Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111618\
Data File : VU028214.D
Acq On : 17 Nov 2018 04:04
Operator : MD/SY
Sample : J5986-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FJ6

Quant Time: Nov 17 04:33:40 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	157233	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	154402	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	69160	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	70072	5.37	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 107.40%			
7) Chloroethane-d5	1.68	69	52241	5.04	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.80%			
11) 1,1-Dichloroethene-d2	2.28	63	95933	3.94	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 78.80%			
20) 2-Butanone-d5	4.20	46	223593	59.09	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 118.18%			
24) Chloroform-d	4.65	84	104931	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.20%			
26) 1,2-Dichloroethane-d4	5.31	65	65849	5.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 113.60%			
32) Benzene-d6	5.34	84	226256	5.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.00%			
36) 1,2-Dichloropropane-d6	6.33	67	82626	5.21	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.20%			
41) Toluene-d8	7.57	98	196975	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.40%			
43) trans-1,3-Dichloropropene-	7.85	79	25181	4.45	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.00%			
46) 2-Hexanone-d5	8.31	63	162705	50.37	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.74%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	57613	5.14	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.80%			
64) 1,2-Dichlorobenzene-d4	11.86	152	67727	5.24	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	866497	51.450	ug/L	100
17) Methyl tert-butyl Ether	3.01	73	383100	13.107	ug/L	98
18) trans-1,2-Dichloroethene	2.98	96	81252	7.310	ug/L	96
19) 1,1-Dichloroethane	3.44	63	21155	0.905	ug/L	98
22) cis-1,2-Dichloroethene	4.23	96	1104973	90.166	ug/L	96
33) Benzene	5.39	78	16581	0.319	ug/L	100
34) Trichloroethene	6.19	95	2846	0.221	ug/L	94

