Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112018\
Data File : VU028282.D
Acq On : 20 Nov 2018 16:58
Operator : MD/SY
Sample : J5995-19DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FJ4DL

Quant Time: Nov 21 07:22:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 07:07:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	126833	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	124302	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	50198	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	38319	4.01	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 80.20%			
7) Chloroethane-d5	1.68	69	36891	4.48	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.60%			
11) 1,1-Dichloroethene-d2	2.28	63	55723	2.93	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 58.60%#			
20) 2-Butanone-d5	4.20	46	179530	56.21	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.42%			
24) Chloroform-d	4.65	84	81636	4.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.60%			
26) 1,2-Dichloroethane-d4	5.31	65	47277	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.00%			
32) Benzene-d6	5.34	84	151378	4.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.60%			
36) 1,2-Dichloropropane-d6	6.33	67	61213	4.71	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.20%			
41) Toluene-d8	7.57	98	125883	3.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.60%			
43) trans-1,3-Dichloropropene-	7.85	79	18196	4.38	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.60%			
46) 2-Hexanone-d5	8.31	63	123528	49.63	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.26%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	47086	5.02	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.40%			
64) 1,2-Dichlorobenzene-d4	11.86	152	47289	5.06	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	11533	0.90	ug/L	87
17) Methyl tert-butyl Ether	3.01	73	141994	6.05	ug/L	98
18) trans-1,2-Dichloroethene	2.99	96	9994	1.20	ug/L	78
19) 1,1-Dichloroethane	3.45	63	4480	0.23	ug/L #	92
22) cis-1,2-Dichloroethene	4.23	96	86702	8.82	ug/L	94
34) Trichloroethene	6.19	95	48501	4.83	ug/L	97

