Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111718\
Data File : VU028236.D
Acq On : 17 Nov 2018 19:53
Operator : MD/SY
Sample : J5986-07DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FJ0DL

Quant Time: Nov 19 03:44:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Nov 19 03:08:19 2018
Response via : Initial Calibration

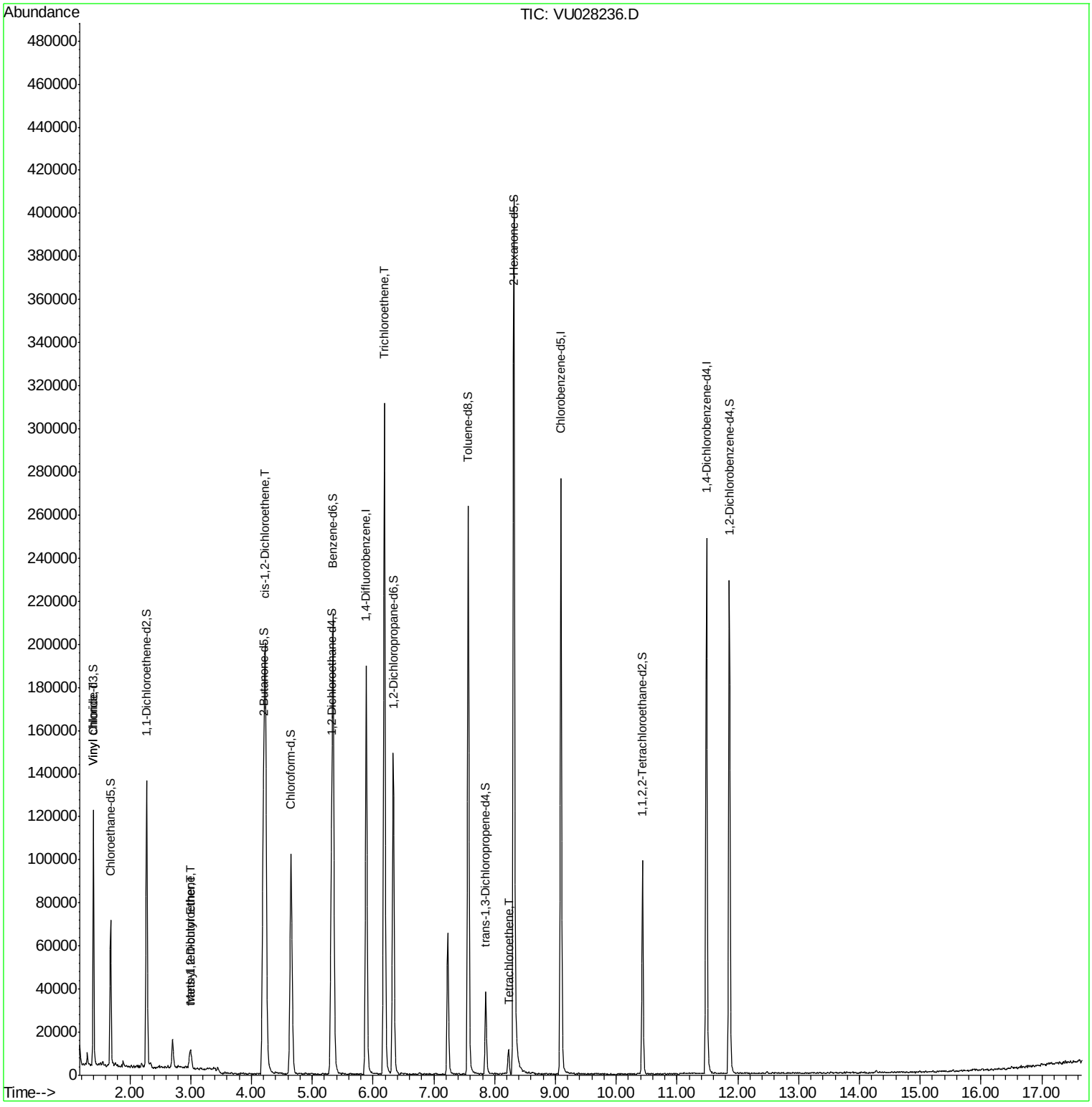
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	147171	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	139956	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	62247	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	54728	4.94	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.80%			
7) Chloroethane-d5	1.68	69	45198	4.73	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.60%			
11) 1,1-Dichloroethene-d2	2.28	63	80636	3.66	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 73.20%			
20) 2-Butanone-d5	4.19	46	194410	52.46	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.92%			
24) Chloroform-d	4.65	84	96494	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.40%			
26) 1,2-Dichloroethane-d4	5.32	65	56977	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.80%			
32) Benzene-d6	5.34	84	196436	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.60%			
36) 1,2-Dichloropropane-d6	6.33	67	73663	5.04	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.80%			
41) Toluene-d8	7.57	98	166385	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.20%			
43) trans-1,3-Dichloropropene-	7.86	79	20315	4.35	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.00%			
46) 2-Hexanone-d5	8.31	63	136341	48.65	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.30%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	51051	4.83	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.60%			
64) 1,2-Dichlorobenzene-d4	11.86	152	57283	4.95	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.00%			
Target Compounds						Qvalue
5) Vinyl chloride	1.41	62	23071	1.54	ug/L	96
17) Methyl tert-butyl Ether	3.01	73	6882	0.25	ug/L #	89
18) trans-1,2-Dichloroethene	2.98	96	2000	0.21	ug/L	95
22) cis-1,2-Dichloroethene	4.23	96	88317	7.74	ug/L	100
34) Trichloroethene	6.19	95	108376	9.59	ug/L	97
47) Tetrachloroethene	8.23	164	2532	0.32	ug/L	90

