Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111618\
Data File : VU028211.D
Acq On : 17 Nov 2018 02:53
Operator : MD/SY
Sample : J5986-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FJ2

Quant Time: Nov 17 04:21:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 17 03:46:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	164200	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	156023	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	69479	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	60571	4.45	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.00%			
7) Chloroethane-d5	1.68	69	52011	4.81	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.20%			
11) 1,1-Dichloroethene-d2	2.28	63	92322	3.63	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.60%			
20) 2-Butanone-d5	4.22	46	217399	55.01	ug/L	0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.02%			
24) Chloroform-d	4.65	84	103382	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.40%			
26) 1,2-Dichloroethane-d4	5.31	65	63455	5.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.00%			
32) Benzene-d6	5.34	84	219232	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.80%			
36) 1,2-Dichloropropane-d6	6.33	67	79245	4.95	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.00%			
41) Toluene-d8	7.57	98	187993	4.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.20%			
43) trans-1,3-Dichloropropene-	7.85	79	23775	4.16	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.20%			
46) 2-Hexanone-d5	8.32	63	162903	49.90	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.80%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	58439	5.16	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.20%			
64) 1,2-Dichlorobenzene-d4	11.86	152	66949	5.16	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	6150	0.350	ug/L #	79
17) Methyl tert-butyl Ether	3.01	73	38824	1.272	ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	1958	0.169	ug/L	71
22) cis-1,2-Dichloroethene	4.23	96	82774	6.468	ug/L	95
33) Benzene	5.40	78	8480	0.161	ug/L	100
34) Trichloroethene	6.19	95	12205	0.940	ug/L	94

