Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021419\
Data File : VU029452.D
Acq On : 14 Feb 2019 13:00
Operator : JC/SP
Sample : K1436-21MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ESXB3MS

Quant Time: Feb 15 01:23:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 15 00:42:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	227817	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	212887	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	115452	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	54126	3.54	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 70.80%			
7) Chloroethane-d5	1.68	69	49858	3.69	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 73.80%			
11) 1,1-Dichloroethene-d2	2.27	63	133524	4.01	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 80.20%			
20) 2-Butanone-d5	4.19	46	133208	41.86	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 83.72%			
24) Chloroform-d	4.65	84	93747	3.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 77.00%			
26) 1,2-Dichloroethane-d4	5.31	65	51357	3.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.20%			
32) Benzene-d6	5.34	84	209873	4.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.00%			
36) 1,2-Dichloropropane-d6	6.33	67	62633	4.14	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 82.80%			
41) Toluene-d8	7.56	98	199822	3.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.20%			
43) trans-1,3-Dichloropropene-	7.85	79	26095	3.86	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 77.20%			
46) 2-Hexanone-d5	8.31	63	135758	43.64	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.28%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	53366	4.06	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 81.20%			
64) 1,2-Dichlorobenzene-d4	11.86	152	89745	4.21	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 84.20%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.28	96	82612	4.406	ug/L	97
13) Acetone	2.33	43	5428	1.877	ug/L	99
33) Benzene	5.39	78	281495	4.492	ug/L	100
34) Trichloroethene	6.18	95	77885	4.421	ug/L	97
42) Toluene	7.63	91	323074	4.594	ug/L	99
51) Chlorobenzene	9.12	112	216484	4.476	ug/L	99