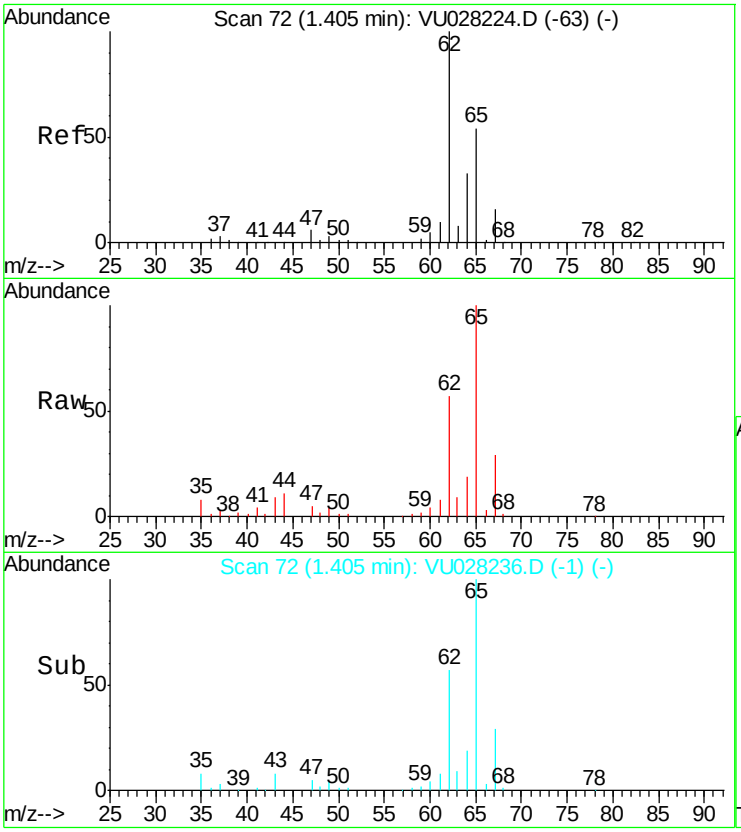
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111718\
Data File : VU028236.D
Acq On : 17 Nov 2018 19:53
Operator : MD/SY
Sample : J5986-07DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0FJ0DL

