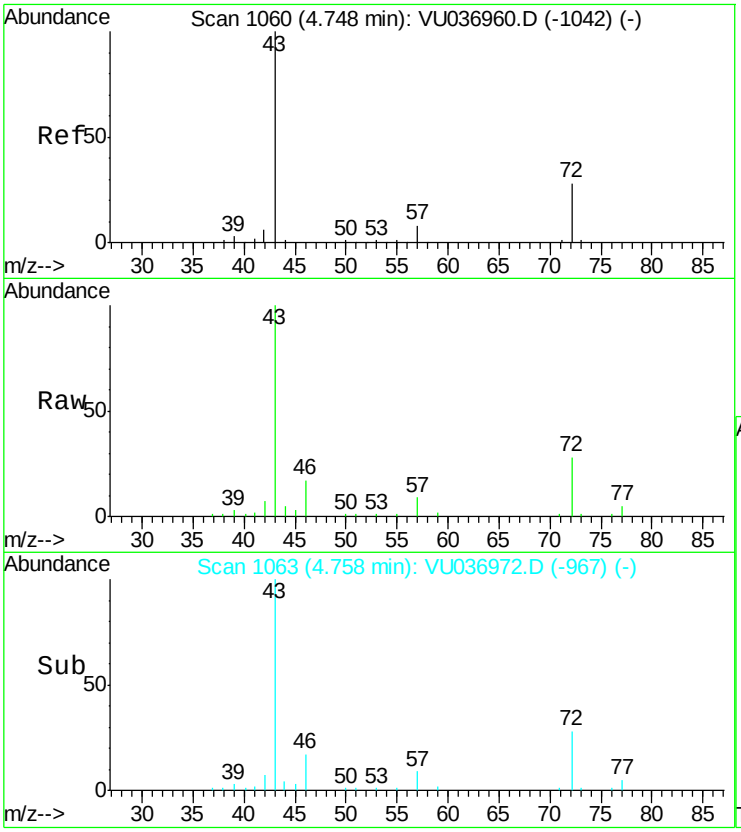


#15
Methyl Acetate
Concen: 2.004 ug/L
RT: 2.99 min Scan# 512
Delta R.T. 0.01 min
Lab File: VU036972.D
Acq: 28 Feb 2020 14:44