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

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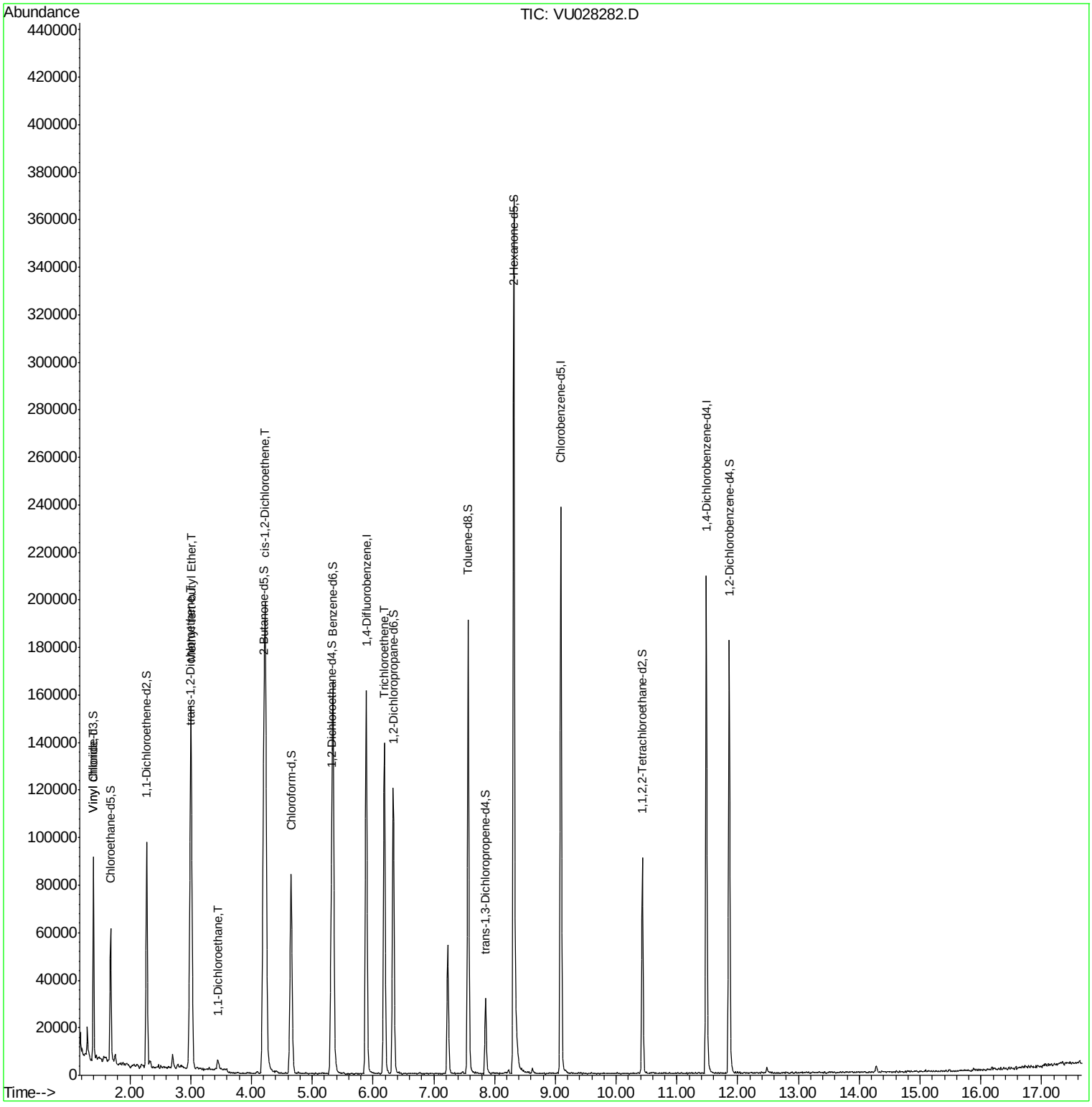
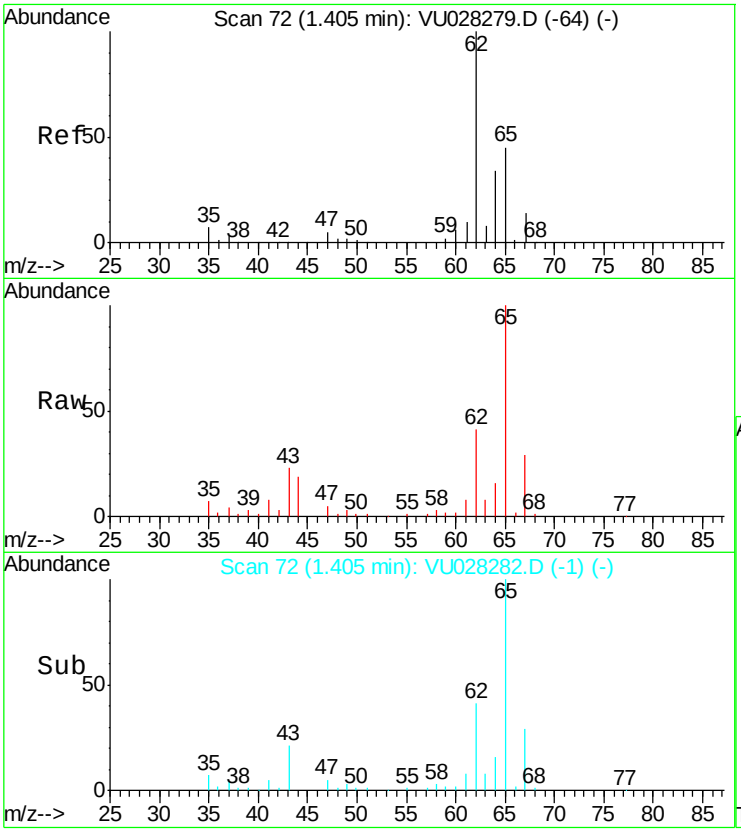