Quant Time: Nov 19 03:44:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Nov 19 03:08:19 2018
Response via : Initial Calibration



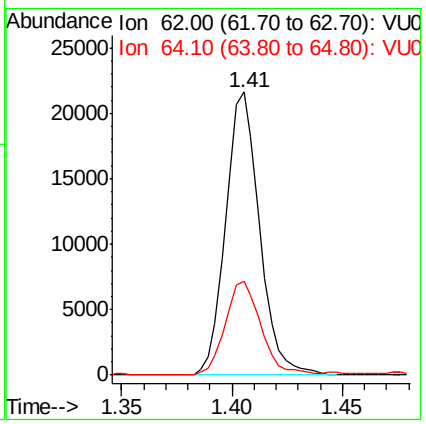


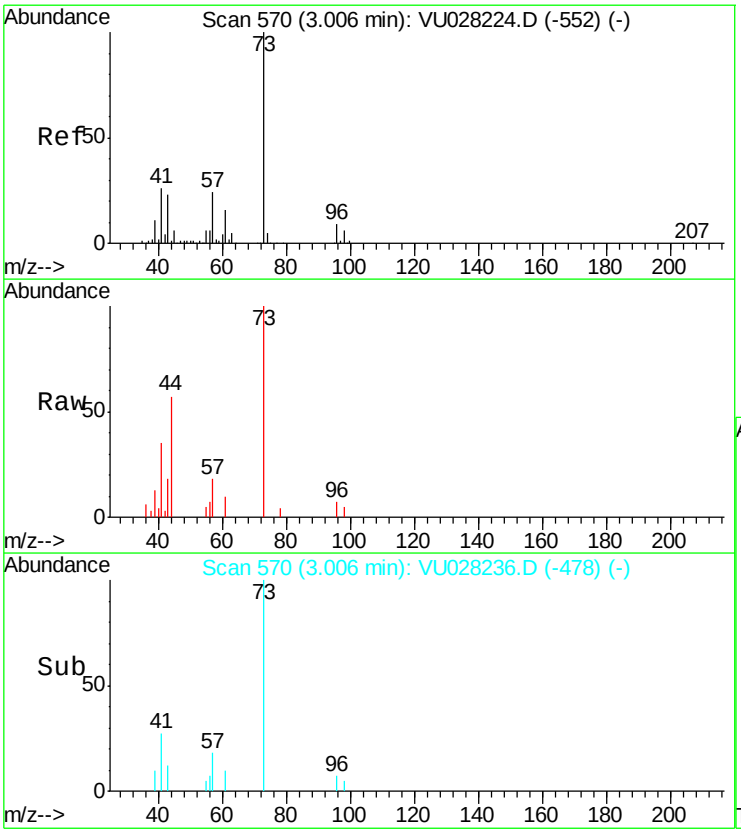
#5
Vinyl chloride
Concen: 1.54 ug/L
RT: 1.41 min Scan# 72
Delta R.T. 0.00 min
Lab File: VU028236.D
Acq: 17 Nov 2018 19:53