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

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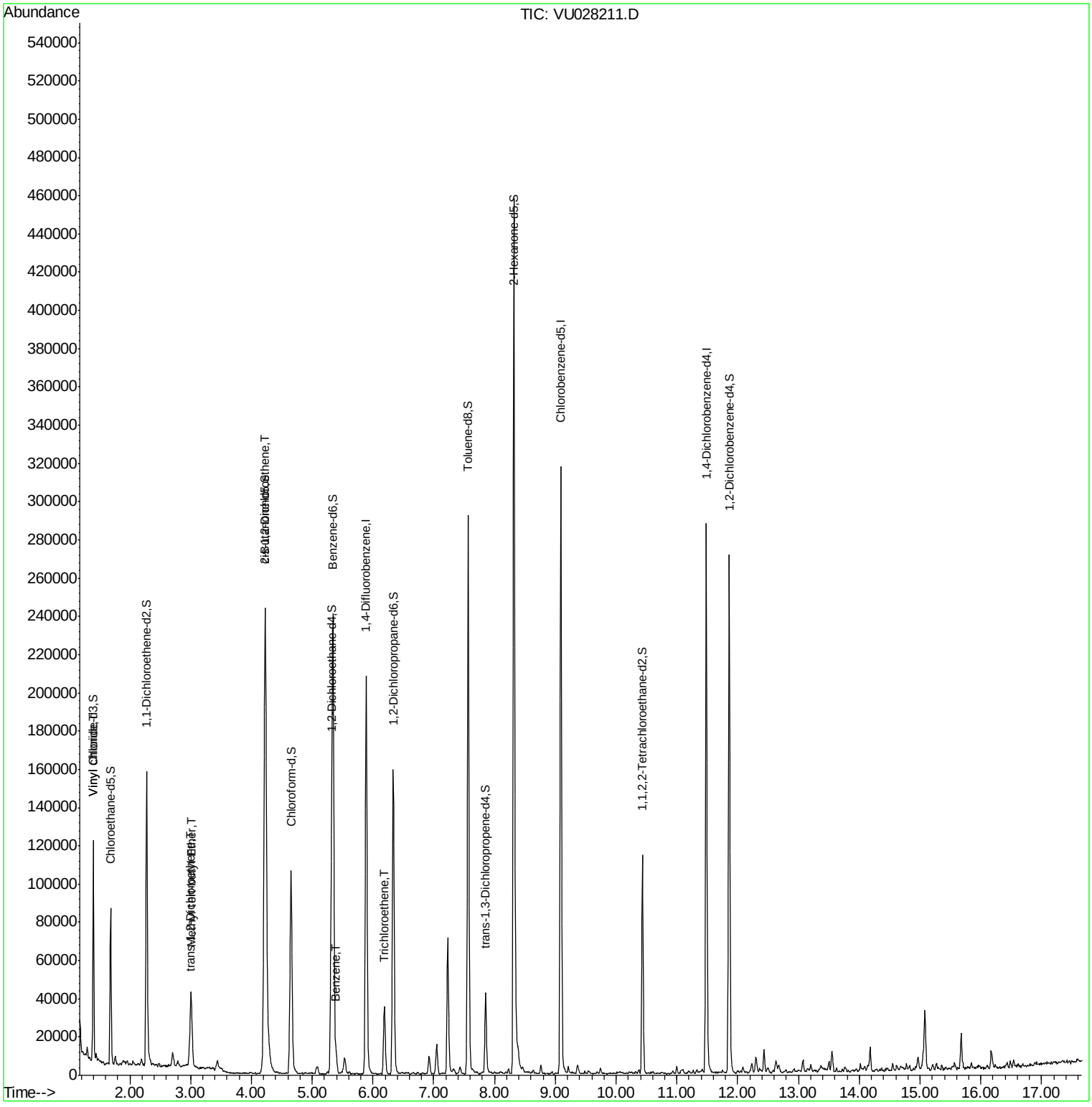
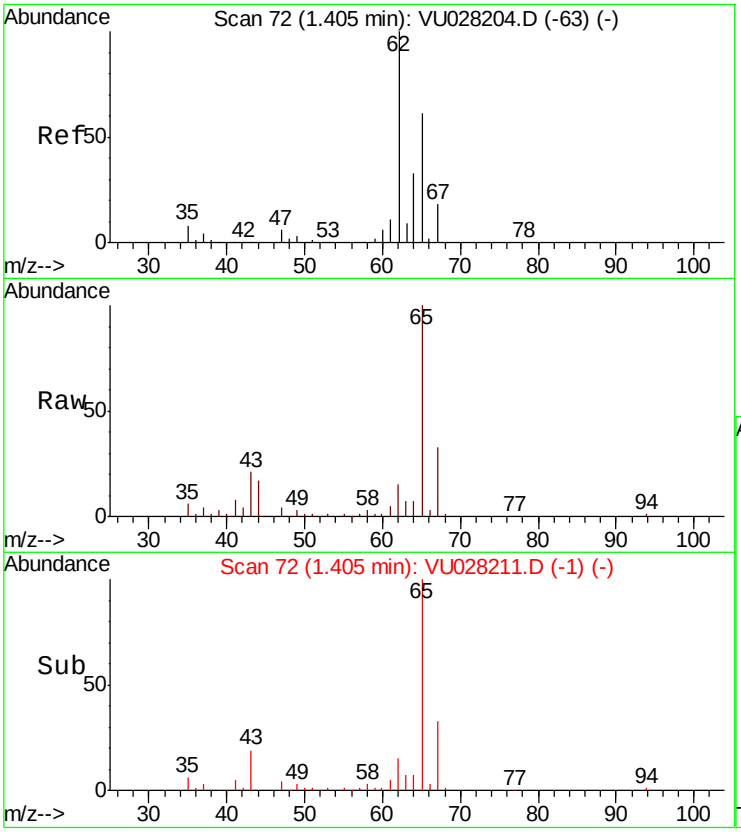