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

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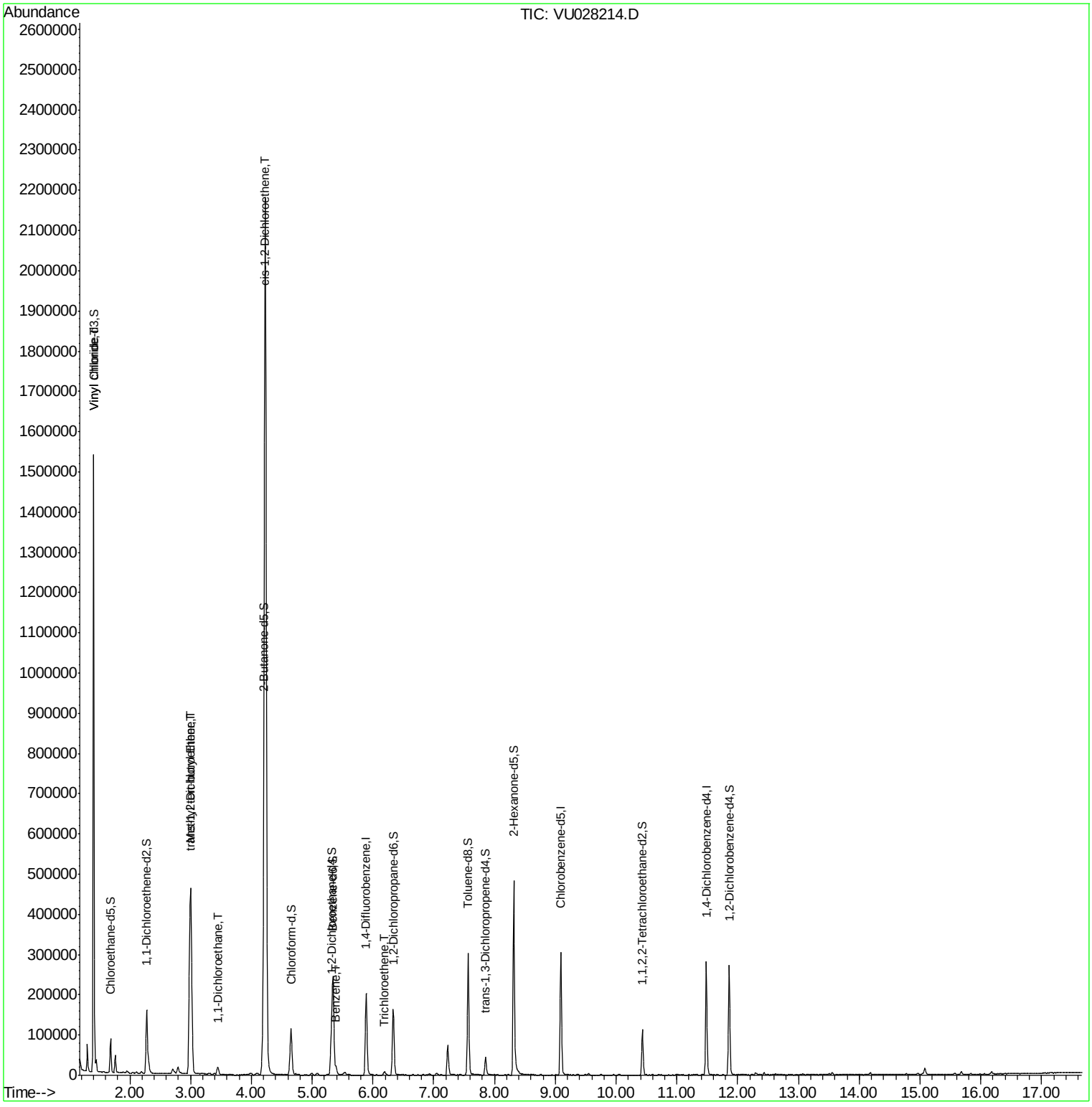
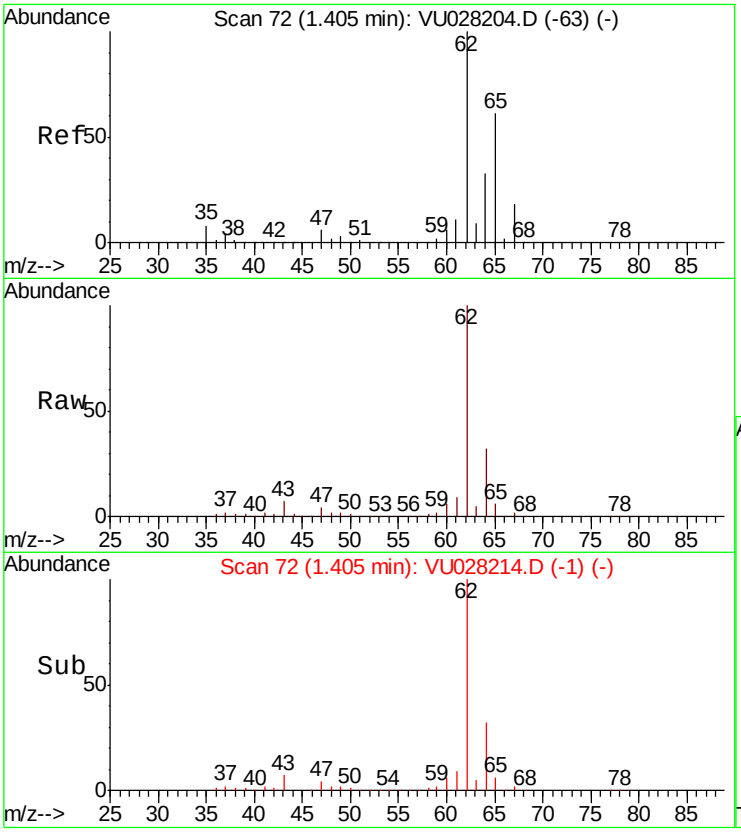