Instrument :
MSVOA_U
ClientSampleId :
H0FJ0DL

Tgt Ion: 62 Resp: 23071

Ion	Ratio	Lower	Upper
62	100		
64	33.1	21.7	40.3

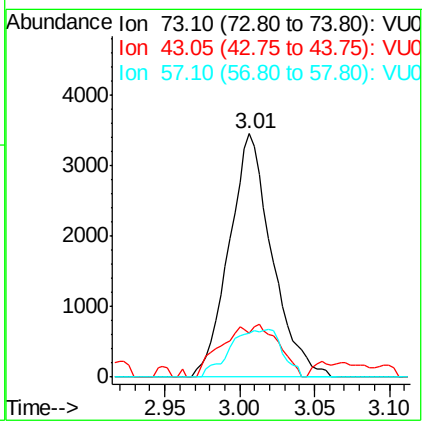


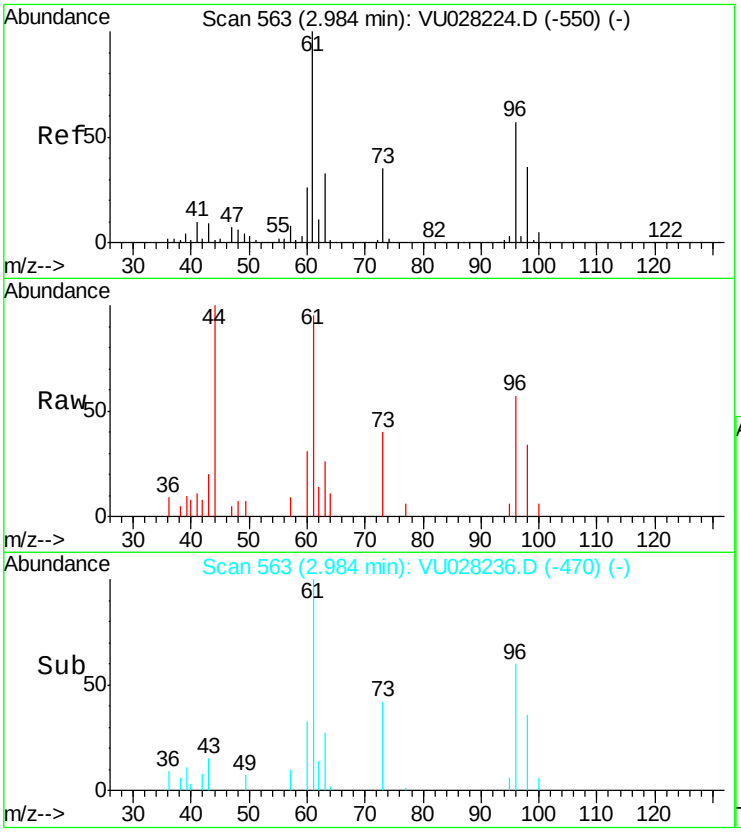


#17
Methyl tert-butyl Ether
Concen: 0.25 ug/L
RT: 3.01 min Scan# 570
Delta R.T. -0.00 min
Lab File: VU028236.D
Acq: 17 Nov 2018 19:53

