Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112018\
Data File : VU028274.D
Acq On : 20 Nov 2018 13:37
Operator : MD/SY
Sample : J5986-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FM1

Quant Time: Nov 21 06:47:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 06:33:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	129575	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	124691	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	52993	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	39483	4.05	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 81.00%			
7) Chloroethane-d5	1.68	69	37301	4.43	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.60%			
11) 1,1-Dichloroethene-d2	2.28	63	58704	3.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 60.60%			
20) 2-Butanone-d5	4.19	46	163021	49.96	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.92%			
24) Chloroform-d	4.65	84	80677	4.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.60%			
26) 1,2-Dichloroethane-d4	5.31	65	46926	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.40%			
32) Benzene-d6	5.34	84	158356	4.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.20%			
36) 1,2-Dichloropropane-d6	6.33	67	60584	4.65	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.00%			
41) Toluene-d8	7.57	98	133024	4.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.80%			
43) trans-1,3-Dichloropropene-	7.85	79	17461	4.19	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.80%			
46) 2-Hexanone-d5	8.31	63	114335	45.79	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.58%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	45703	4.86	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.20%			
64) 1,2-Dichlorobenzene-d4	11.86	152	47966	4.87	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.40%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	67061	5.10	ug/L	96
17) Methyl tert-butyl Ether	3.01	73	30269	1.26	ug/L #	92
18) trans-1,2-Dichloroethene	2.98	96	88833	10.45	ug/L	99
19) 1,1-Dichloroethane	3.45	63	29642	1.50	ug/L	94
22) cis-1,2-Dichloroethene	4.23	96	22950	2.28	ug/L	85
33) Benzene	5.39	78	22924	0.56	ug/L	100