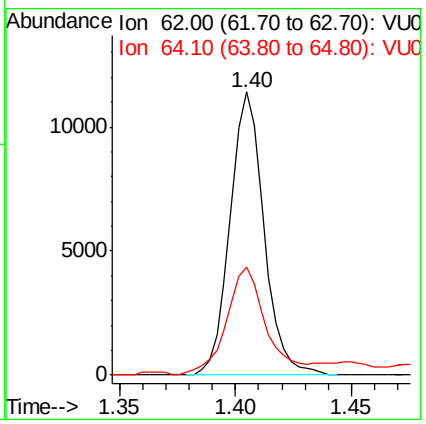


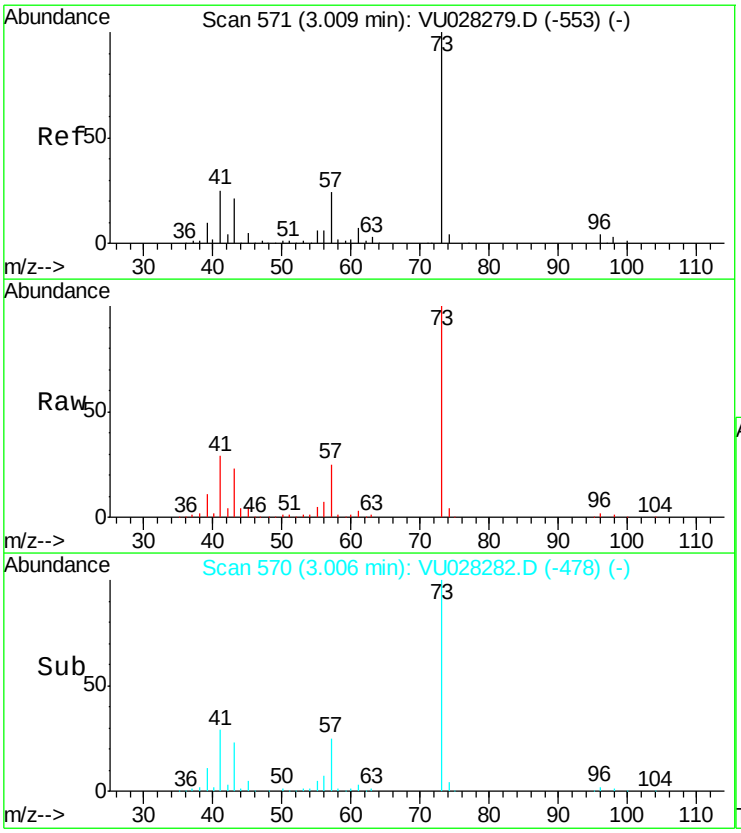
#5
Vinyl chloride
Concen: 0.90 ug/L
RT: 1.40 min Scan# 72
Delta R.T. -0.00 min
Lab File: VU028282.D
Acq: 20 Nov 2018 16:58