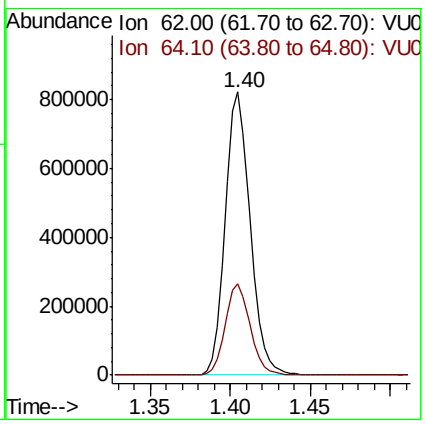


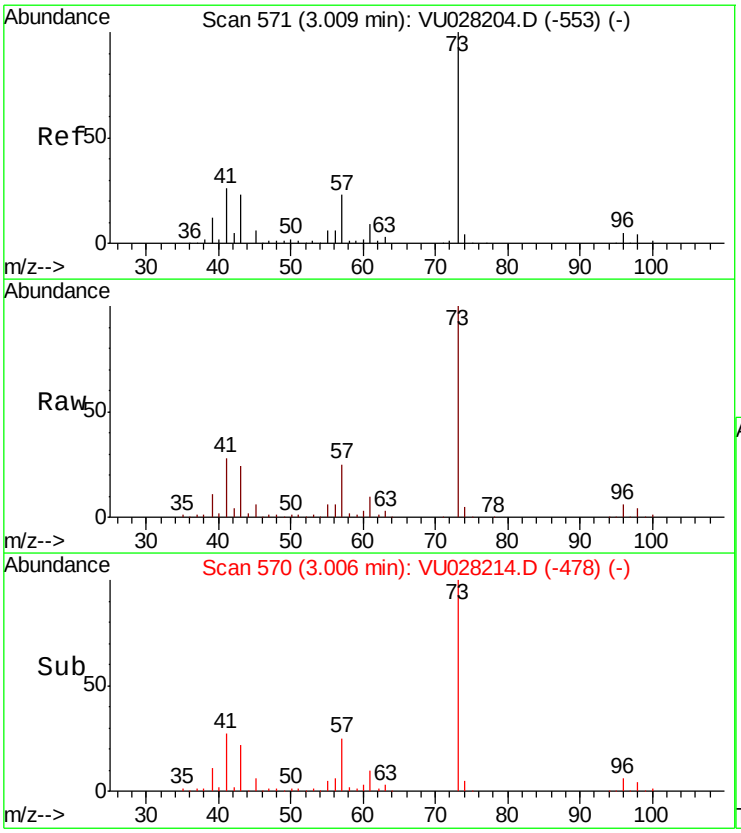
#5
Vinyl chloride
Concen: 51.450 ug/L
RT: 1.40 min Scan# 72
Delta R.T. -0.00 min
Lab File: VU028214.D
Acq: 17 Nov 2018 04:04

Instrument :
MSVOA_U
ClientSampleId :
H0FJ6

Tgt Ion: 62 Resp: 866497

Ion	Ratio	Lower	Upper
62	100		
64	32.3	22.7	42.3

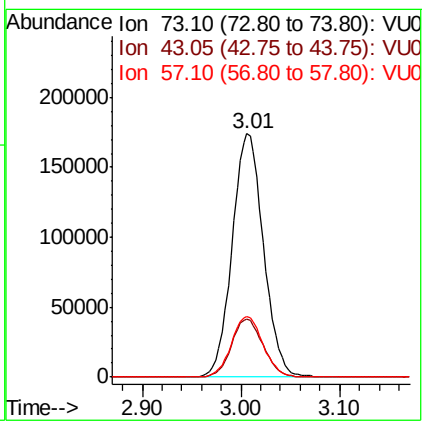


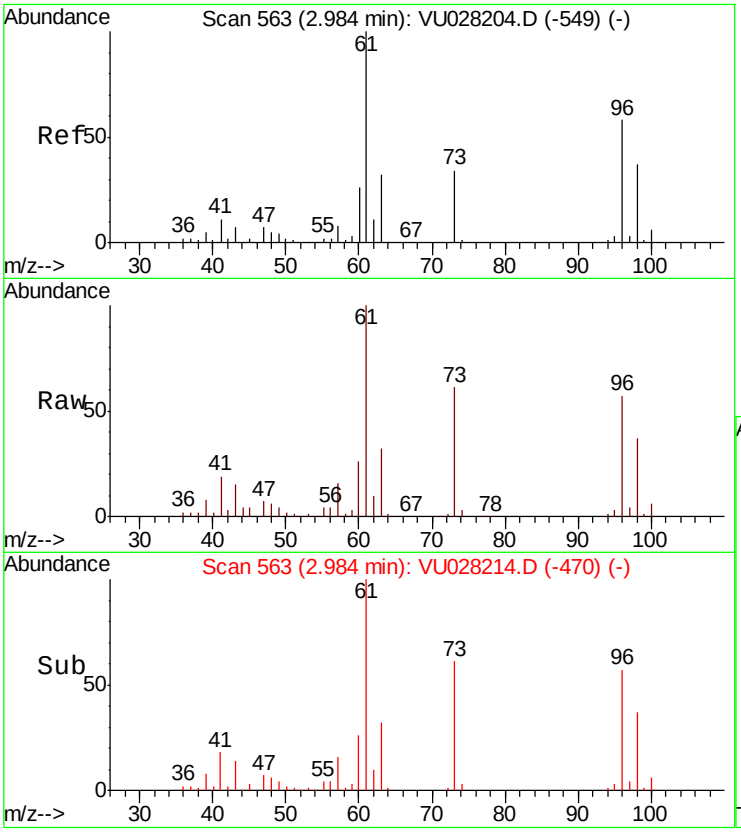


#17
Methyl tert-butyl Ether
Concen: 13.107 ug/L
RT: 3.01 min Scan# 570
Delta R.T. -0.00 min
Lab File: VU028214.D
Acq: 17 Nov 2018 04:04