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

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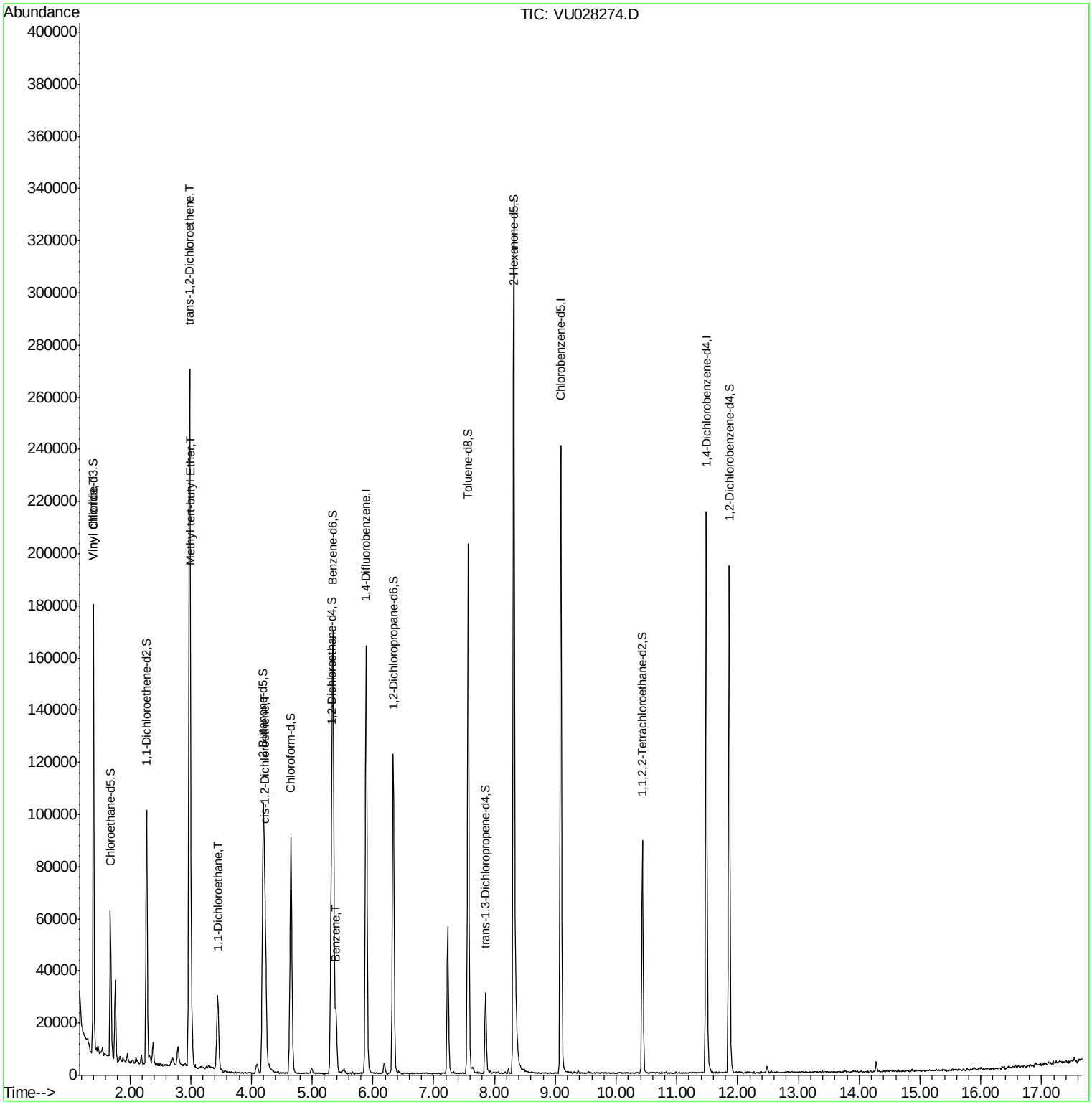
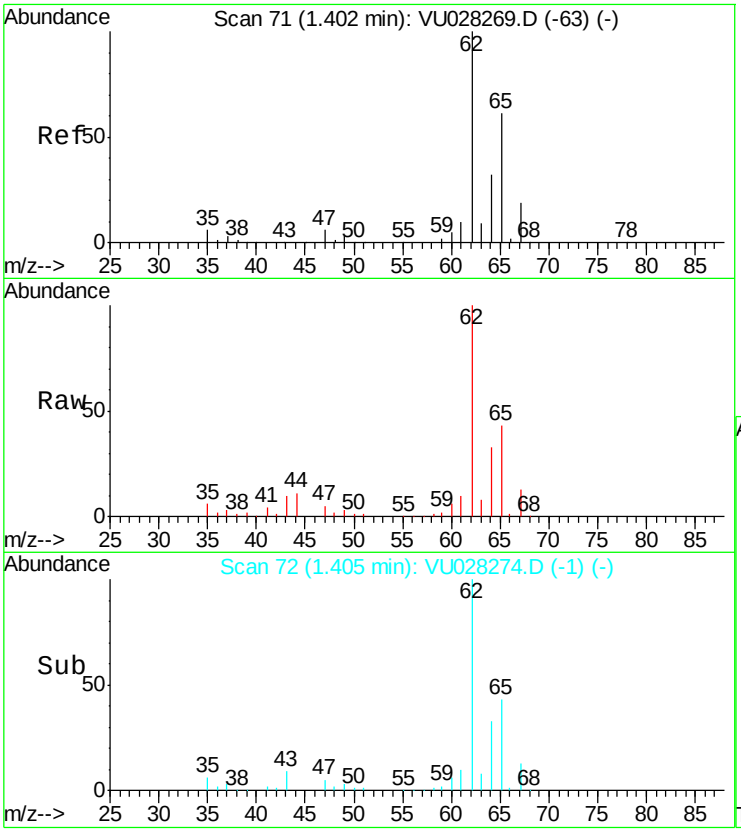


