Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112018\
Data File : VU028278.D
Acq On : 20 Nov 2018 15:11
Operator : MD/SY
Sample : J5995-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FL7

Quant Time: Nov 21 07:08:34 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	130224	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	120219	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	54899	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	39524	4.03	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 80.60%			
7) Chloroethane-d5	1.68	69	37007	4.37	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.40%			
11) 1,1-Dichloroethene-d2	2.28	63	59284	3.04	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 60.80%			
20) 2-Butanone-d5	4.20	46	175792	53.61	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.22%			
24) Chloroform-d	4.65	84	80891	4.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.40%			
26) 1,2-Dichloroethane-d4	5.31	65	46227	4.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.40%			
32) Benzene-d6	5.34	84	155322	4.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.80%			
36) 1,2-Dichloropropane-d6	6.33	67	61674	4.91	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.20%			
41) Toluene-d8	7.57	98	127843	4.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.60%			
43) trans-1,3-Dichloropropene-	7.85	79	17735	4.42	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.40%			
46) 2-Hexanone-d5	8.31	63	119698	49.72	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.44%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	46218	5.09	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.80%			
64) 1,2-Dichlorobenzene-d4	11.86	152	47565	4.66	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.41	62	75466	5.71	ug/L	96
17) Methyl tert-butyl Ether	3.01	73	2520189	104.65	ug/L	98
18) trans-1,2-Dichloroethene	2.98	96	67052	7.85	ug/L	97
19) 1,1-Dichloroethane	3.45	63	20886	1.05	ug/L	93
22) cis-1,2-Dichloroethene	4.23	96	657268	65.11	ug/L	93
33) Benzene	5.39	78	9283	0.23	ug/L	100
34) Trichloroethene	6.19	95	234498	24.15	ug/L	96

