Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111618\
Data File : VU028213.D
Acq On : 17 Nov 2018 03:41
Operator : MD/SY
Sample : J5986-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FJ5

Quant Time: Nov 17 04:29:26 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	147880	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	139406	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	63882	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	42346	3.45	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 69.00%			
7) Chloroethane-d5	1.68	69	35050	3.60	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 72.00%			
11) 1,1-Dichloroethene-d2	2.28	63	61474	2.68	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 53.60%#			
20) 2-Butanone-d5	4.20	46	147079	41.32	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 82.64%			
24) Chloroform-d	4.65	84	70361	3.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 72.20%			
26) 1,2-Dichloroethane-d4	5.31	65	43015	3.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.00%			
32) Benzene-d6	5.34	84	146280	3.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 73.00%			
36) 1,2-Dichloropropane-d6	6.33	67	54708	3.82	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 76.40%			
41) Toluene-d8	7.57	98	126747	3.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 68.00%#			
43) trans-1,3-Dichloropropene-	7.85	79	15495	3.04	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 60.80%			
46) 2-Hexanone-d5	8.31	63	105845	36.29	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 72.58%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	39044	3.86	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 77.20%			
64) 1,2-Dichlorobenzene-d4	11.86	152	43980	3.68	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 73.60%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	90796	5.732	ug/L	96
17) Methyl tert-butyl Ether	3.01	73	603975	21.971	ug/L	98
18) trans-1,2-Dichloroethene	2.99	96	2997	0.287	ug/L	78
19) 1,1-Dichloroethane	3.45	63	10819	0.492	ug/L	98
22) cis-1,2-Dichloroethene	4.23	96	29614	2.569	ug/L	97
33) Benzene	5.39	78	8280	0.176	ug/L	100
34) Trichloroethene	6.19	95	3885	0.335	ug/L	90

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

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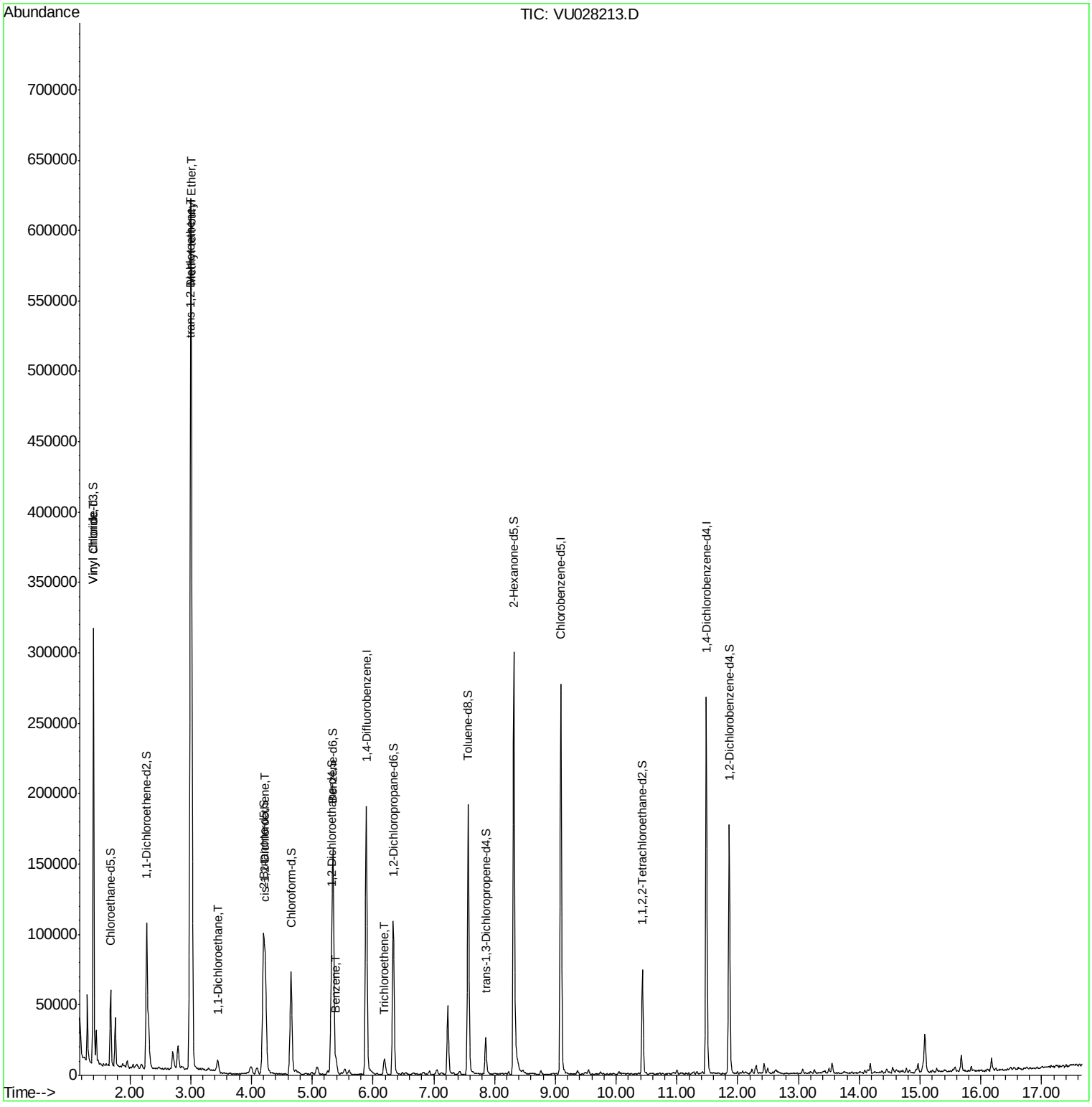
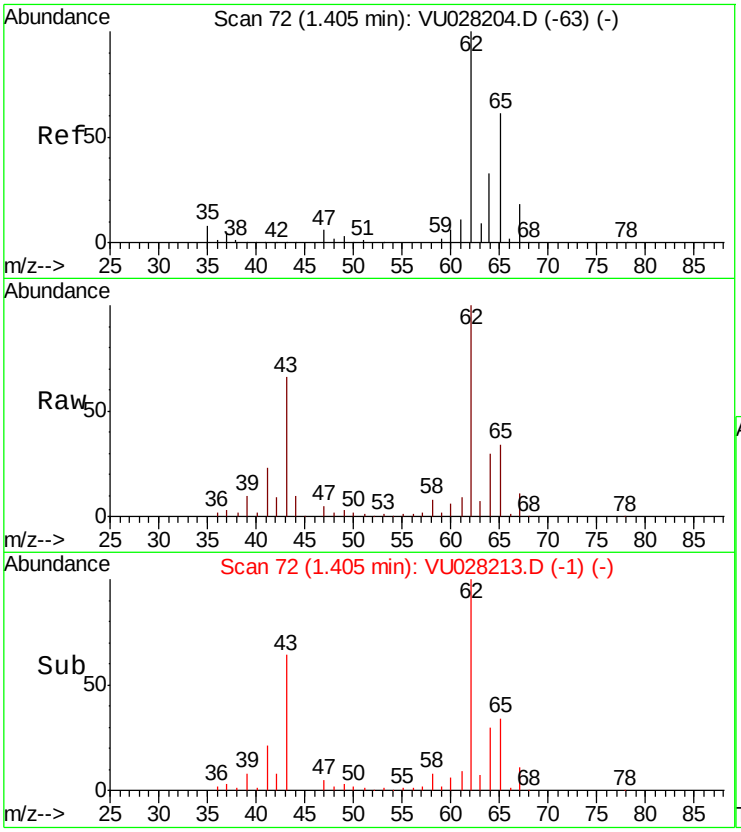