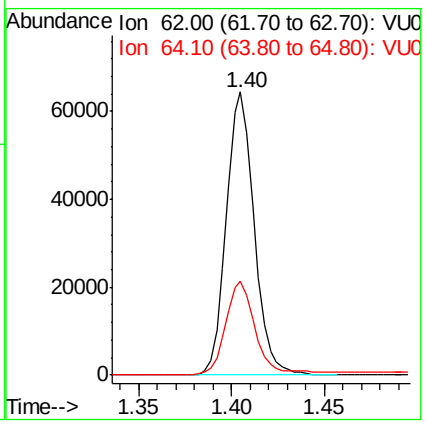


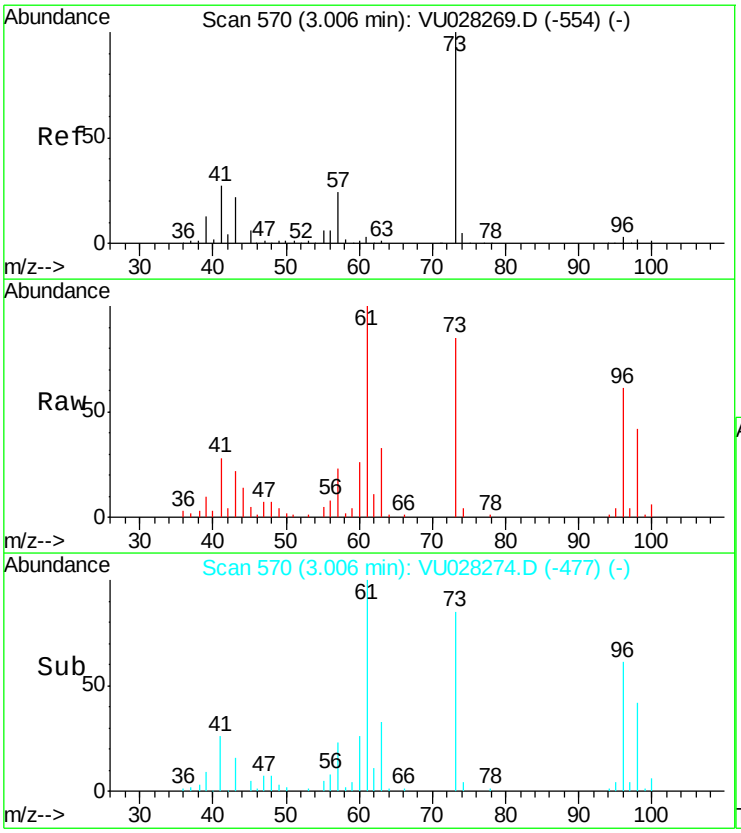
#5
Vinyl chloride
Concen: 5.10 ug/L
RT: 1.40 min Scan# 72
Delta R.T. 0.00 min
Lab File: VU028274.D
Acq: 20 Nov 2018 13:37