Tgt Ion: 73 Resp: 383100

Ion	Ratio	Lower	Upper
73	100		
43	24.3	18.1	27.1
57	25.2	20.0	30.0



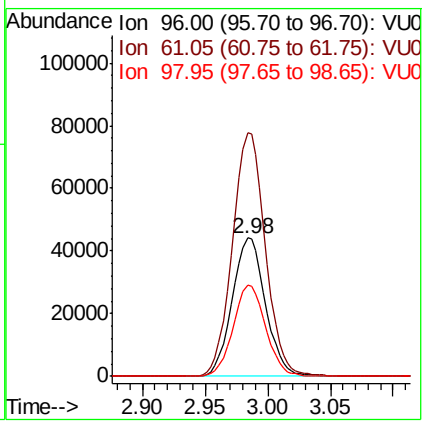


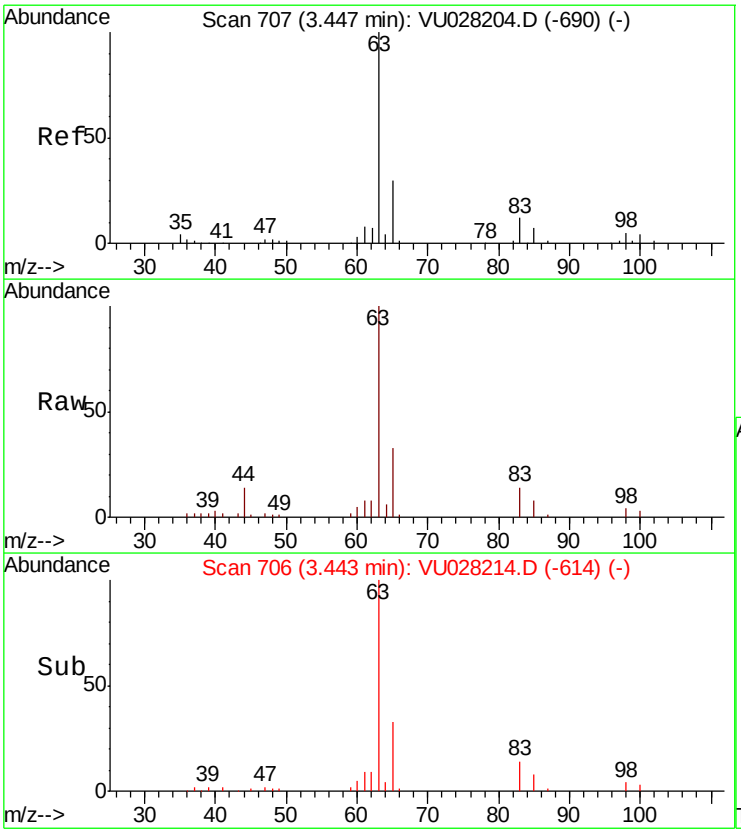
#18
trans-1,2-Dichloroethene
Concen: 7.310 ug/L
RT: 2.98 min Scan# 563
Delta R.T. -0.00 min
Lab File: VU028214.D
Acq: 17 Nov 2018 04:04