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

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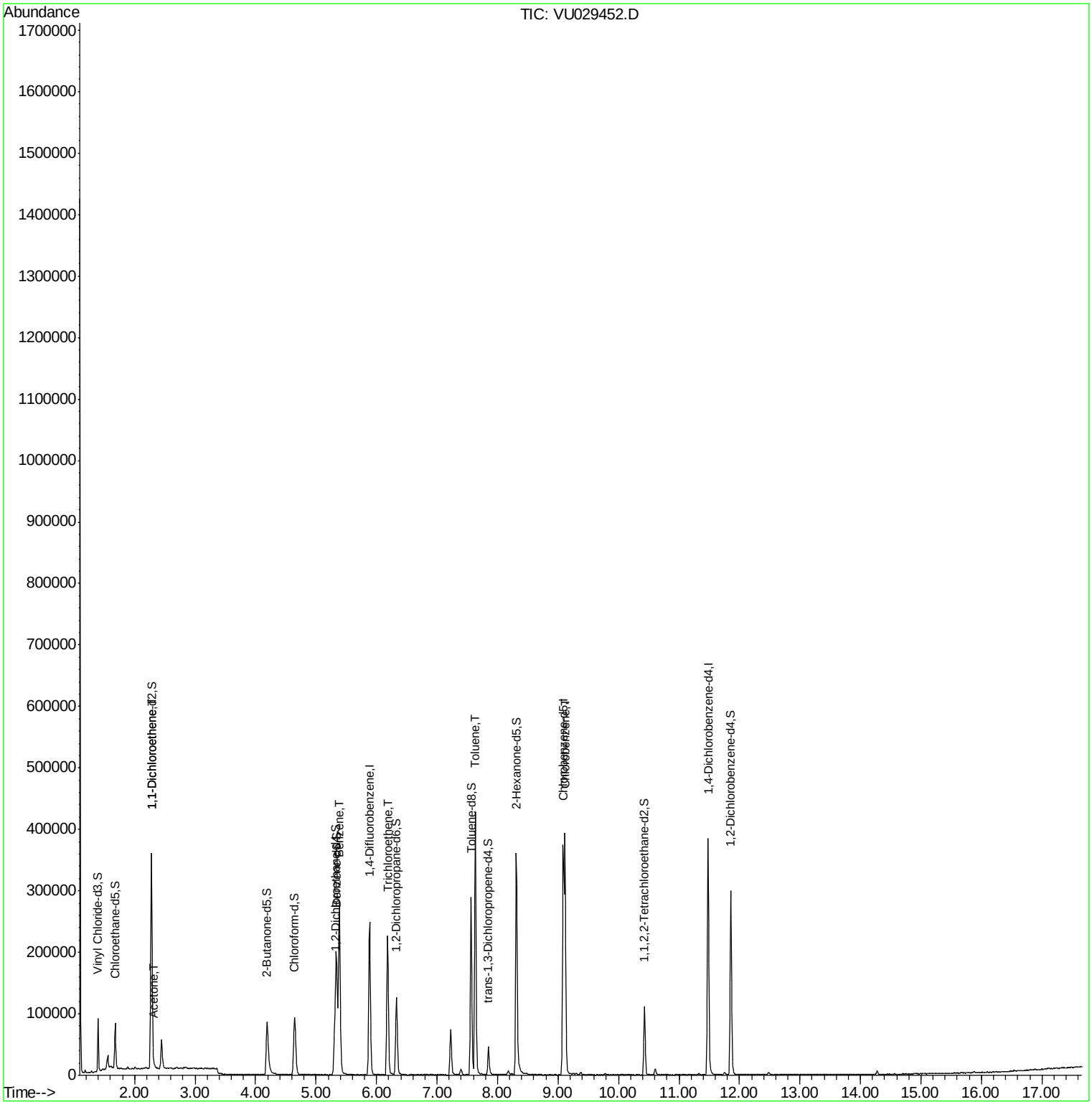
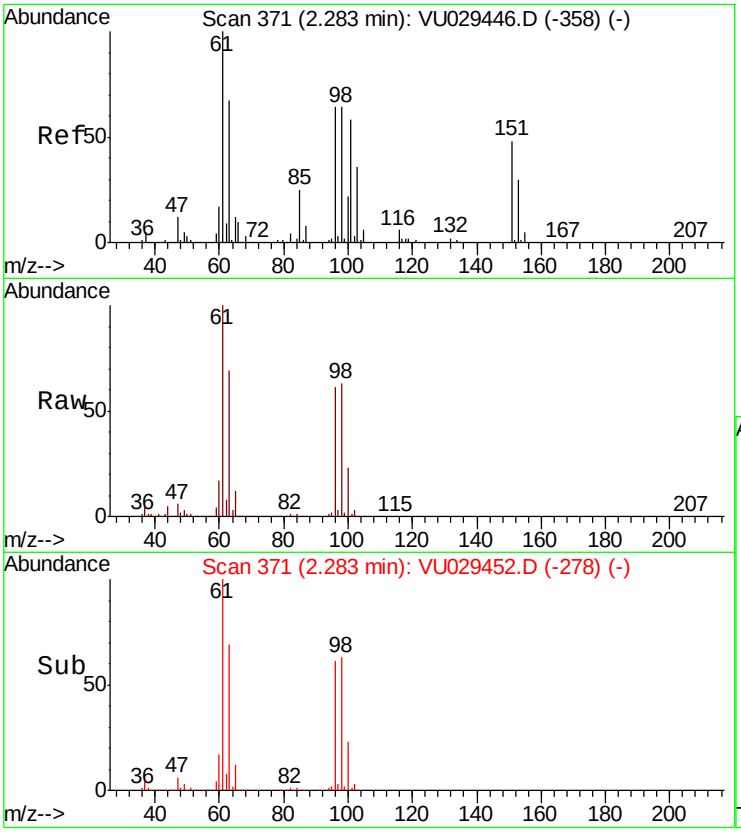