Instrument :
MSVOA_U
ClientSampleId :
H0FM1

Tgt Ion: 62 Resp: 67061

Ion	Ratio	Lower	Upper
62	100		
64	33.3	21.7	40.3

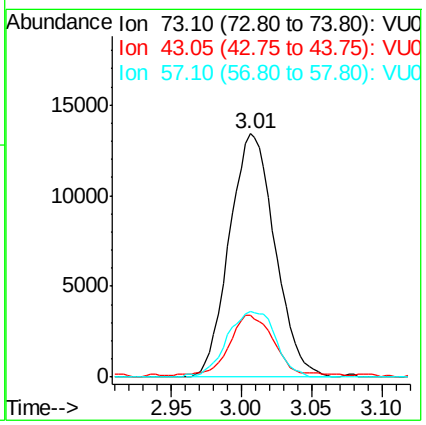


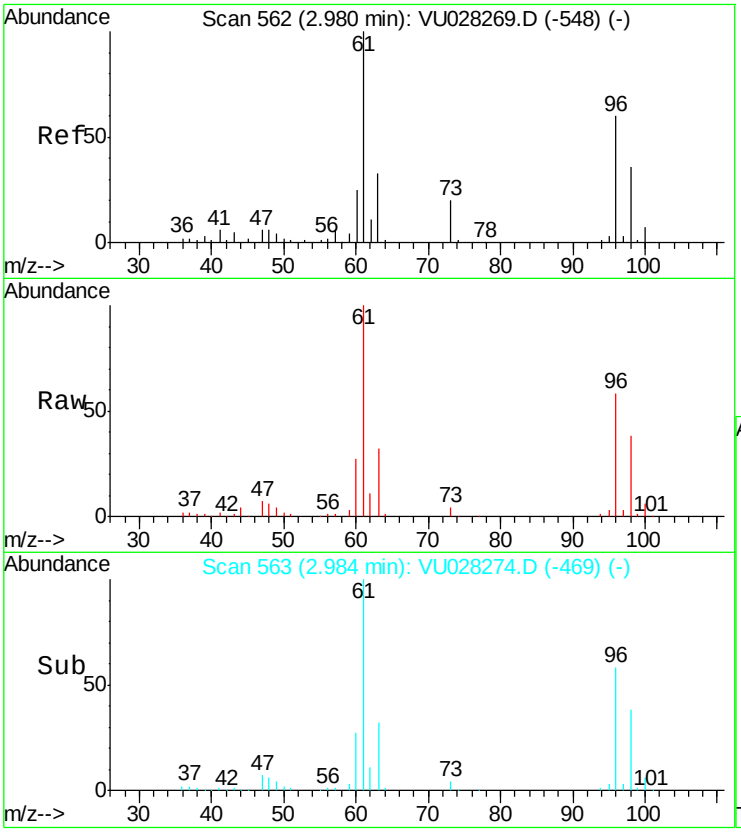


#17
Methyl tert-butyl Ether
Concen: 1.26 ug/L
RT: 3.01 min Scan# 570
Delta R.T. 0.00 min
Lab File: VU028274.D
Acq: 20 Nov 2018 13:37

Tgt Ion: 73 Resp: 30269

Ion	Ratio	Lower	Upper
73	100		
43	26.5	18.8	28.2
57	28.8	19.2	28.8#



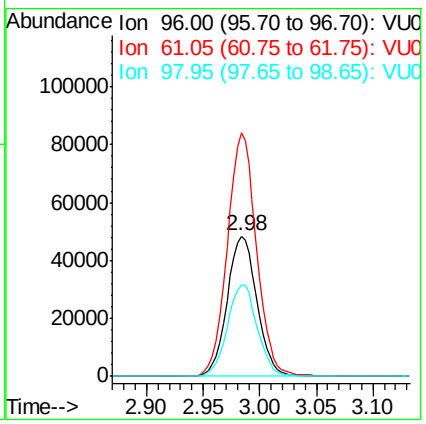


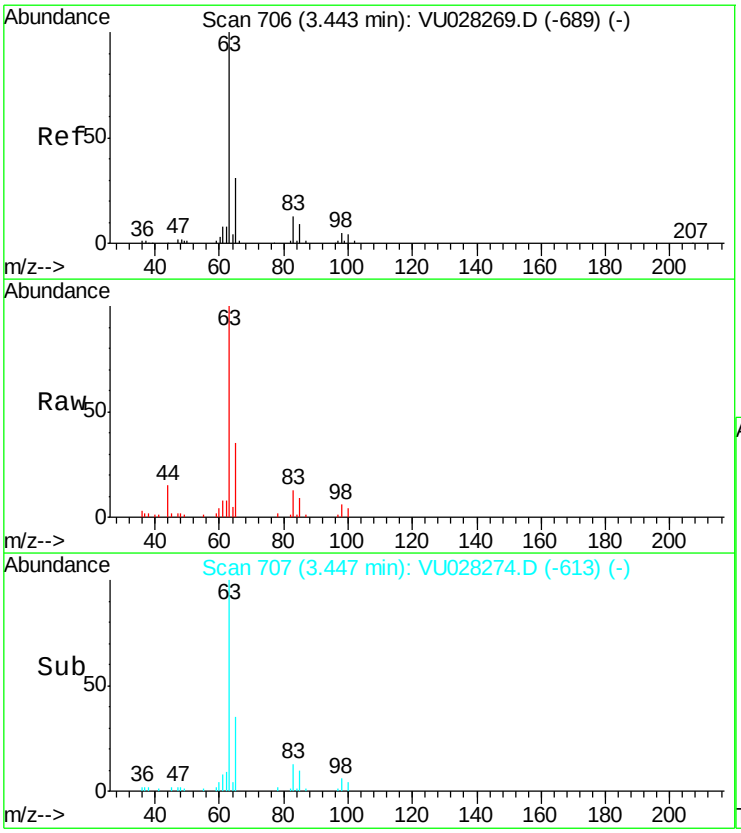
#18
trans-1,2-Dichloroethene
Concen: 10.45 ug/L
RT: 2.98 min Scan# 563
Delta R.T. 0.00 min
Lab File: VU028274.D
Acq: 20 Nov 2018 13:37