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

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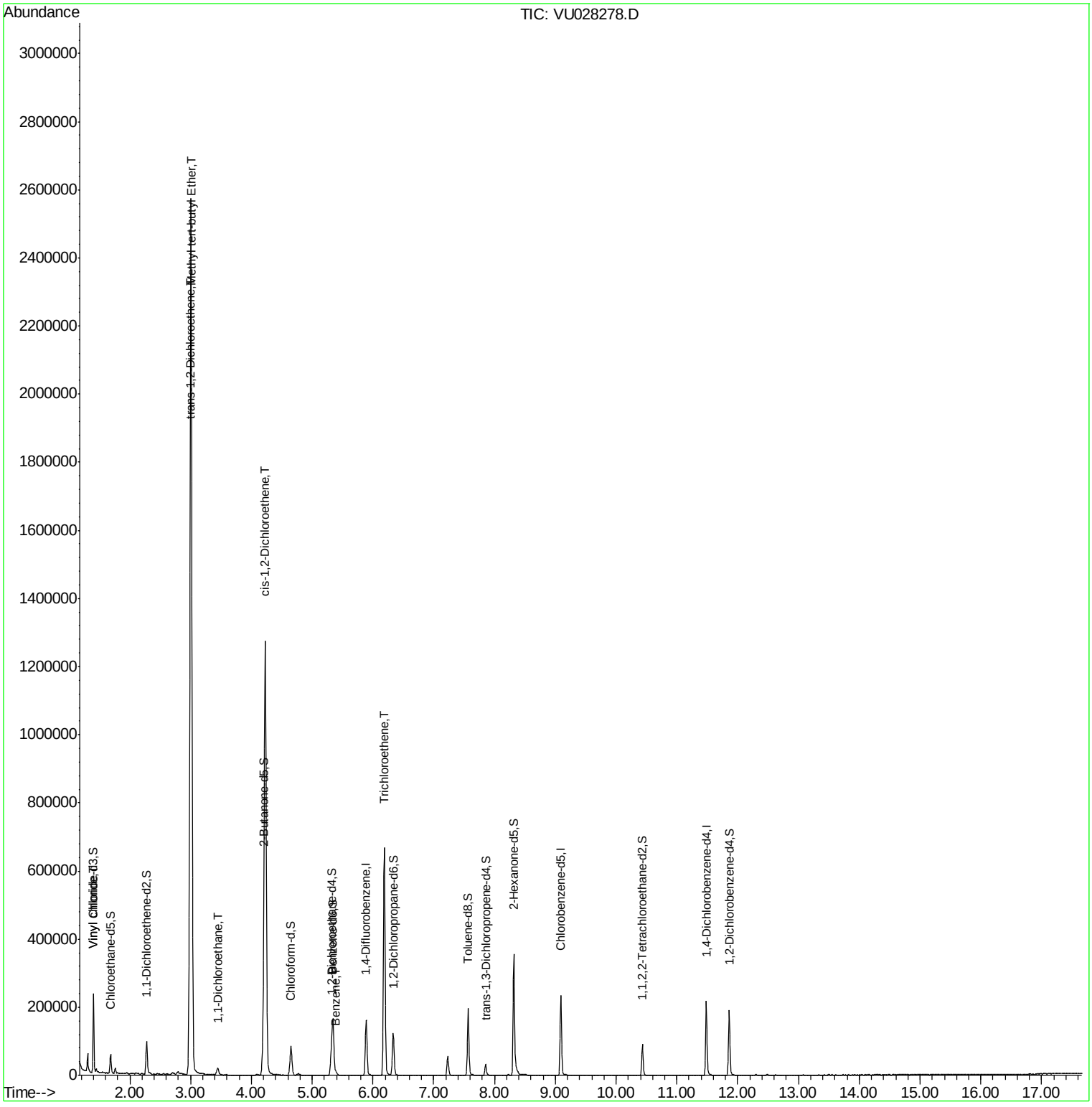
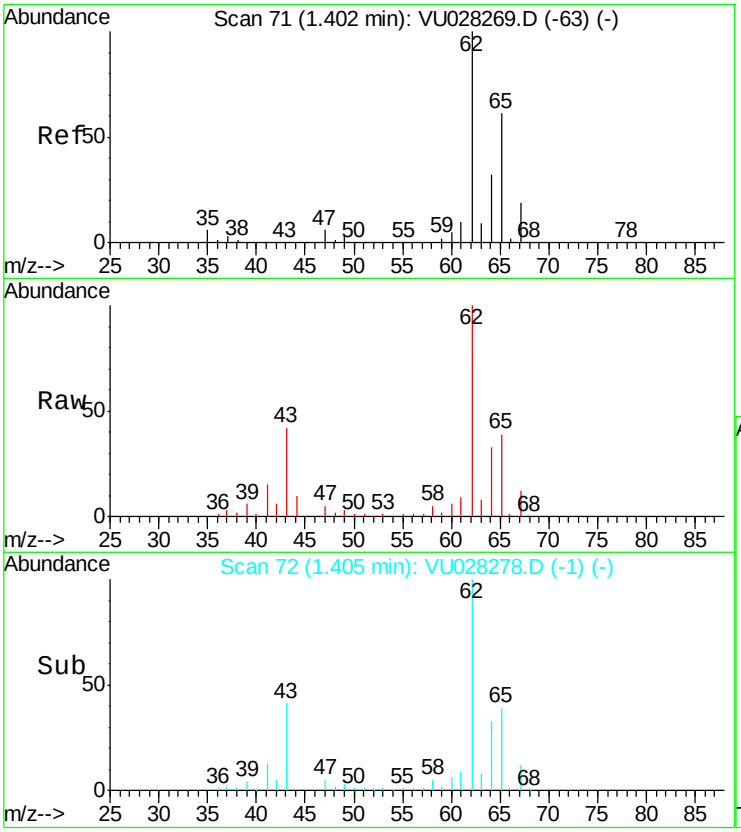