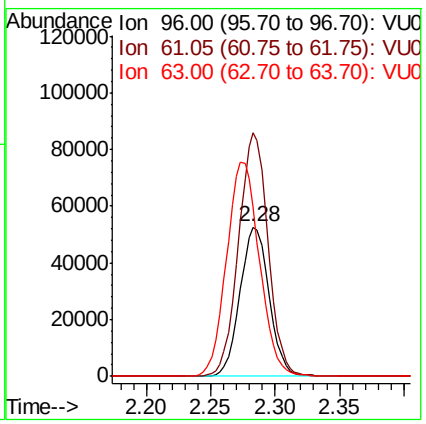


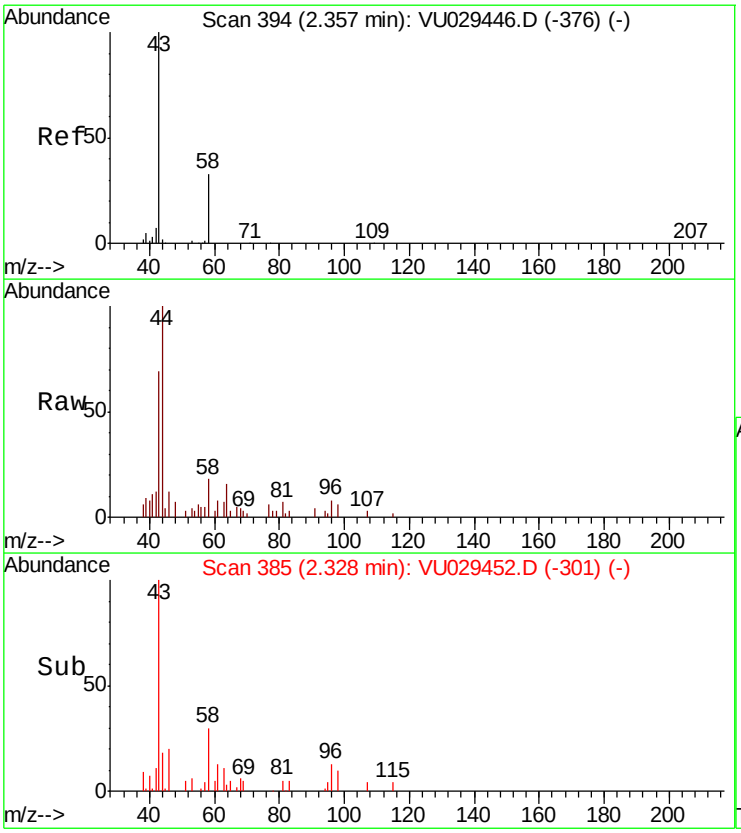
#12
1,1-Dichloroethene
Concen: 4.406 ug/L
RT: 2.28 min Scan# 371
Delta R.T. 0.00 min
Lab File: VU029452.D
Acq: 14 Feb 2019 13:00

Instrument :
MSVOA_U
ClientSampleId :
ESXB3MS

Tgt Ion: 96 Resp: 82612

Ion	Ratio	Lower	Upper
96	100		
61	162.9	115.1	213.7
63	113.0	83.5	155.1

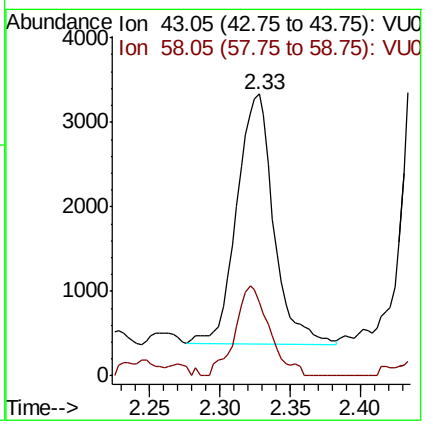


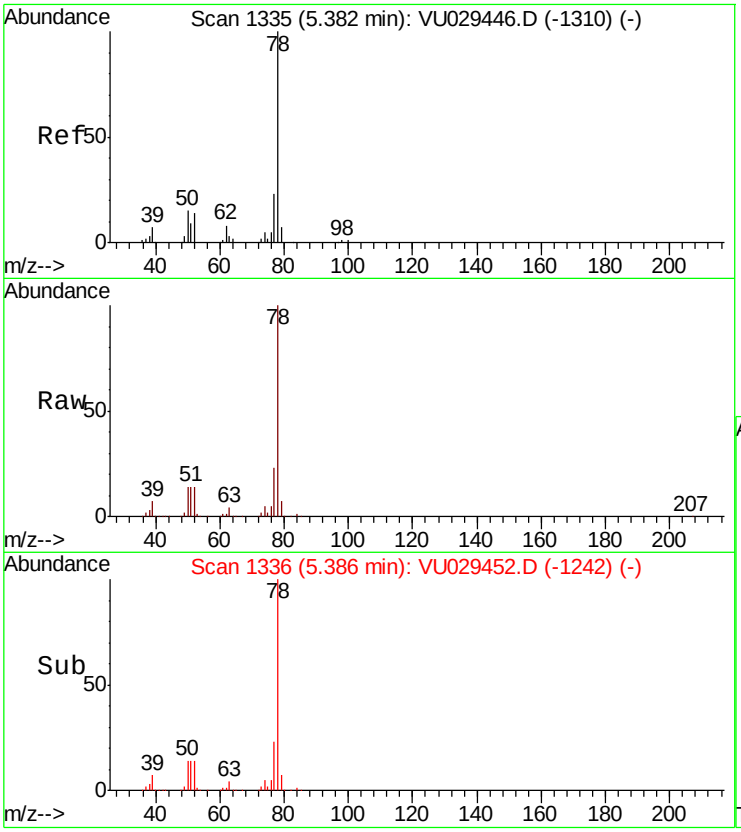


#13
Acetone
Concen: 1.877 ug/L
RT: 2.33 min Scan# 385
Delta R.T. -0.03 min
Lab File: VU029452.D
Acq: 14 Feb 2019 13:00