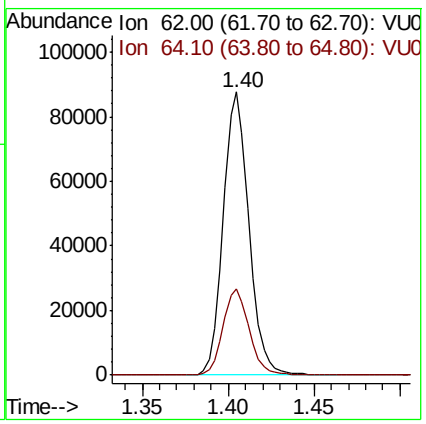


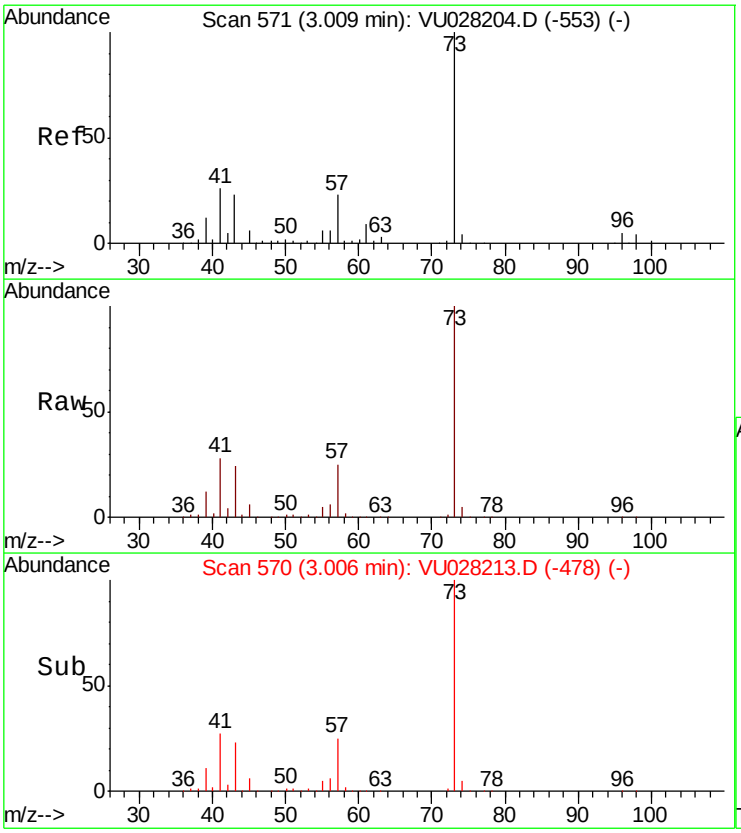
#5
Vinyl chloride
Concen: 5.732 ug/L
RT: 1.40 min Scan# 72
Delta R.T. -0.00 min
Lab File: VU028213.D
Acq: 17 Nov 2018 03:41