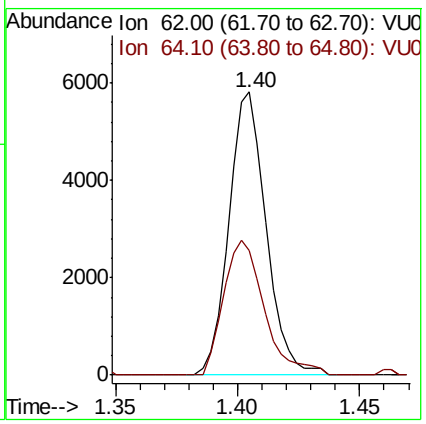


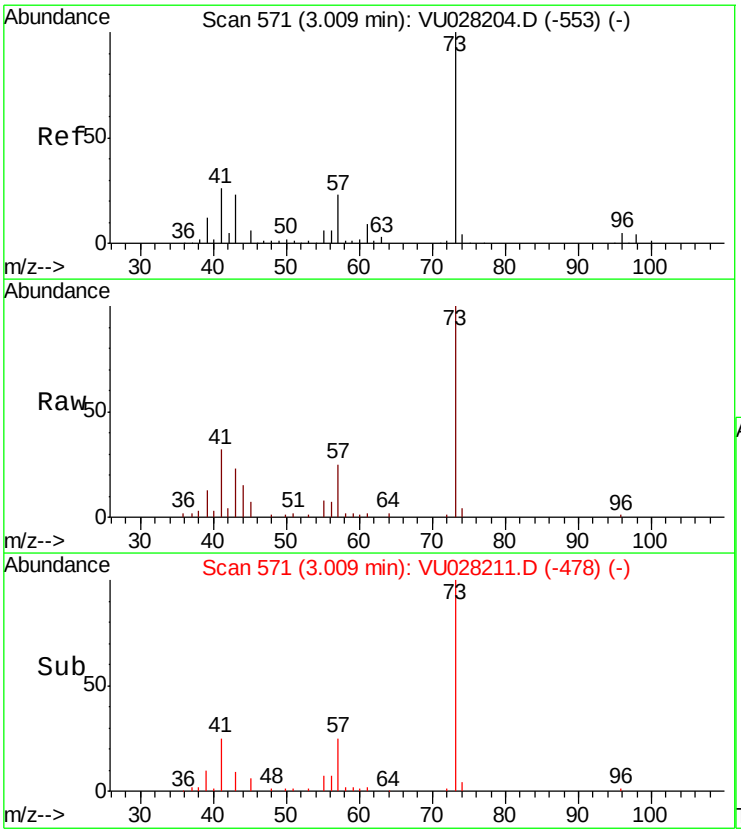
#5
Vinyl chloride
Concen: 0.350 ug/L
RT: 1.40 min Scan# 72
Delta R.T. -0.00 min
Lab File: VU028211.D
Acq: 17 Nov 2018 02:53