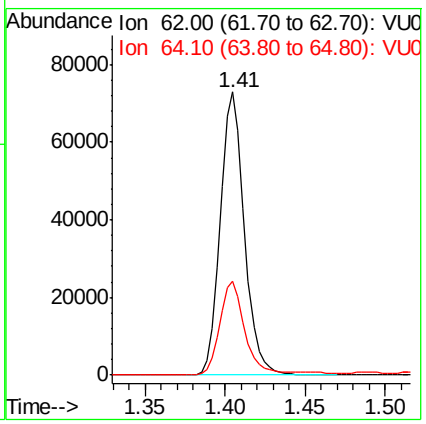


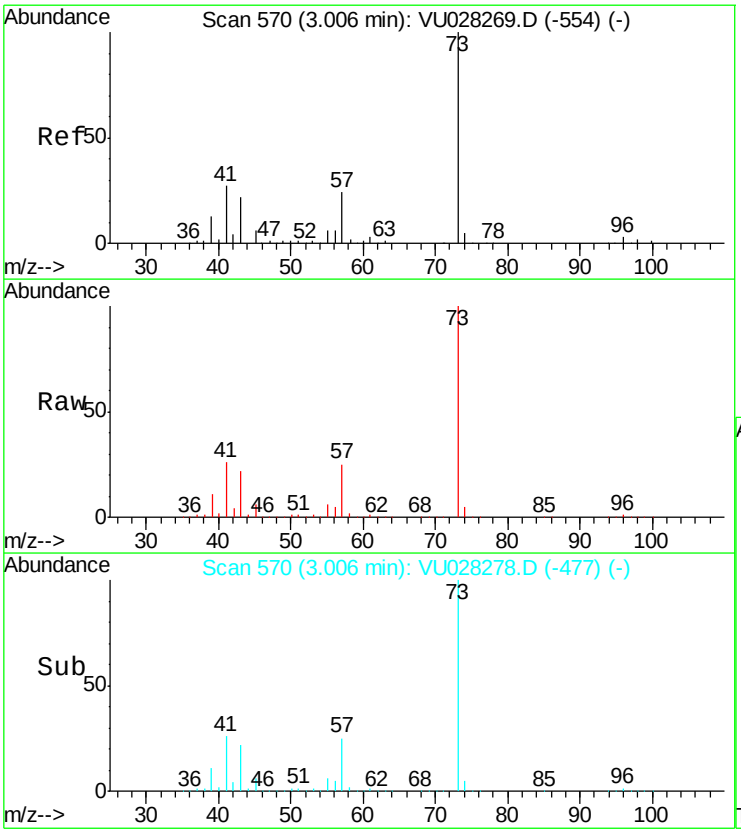
#5
Vinyl chloride
Concen: 5.71 ug/L
RT: 1.41 min Scan# 72
Delta R.T. 0.00 min
Lab File: VU028278.D
Acq: 20 Nov 2018 15:11

Instrument : MSVOA_U
ClientSampleId : H0FL7

Tgt Ion: 62 Resp: 75466

Ion	Ratio	Lower	Upper
62	100		
64	33.1	21.7	40.3

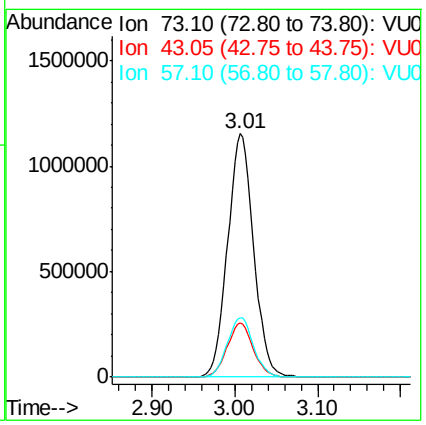


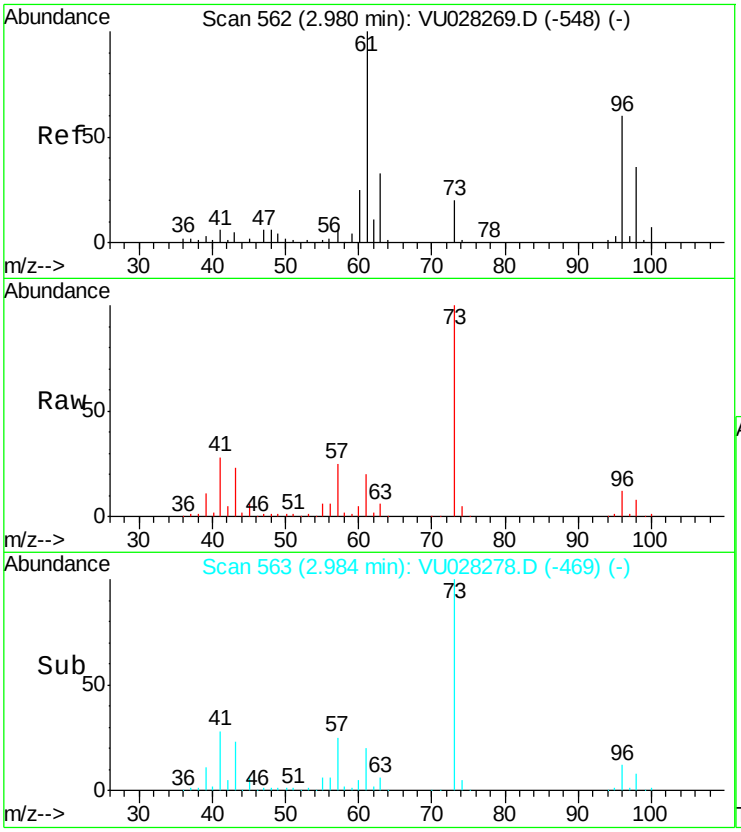


#17
Methyl tert-butyl Ether
Concen: 104.65 ug/L
RT: 3.01 min Scan# 570
Delta R.T. 0.00 min
Lab File: VU028278.D
Acq: 20 Nov 2018 15:11