Instrument :
MSVOA_U
ClientSampleId :
H0FJ4DL

Tgt Ion: 62 Resp: 11533

Ion	Ratio	Lower	Upper
62	100		
64	38.2	21.7	40.3

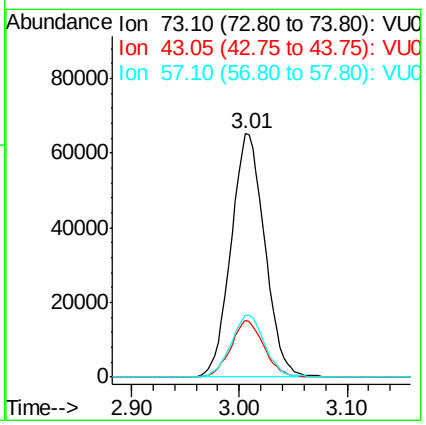


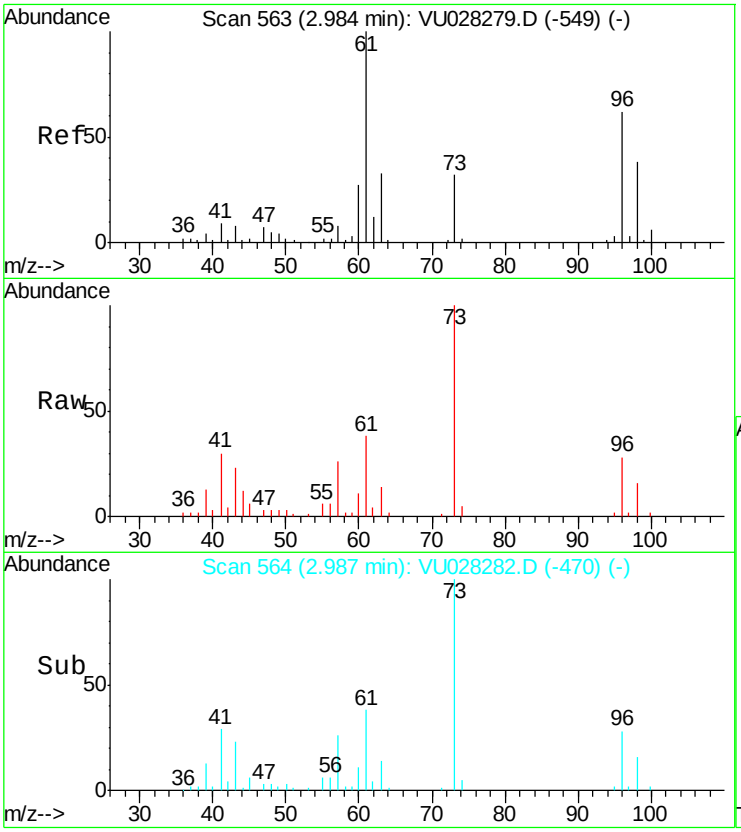


#17
Methyl tert-butyl Ether
Concen: 6.05 ug/L
RT: 3.01 min Scan# 570
Delta R.T. -0.00 min
Lab File: VU028282.D
Acq: 20 Nov 2018 16:58

Tgt Ion: 73 Resp: 141994

Ion	Ratio	Lower	Upper
73	100		
43	23.0	18.8	28.2
57	25.4	19.2	28.8



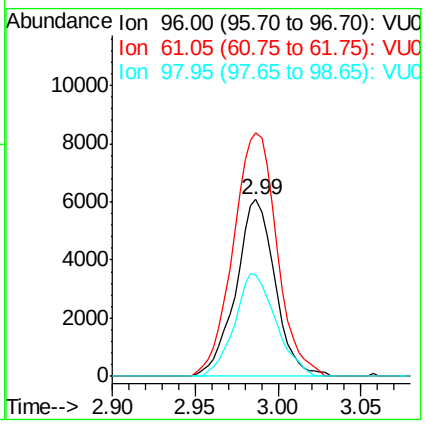


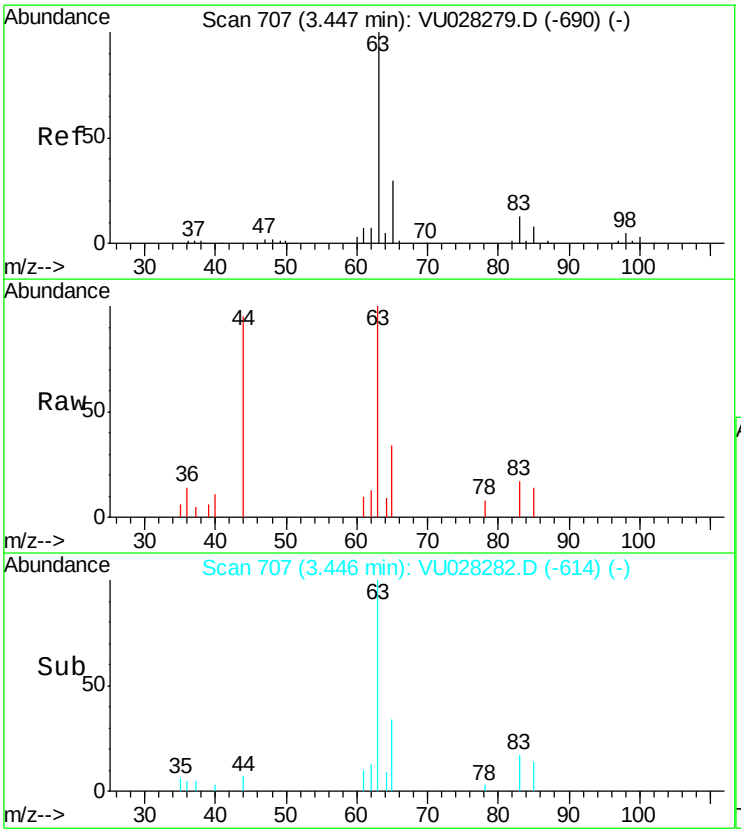
#18
trans-1,2-Dichloroethene
Concen: 1.20 ug/L
RT: 2.99 min Scan# 564
Delta R.T. 0.00 min
Lab File: VU028282.D
Acq: 20 Nov 2018 16:58