Instrument :
MSVOA_U
ClientSampleId :
H0FJ2

Tgt Ion: 62 Resp: 6150

Ion	Ratio	Lower	Upper
62	100		
64	44.3	22.7	42.3#

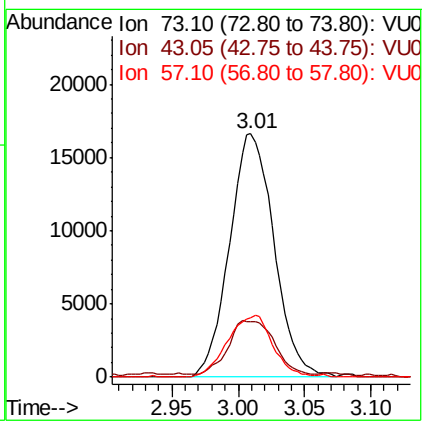


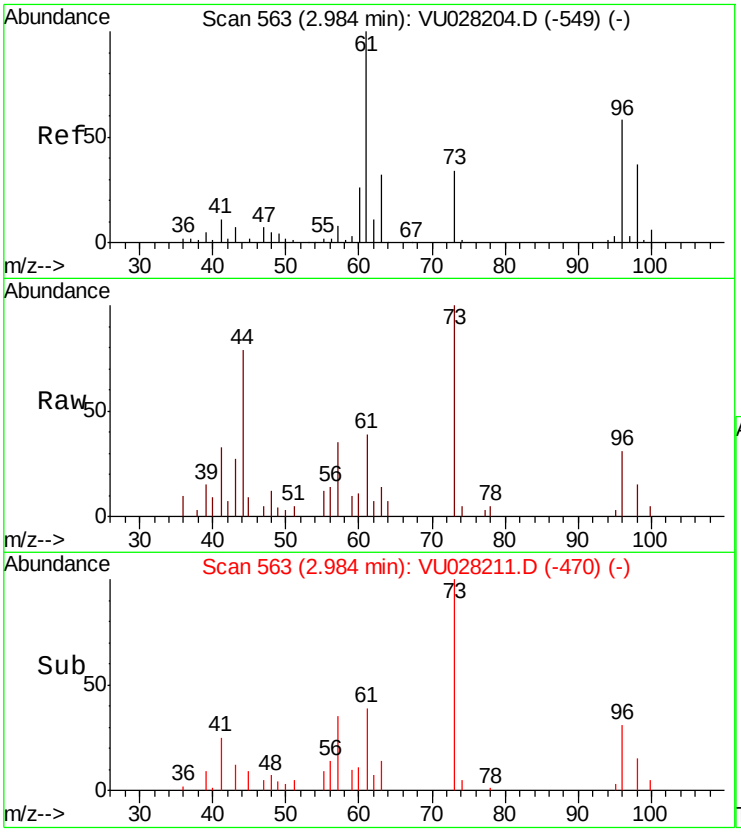


#17
Methyl tert-butyl Ether
Concen: 1.272 ug/L
RT: 3.01 min Scan# 571
Delta R.T. -0.00 min
Lab File: VU028211.D
Acq: 17 Nov 2018 02:53

Tgt Ion: 73 Resp: 38824

Ion	Ratio	Lower	Upper
73	100		
43	23.0	18.1	27.1
57	25.7	20.0	30.0



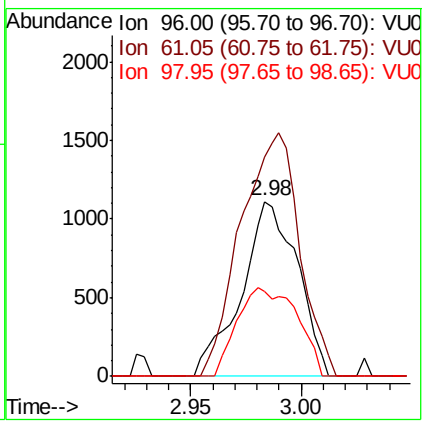


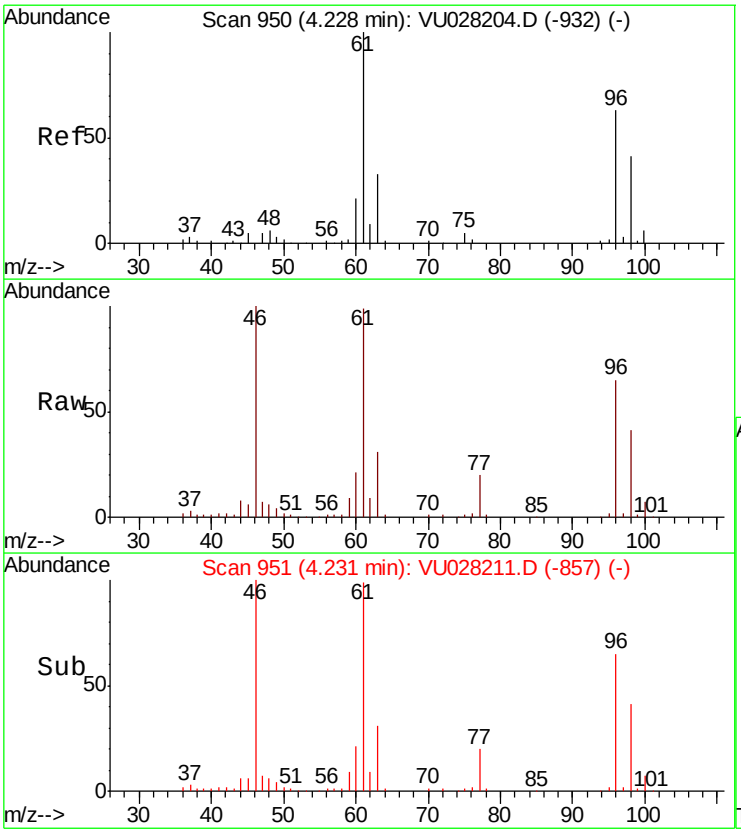
#18
trans-1,2-Dichloroethene
Concen: 0.169 ug/L
RT: 2.98 min Scan# 563
Delta R.T. -0.00 min
Lab File: VU028211.D
Acq: 17 Nov 2018 02:53