Tgt Ion: 43 Resp: 5428

Ion	Ratio	Lower	Upper
43	100		
58	33.2	0.0	65.0

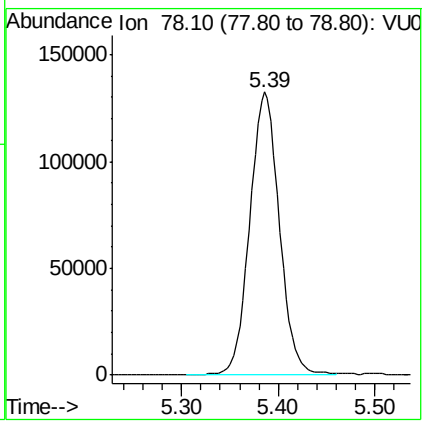


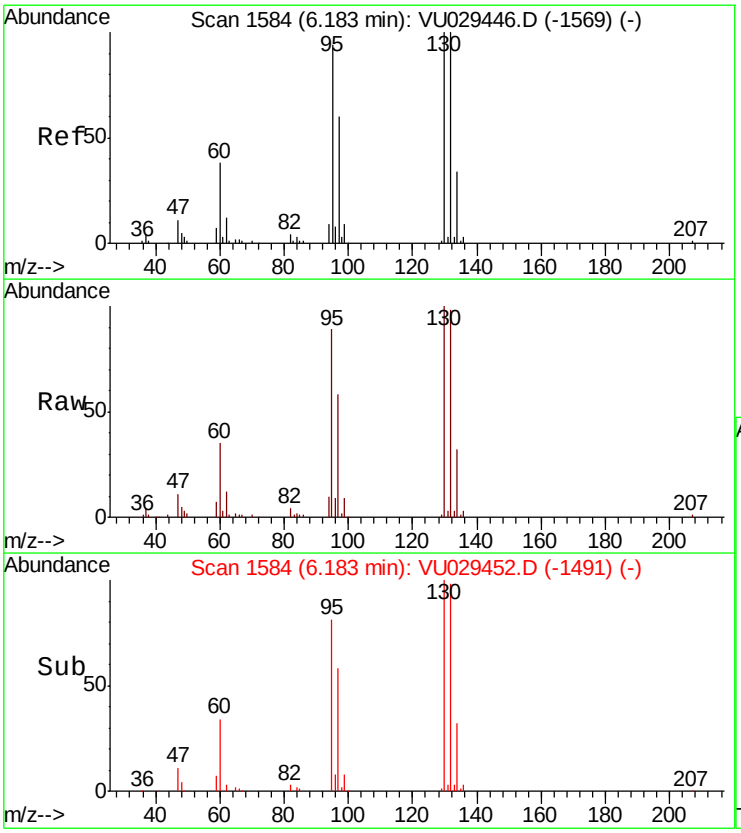


#33
Benzene
Concen: 4.492 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU029452.D
Acq: 14 Feb 2019 13:00