Tgt Ion: 73 Resp: 2520189

Ion	Ratio	Lower	Upper
73	100		
43	22.3	18.8	28.2
57	24.6	19.2	28.8



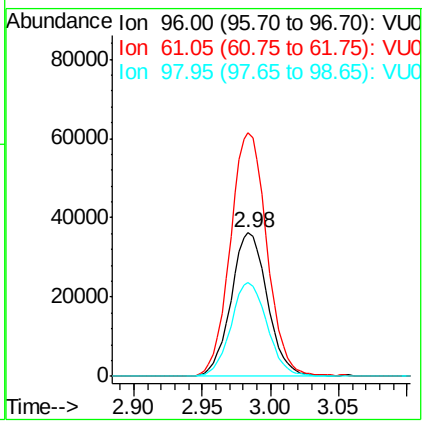


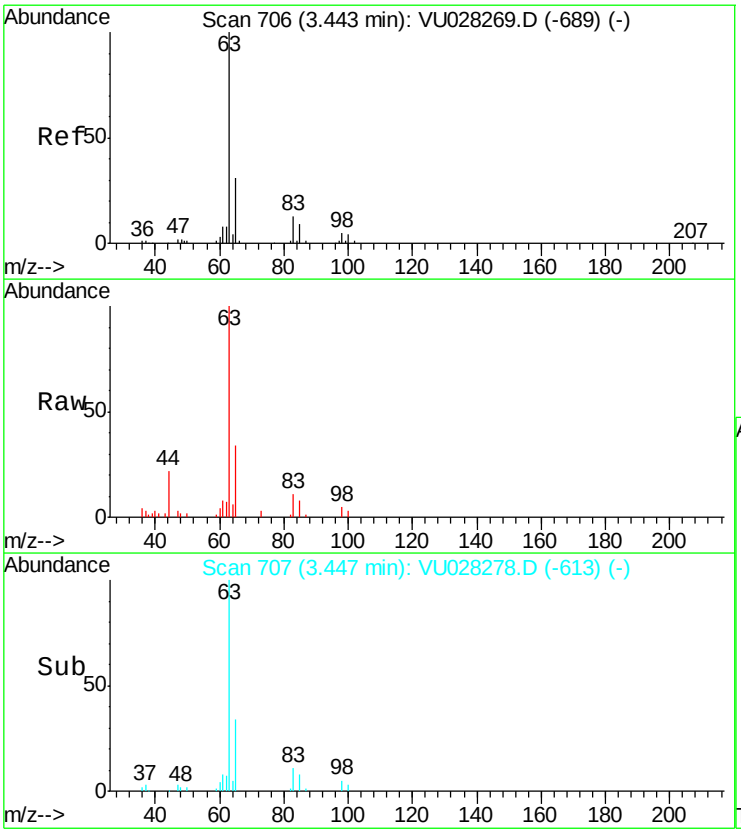
#18
trans-1,2-Dichloroethene
Concen: 7.85 ug/L
RT: 2.98 min Scan# 563
Delta R.T. 0.00 min
Lab File: VU028278.D
Acq: 20 Nov 2018 15:11