Tgt Ion: 73 Resp: 6882

Ion	Ratio	Lower	Upper
73	100		
43	13.5	18.8	28.2#
57	23.6	19.2	28.8



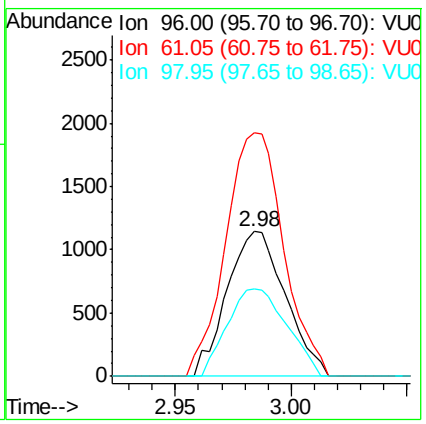


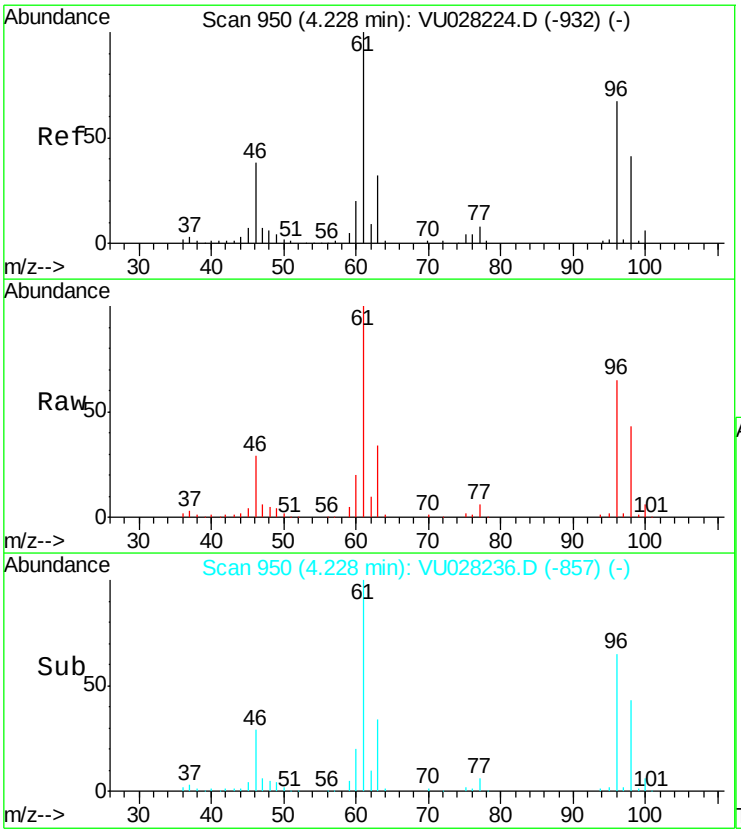
#18
trans-1,2-Dichloroethene
Concen: 0.21 ug/L
RT: 2.98 min Scan# 563
Delta R.T. 0.00 min
Lab File: VU028236.D
Acq: 17 Nov 2018 19:53

Instrument : MSVOA_U
ClientSampleId : H0FJ0DL

Tgt Ion: 96 Resp: 2000

Ion	Ratio	Lower	Upper
96	100		
61	168.0	122.2	227.0
98	60.5	44.9	83.5

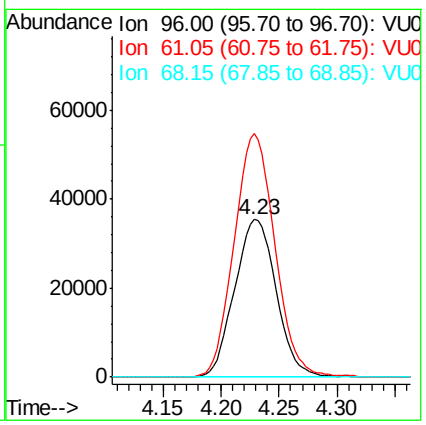


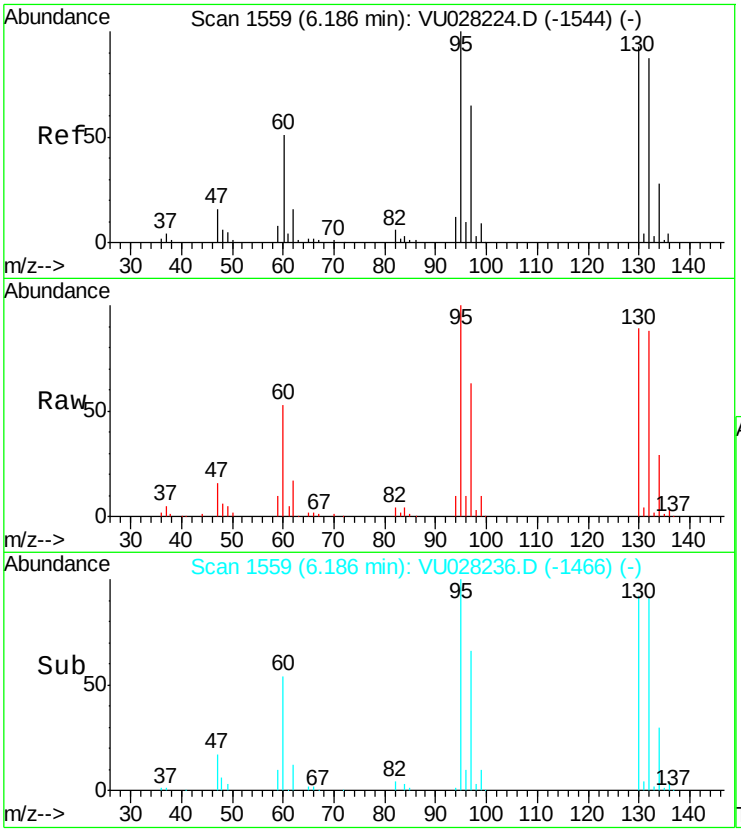


#22
cis-1,2-Dichloroethene
Concen: 7.74 ug/L
RT: 4.23 min Scan# 950
Delta R.T. 0.00 min
Lab File: VU028236.D
Acq: 17 Nov 2018 19:53