Instrument :
MSVOA_U
ClientSampleId :
H0FM1

Tgt Ion: 96 Resp: 88833

Ion	Ratio	Lower	Upper
96	100		
61	173.7	122.2	227.0
98	65.5	44.9	83.5

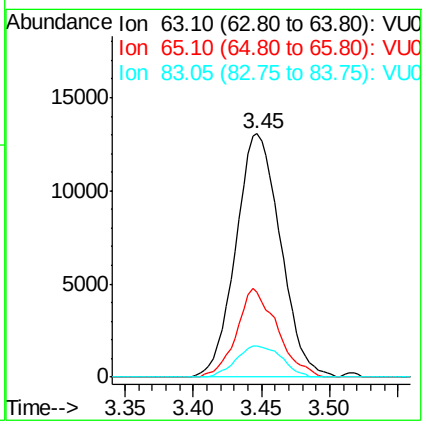


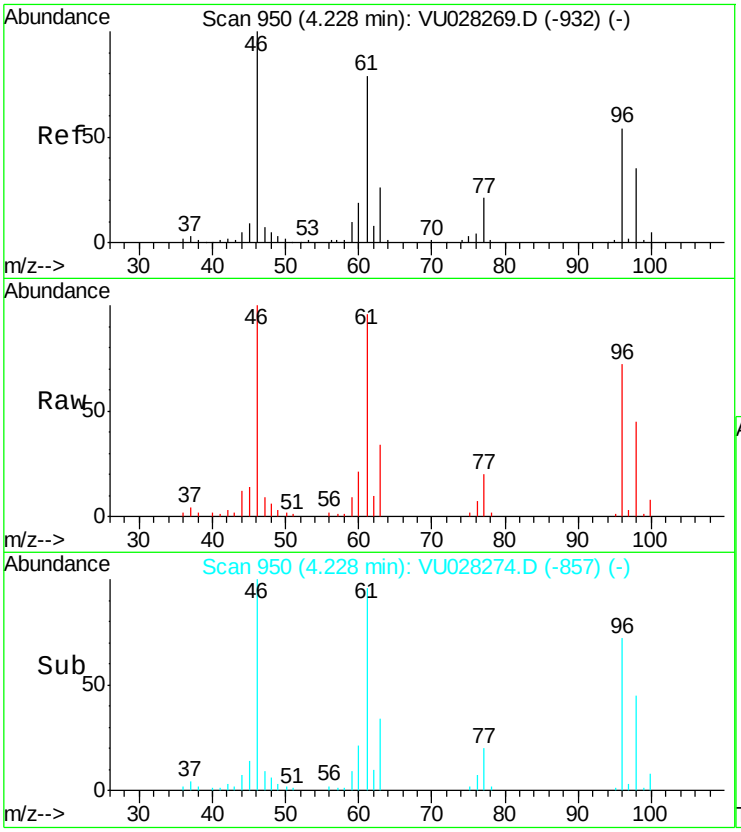


#19
1,1-Dichloroethane
Concen: 1.50 ug/L
RT: 3.45 min Scan# 707
Delta R.T. 0.00 min
Lab File: VU028274.D
Acq: 20 Nov 2018 13:37