Tgt Ion: 43 Resp: 4629

Ion	Ratio	Lower	Upper
43	100		
74	23.4	19.0	28.4



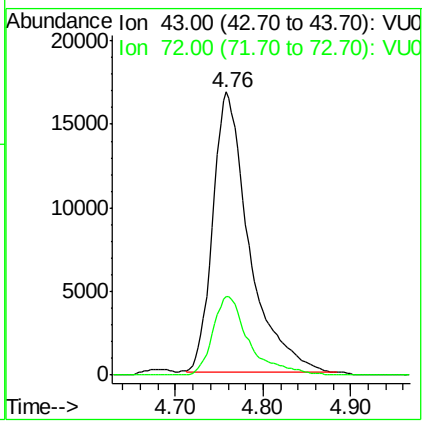


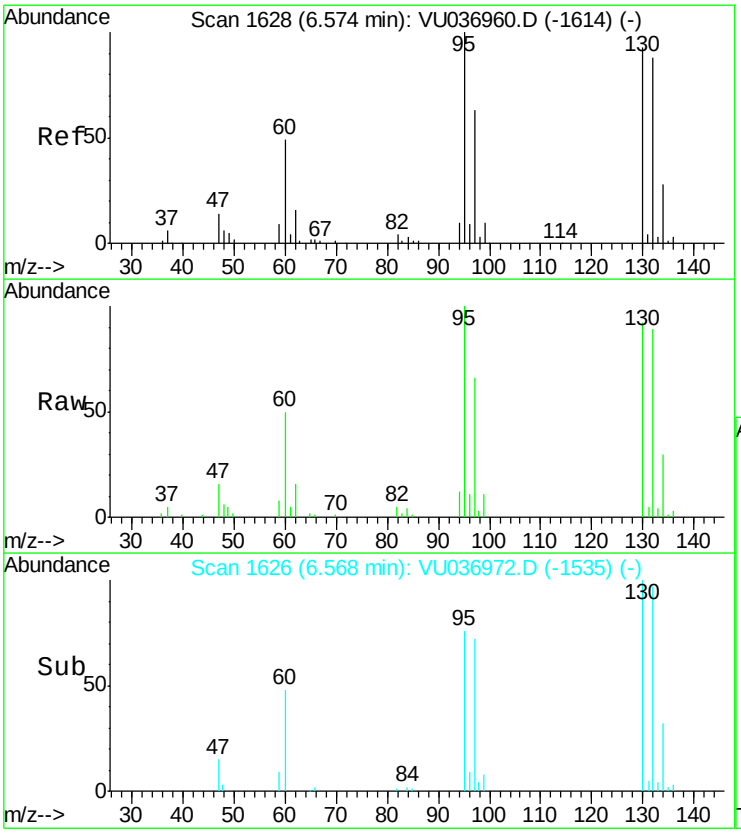
#22
2-Butanone
Concen: 26.485 ug/L
RT: 4.76 min Scan# 1063
Delta R.T. 0.01 min
Lab File: VU036972.D
Acq: 28 Feb 2020 14:44

Instrument : MSVOA_U
ClientSampleId : GAW05ME

Tgt Ion: 43 Resp: 48407

Ion	Ratio	Lower	Upper
43	100		
72	27.9	13.9	41.6

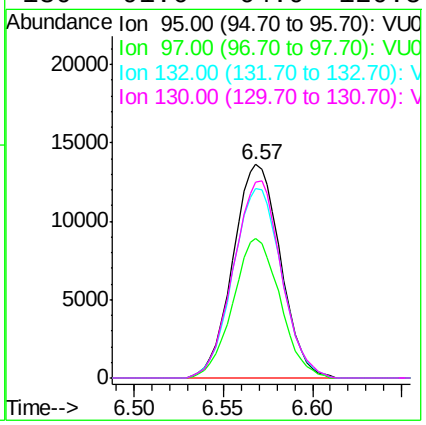


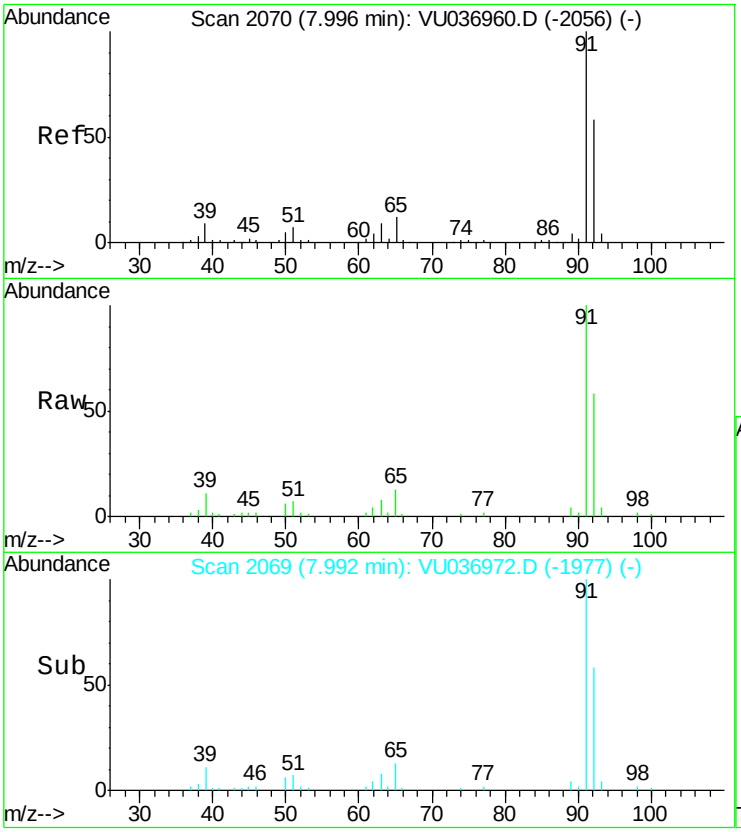


#34
Trichloroethene
Concen: 12.772 ug/L
RT: 6.57 min Scan# 1626
Delta R.T. -0.01 min
Lab File: VU036972.D
Acq: 28 Feb 2020 14:44