Tgt Ion: 96 Resp: 88317

Ion	Ratio	Lower	Upper
96	100		
61	154.6	108.0	200.6
68	0.0	0.0	0.0



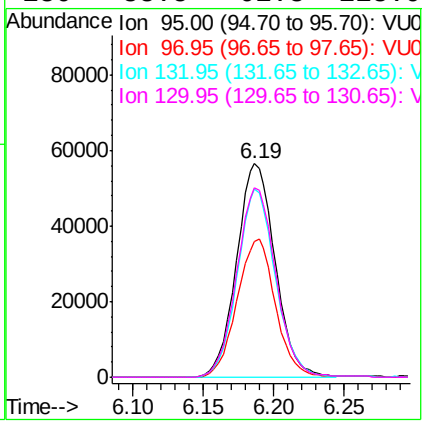


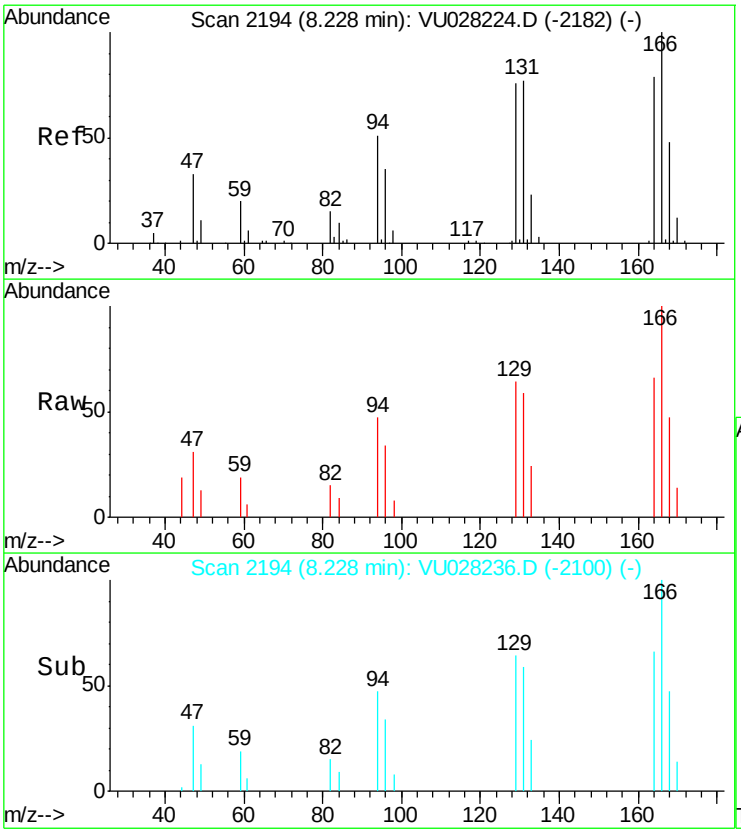
#34
Trichloroethene
Concen: 9.59 ug/L
RT: 6.19 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VU028236.D
Acq: 17 Nov 2018 19:53

Instrument : MSVOA_U
ClientSampleId : H0FJ0DL

Tgt Ion: 95 Resp: 108376

Ion	Ratio	Lower	Upper
95	100		
97	63.3	46.5	86.3
132	88.0	58.9	109.3
130	88.5	61.3	113.9





#47
Tetrachloroethene
Concen: 0.32 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU028236.D
Acq: 17 Nov 2018 19:53

Tgt Ion:164 Resp: 2532

Ion	Ratio	Lower	Upper
164	100		
129	96.2	67.6	125.6
131	88.5	66.3	123.1
166	151.3	89.2	165.6