Tgt Ion: 63 Resp: 29642

Ion	Ratio	Lower	Upper
63	100		
65	35.0	21.2	39.4
83	13.0	8.8	16.4



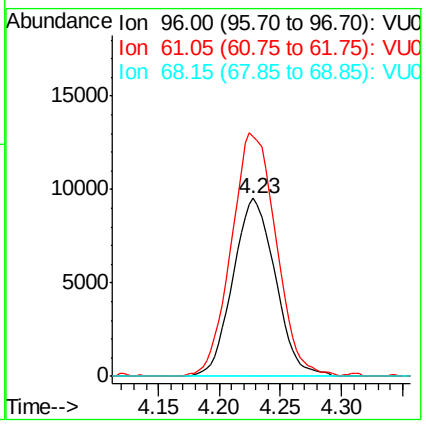


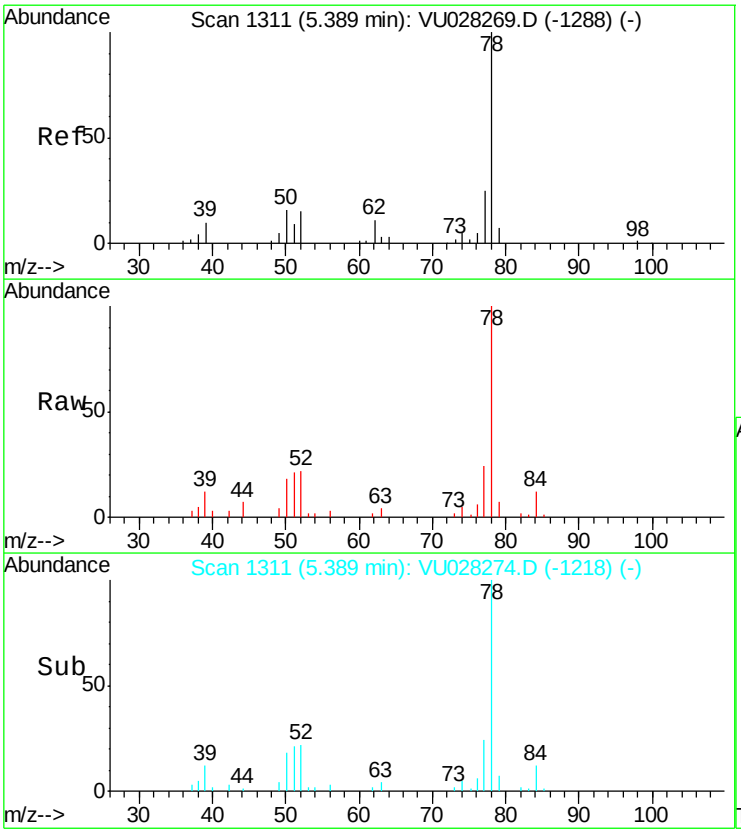
#22
cis-1,2-Dichloroethene
Concen: 2.28 ug/L
RT: 4.23 min Scan# 950
Delta R.T. 0.00 min
Lab File: VU028274.D
Acq: 20 Nov 2018 13:37

Instrument :
MSVOA_U
ClientSampleId :
H0FM1

Tgt Ion: 96 Resp: 22950

Ion	Ratio	Lower	Upper
96	100		
61	134.4	108.0	200.6
68	0.0	0.0	0.0





#33
Benzene
Concen: 0.56 ug/L
RT: 5.39 min Scan# 1311
Delta R.T. 0.00 min
Lab File: VU028274.D
Acq: 20 Nov 2018 13:37

Tgt Ion: 78 Resp: 22924