Tgt Ion: 95 Resp: 25368

Ion	Ratio	Lower	Upper
95	100		
97	65.6	44.1	81.9
132	89.0	60.6	112.6
130	91.6	64.9	120.5



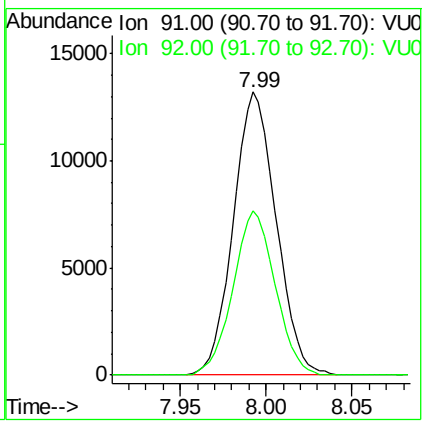


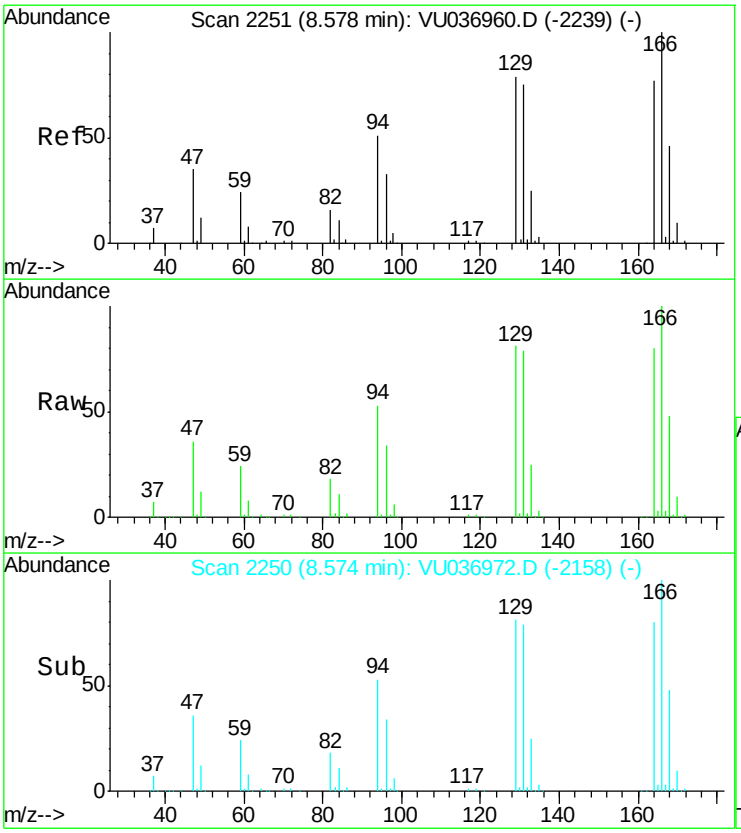
#42
Toluene
Concen: 2.661 ug/L
RT: 7.99 min Scan# 2069
Delta R.T. -0.00 min
Lab File: VU036972.D
Acq: 28 Feb 2020 14:44

Instrument : MSVOA_U
ClientSampleId : GAW05ME

Tgt Ion: 91 Resp: 22910

Ion	Ratio	Lower	Upper
91	100		
92	57.9	39.4	73.2





#46
Tetrachloroethene
Concen: 209.931 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. -0.00 min
Lab File: VU036972.D
Acq: 28 Feb 2020 14:44

Tgt Ion:164 Resp: 274687

Ion	Ratio	Lower	Upper
164	100		
129	102.4	72.0	133.8
131	98.9	67.9	126.1
166	125.7	87.1	161.7