Instrument :
MSVOA_U
ClientSampleId :
H0FL7

Tgt Ion: 96 Resp: 67052

Ion	Ratio	Lower	Upper
96	100		
61	169.5	122.2	227.0
98	65.2	44.9	83.5

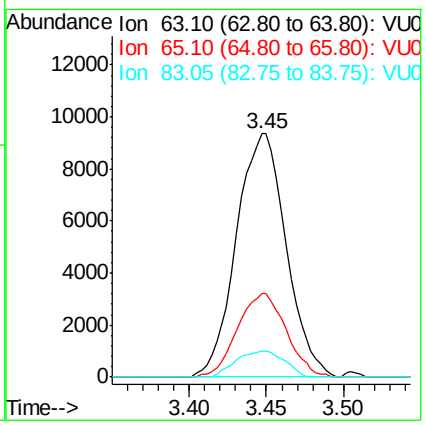


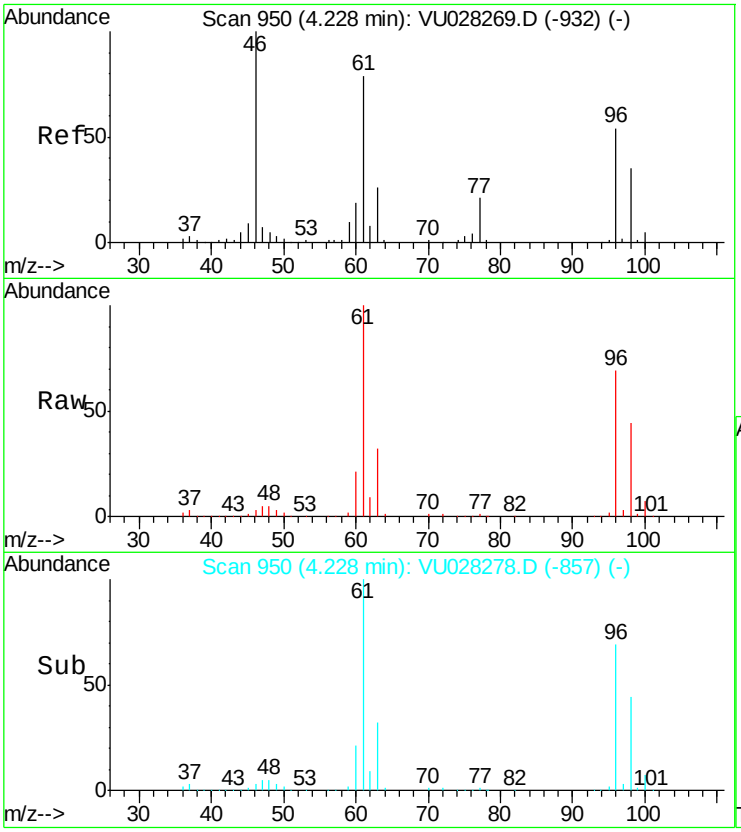


#19
1,1-Dichloroethane
Concen: 1.05 ug/L
RT: 3.45 min Scan# 707
Delta R.T. 0.00 min
Lab File: VU028278.D
Acq: 20 Nov 2018 15:11

Tgt Ion: 63 Resp: 20886

Ion	Ratio	Lower	Upper
63	100		
65	34.4	21.2	39.4
83	10.8	8.8	16.4



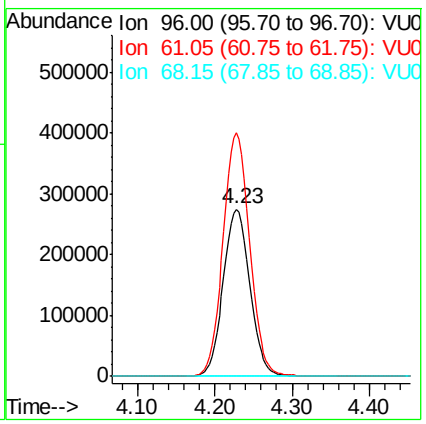


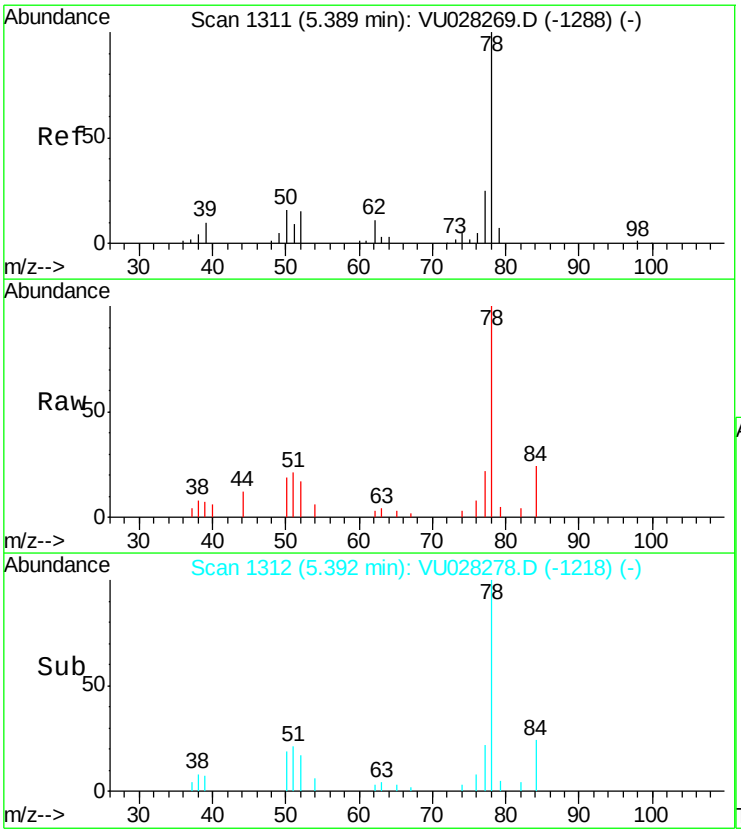
#22
cis-1,2-Dichloroethene
Concen: 65.11 ug/L
RT: 4.23 min Scan# 950
Delta R.T. 0.00 min
Lab File: VU028278.D
Acq: 20 Nov 2018 15:11