Instrument :
MSVOA_U
ClientSampleId :
H0FJ2

Tgt Ion: 96 Resp: 1958

Ion	Ratio	Lower	Upper
96	100		
61	125.4	118.5	220.1
98	48.6	44.9	83.5

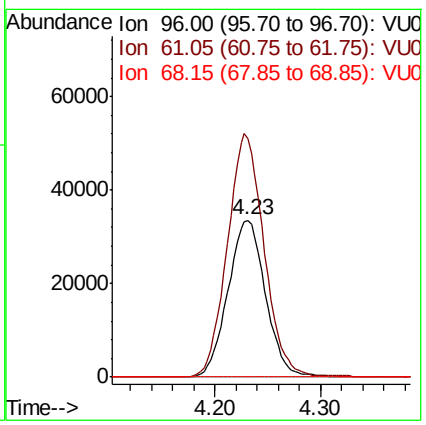


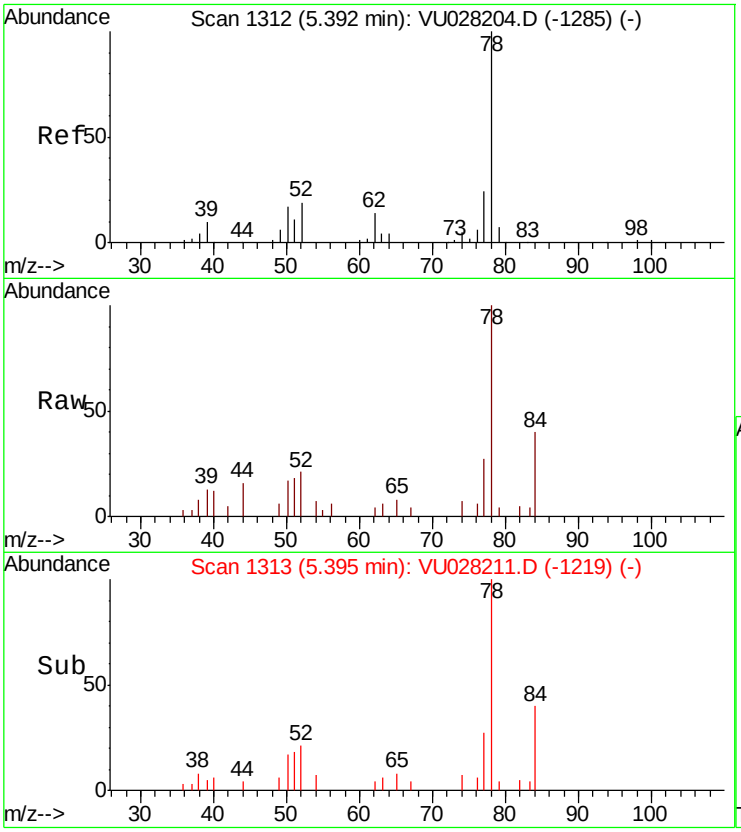


#22
cis-1,2-Dichloroethene
Concen: 6.468 ug/L
RT: 4.23 min Scan# 951
Delta R.T. 0.00 min
Lab File: VU028211.D
Acq: 17 Nov 2018 02:53