Instrument :
MSVOA_U
ClientSampleId :
ESXB3MS

Tgt Ion: 78 Resp: 281495

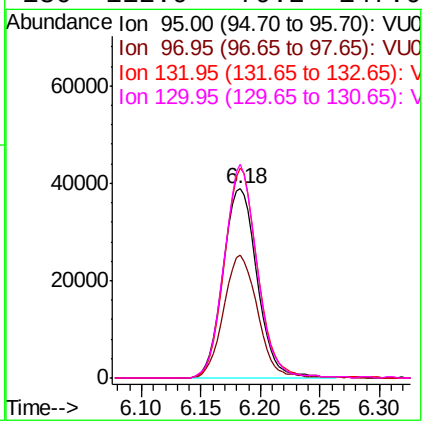


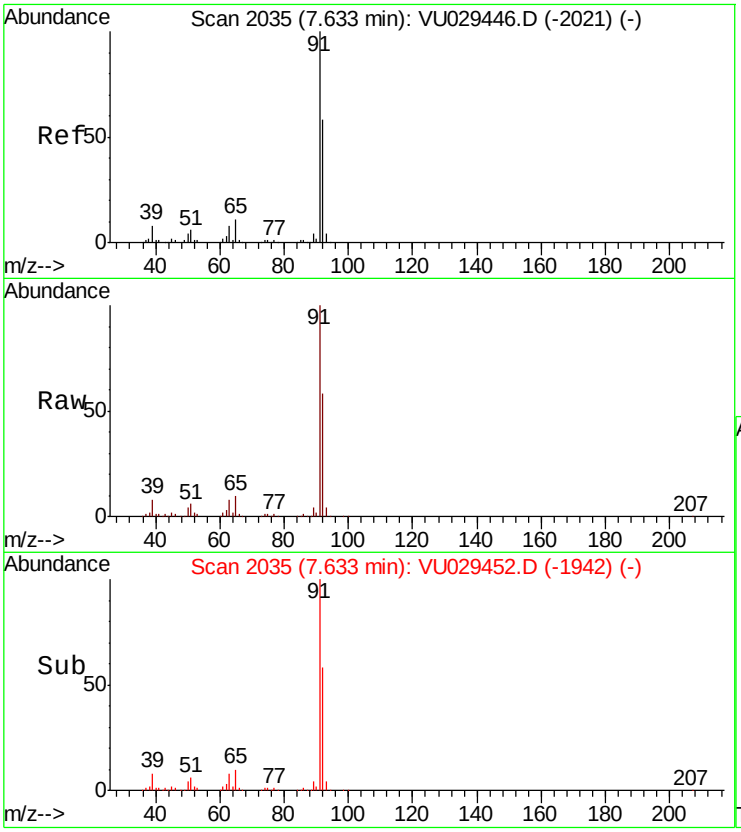


#34
Trichloroethene
Concen: 4.421 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU029452.D
Acq: 14 Feb 2019 13:00

Tgt Ion: 95 Resp: 77885

Ion	Ratio	Lower	Upper
95	100		
97	65.0	46.3	86.1
132	110.9	72.9	135.3
130	112.9	79.2	147.0



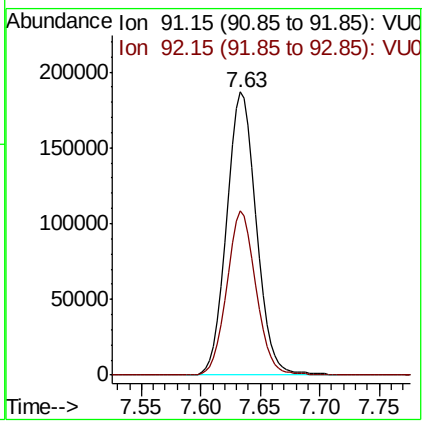


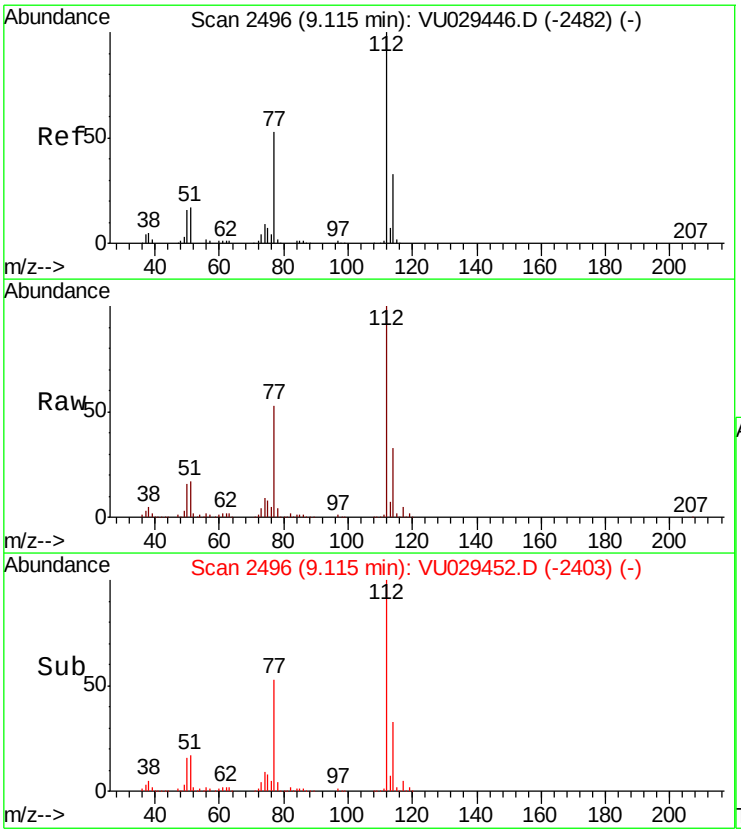
#42
Toluene
Concen: 4.594 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. 0.00 min
Lab File: VU029452.D
Acq: 14 Feb 2019 13:00

Instrument :
MSVOA_U
ClientSampleId :
ESXB3MS

Tgt Ion: 91 Resp: 323074

Ion	Ratio	Lower	Upper
91	100		
92	57.8	39.8	73.8





#51
Chlorobenzene
Concen: 4.476 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU029452.D
Acq: 14 Feb 2019 13:00

Tgt Ion:112 Resp: 216484

Ion	Ratio	Lower	Upper
112	100		
114	32.7	22.9	42.5
77	52.8	41.8	62.6