Instrument :
MSVOA_U
ClientSampleId :
H0FL7

Tgt Ion: 96 Resp: 657268

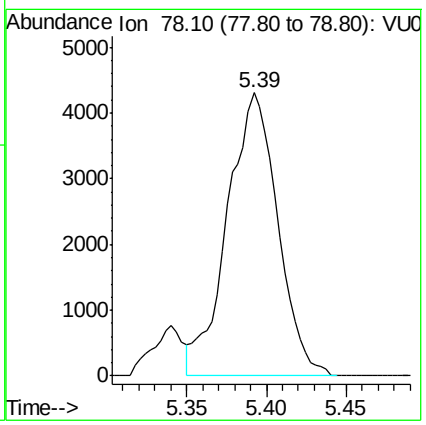
Ion	Ratio	Lower	Upper
96	100		
61	145.4	108.0	200.6
68	0.0	0.0	0.0

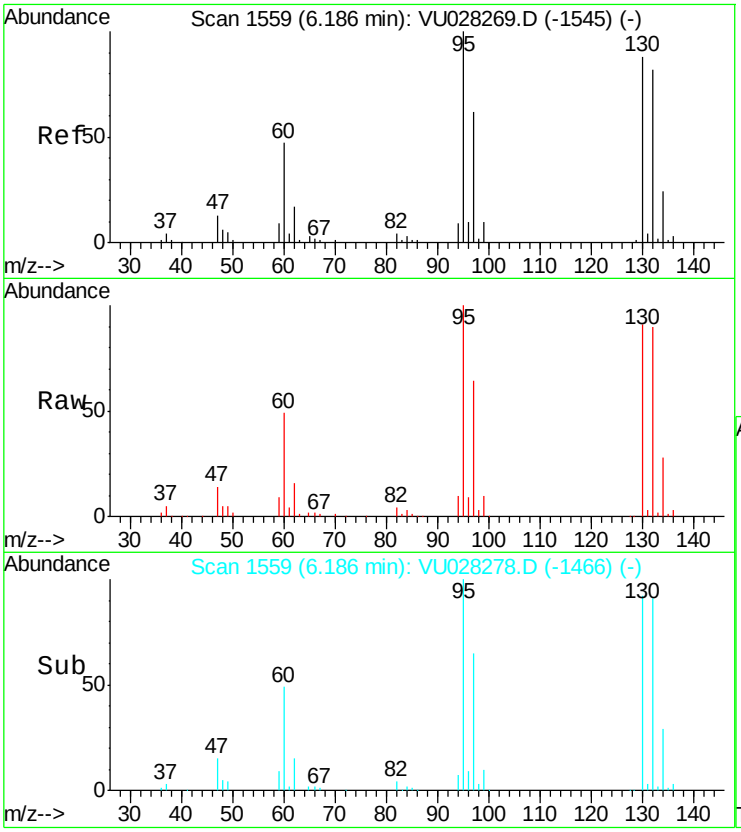




#33
Benzene
Concen: 0.23 ug/L
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU028278.D
Acq: 20 Nov 2018 15:11

Tgt Ion: 78 Resp: 9283





#34
Trichloroethene
Concen: 24.15 ug/L
RT: 6.19 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VU028278.D
Acq: 20 Nov 2018 15:11

Instrument :
MSVOA_U
ClientSampleId :
H0FL7

Tgt Ion: 95 Resp: 234498

Ion	Ratio	Lower	Upper
95	100		
97	64.1	46.5	86.3
132	90.1	58.9	109.3
130	90.6	61.3	113.9