Instrument :
MSVOA_U
ClientSampleId :
H0FJ4DL

Tgt Ion: 96 Resp: 9994

Ion	Ratio	Lower	Upper
96	100		
61	138.0	122.2	227.0
98	57.2	44.9	83.5

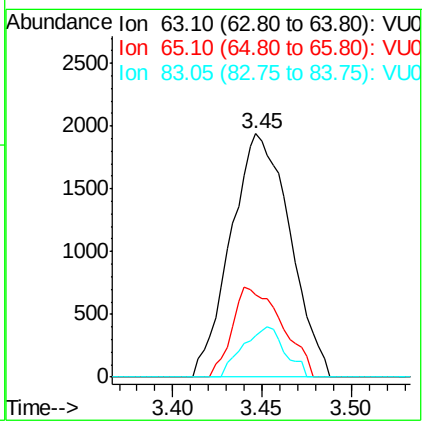


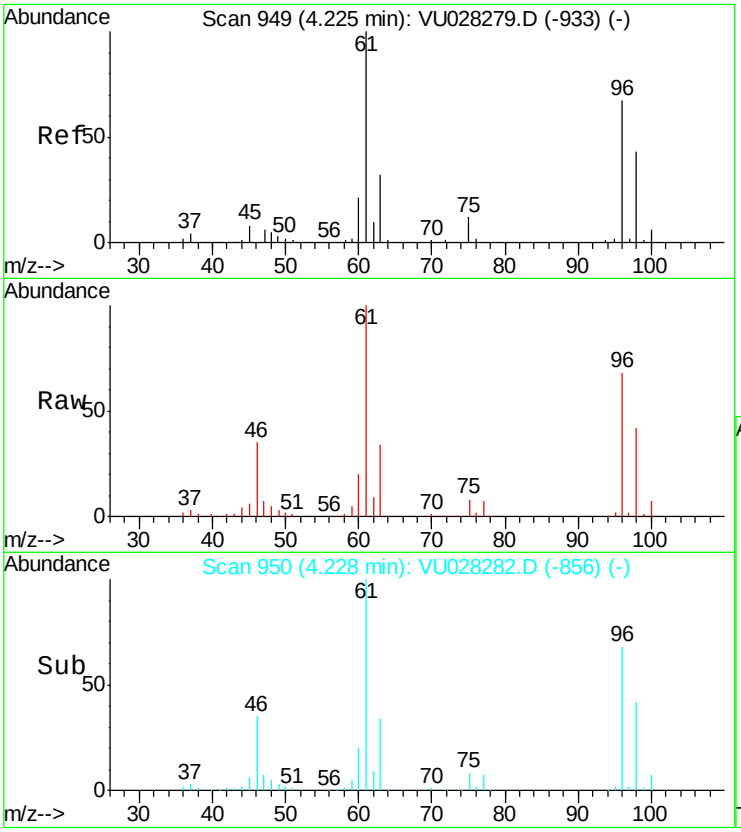


#19
1,1-Dichloroethane
Concen: 0.23 ug/L
RT: 3.45 min Scan# 707
Delta R.T. -0.00 min
Lab File: VU028282.D
Acq: 20 Nov 2018 16:58