Instrument :
MSVOA_U
ClientSampleId :
H0FJ6

Tgt Ion: 96 Resp: 81252

Ion	Ratio	Lower	Upper
96	100		
61	176.2	118.5	220.1
98	65.8	44.9	83.5

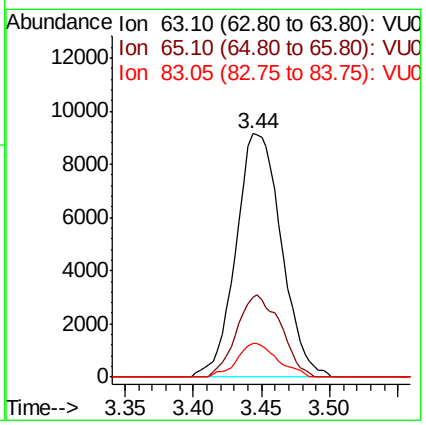


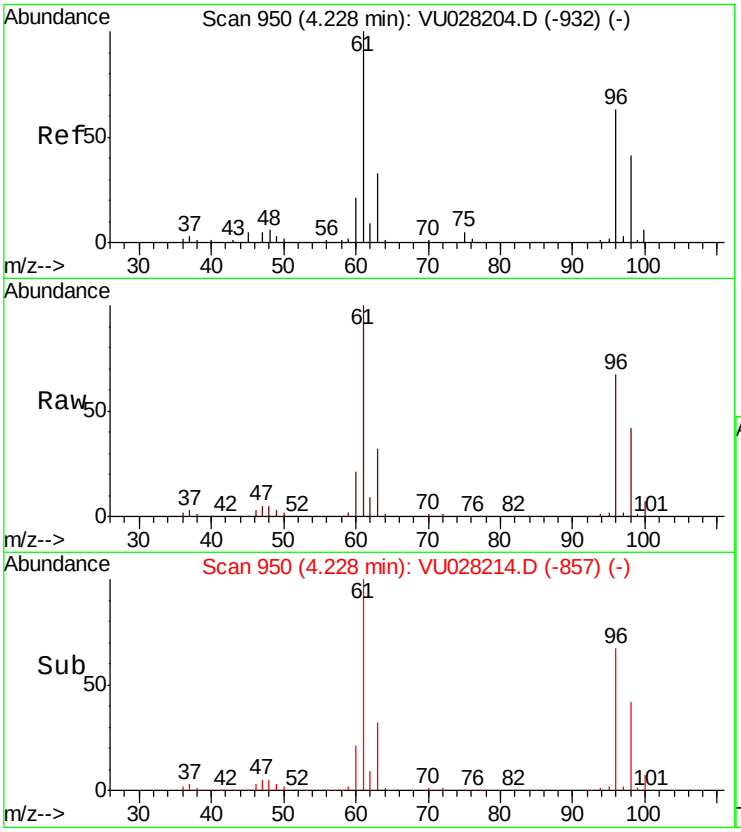


#19
1,1-Dichloroethane
Concen: 0.905 ug/L
RT: 3.44 min Scan# 706
Delta R.T. -0.00 min
Lab File: VU028214.D
Acq: 17 Nov 2018 04:04

Tgt Ion: 63 Resp: 21155

Ion	Ratio	Lower	Upper
63	100		
65	32.7	22.2	41.2
83	13.7	8.9	16.5



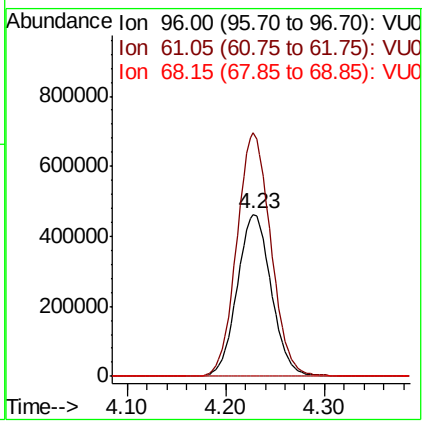


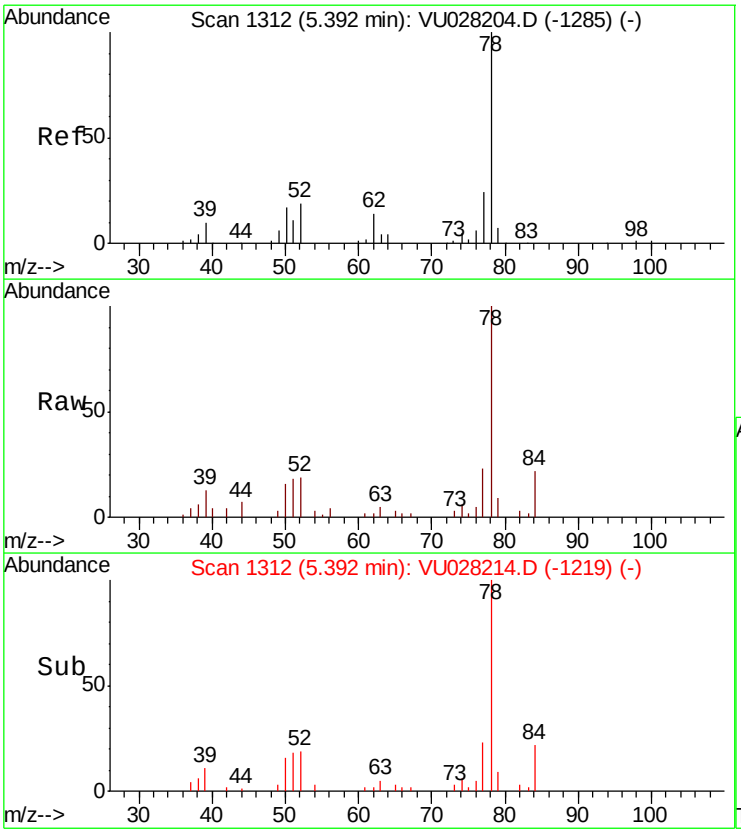
#22
cis-1,2-Dichloroethene
Concen: 90.166 ug/L
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU028214.D
Acq: 17 Nov 2018 04:04