Tgt Ion: 96 Resp: 82774

Ion	Ratio	Lower	Upper
96	100		
61	152.0	101.8	189.0
68	0.0	0.0	0.0

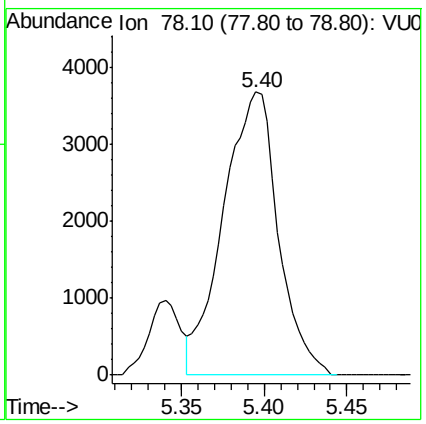


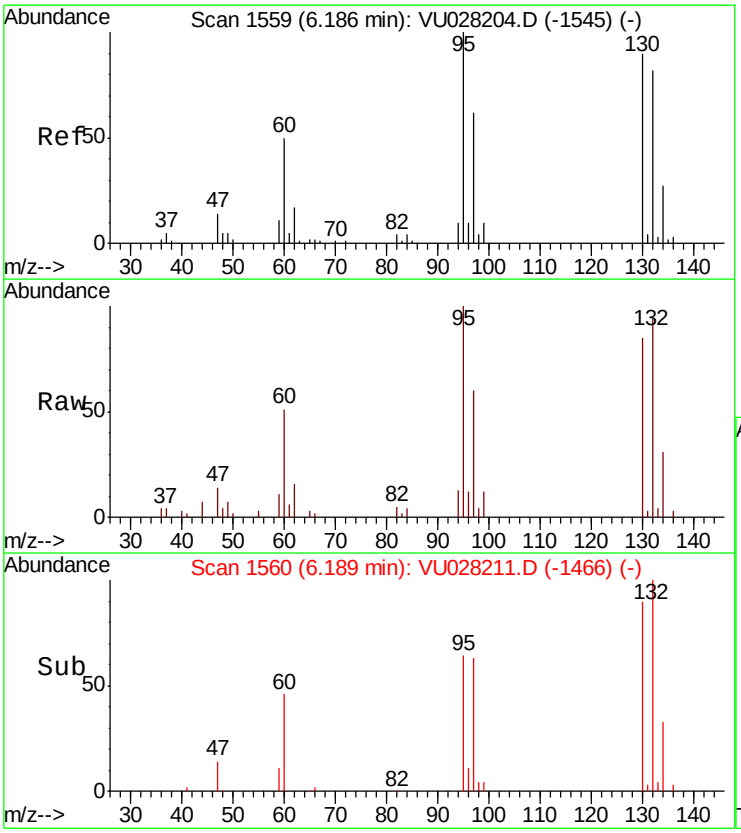


#33
Benzene
Concen: 0.161 ug/L
RT: 5.40 min Scan# 1313
Delta R.T. 0.00 min
Lab File: VU028211.D
Acq: 17 Nov 2018 02:53

Instrument :
MSVOA_U
ClientSampleId :
H0FJ2

Tgt Ion: 78 Resp: 8480





#34
Trichloroethene
Concen: 0.940 ug/L
RT: 6.19 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VU028211.D
Acq: 17 Nov 2018 02:53

Tgt Ion: 95 Resp: 12205

Ion	Ratio	Lower	Upper
95	100		
97	59.7	45.3	84.1
132	94.4	63.0	117.0
130	85.4	63.6	118.2