Tgt Ion: 63 Resp: 4480

Ion	Ratio	Lower	Upper
63	100		
65	33.7	21.2	39.4
83	16.9	8.8	16.4#



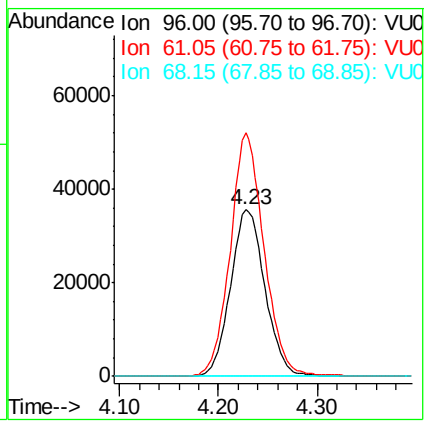


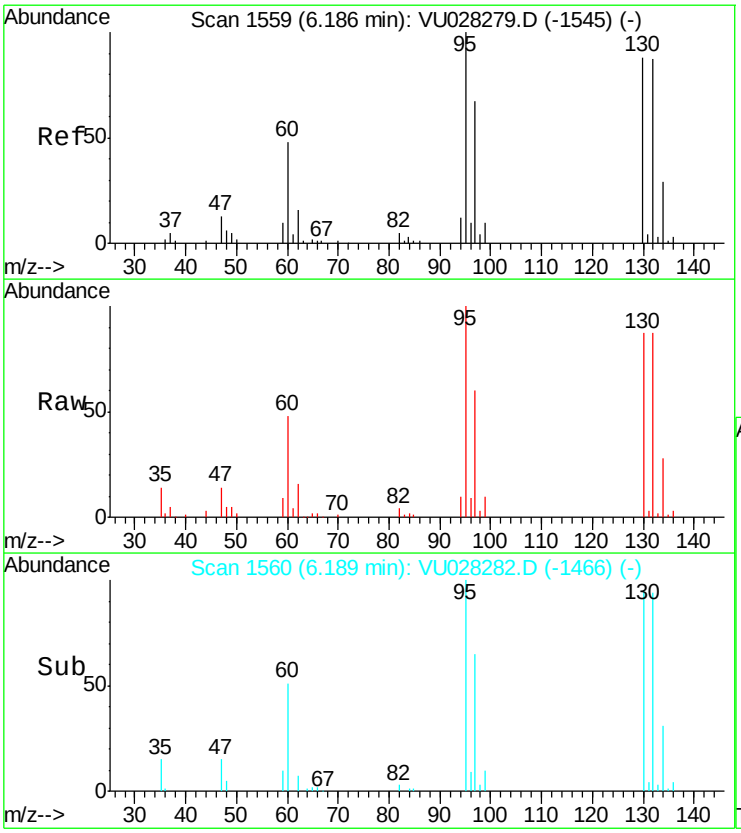
#22
cis-1,2-Dichloroethene
Concen: 8.82 ug/L
RT: 4.23 min Scan# 950
Delta R.T. 0.00 min
Lab File: VU028282.D
Acq: 20 Nov 2018 16:58

Instrument : MSVOA_U
ClientSampleId : H0FJ4DL

Tgt Ion: 96 Resp: 86702

Ion	Ratio	Lower	Upper
96	100		
61	146.4	108.0	200.6
68	0.0	0.0	0.0





#34
Trichloroethene
Concen: 4.83 ug/L
RT: 6.19 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VU028282.D
Acq: 20 Nov 2018 16:58

Tgt Ion: 95 Resp: 48501

Ion	Ratio	Lower	Upper
95	100		
97	60.0	46.5	86.3
132	86.7	58.9	109.3
130	86.9	61.3	113.9