Instrument :
MSVOA_U
ClientSampleId :
H0FJ6

Tgt Ion: 96 Resp: 1104973

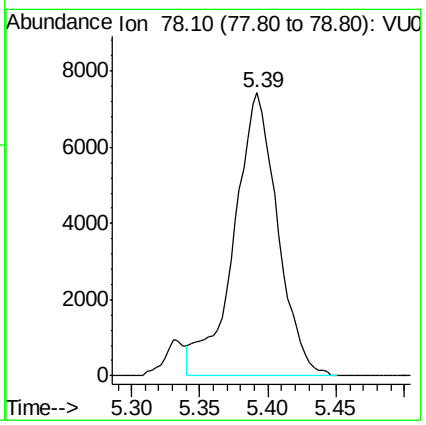
Ion	Ratio	Lower	Upper
96	100		
61	150.0	101.8	189.0
68	0.0	0.0	0.0

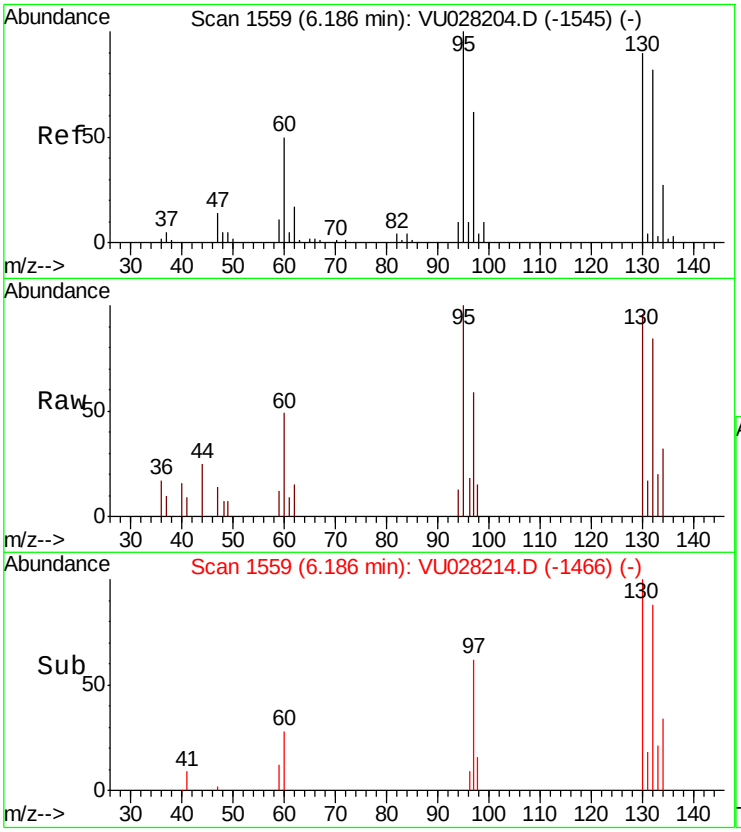




#33
Benzene
Concen: 0.319 ug/L
RT: 5.39 min Scan# 1312
Delta R.T. -0.00 min
Lab File: VU028214.D
Acq: 17 Nov 2018 04:04

Tgt Ion: 78 Resp: 16581





#34
Trichloroethene
Concen: 0.221 ug/L
RT: 6.19 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VU028214.D
Acq: 17 Nov 2018 04:04

Instrument :
MSVOA_U
ClientSampleId :
H0FJ6

Tgt Ion: 95 Resp: 2846

Ion	Ratio	Lower	Upper
95	100		
97	59.3	45.3	84.1
132	84.1	63.0	117.0
130	95.6	63.6	118.2