Instrument :
MSVOA_U
ClientSampleId :
H0FJ5

Tgt Ion: 62 Resp: 90796

Ion	Ratio	Lower	Upper
62	100		
64	30.4	22.7	42.3

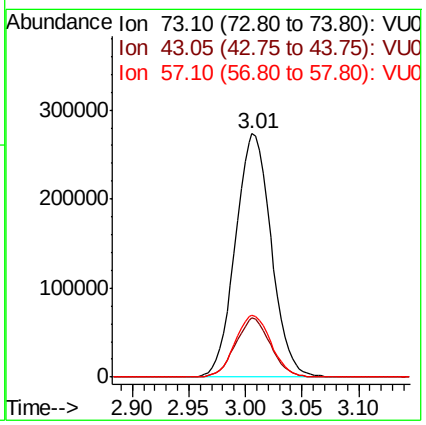


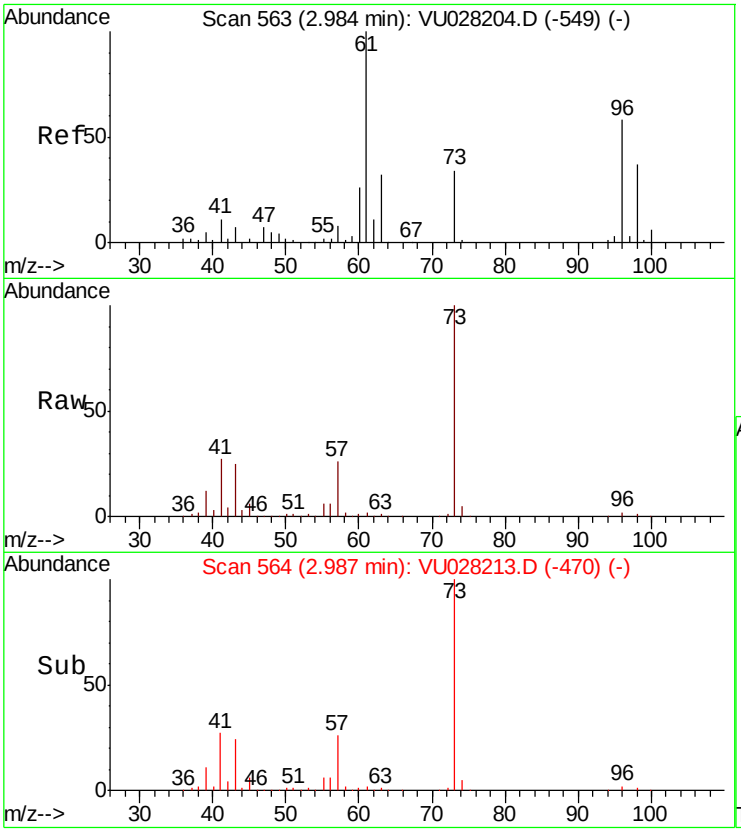


#17
Methyl tert-butyl Ether
Concen: 21.971 ug/L
RT: 3.01 min Scan# 570
Delta R.T. -0.00 min
Lab File: VU028213.D
Acq: 17 Nov 2018 03:41

Tgt Ion: 73 Resp: 603975

Ion	Ratio	Lower	Upper
73	100		
43	23.4	18.1	27.1
57	25.7	20.0	30.0



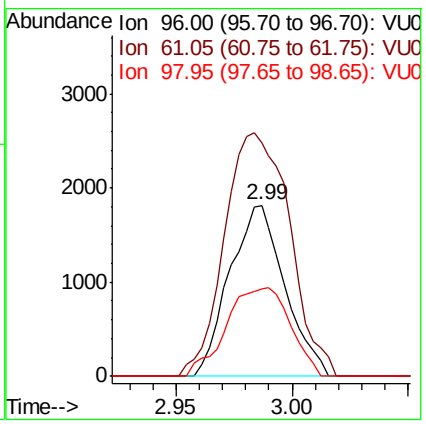


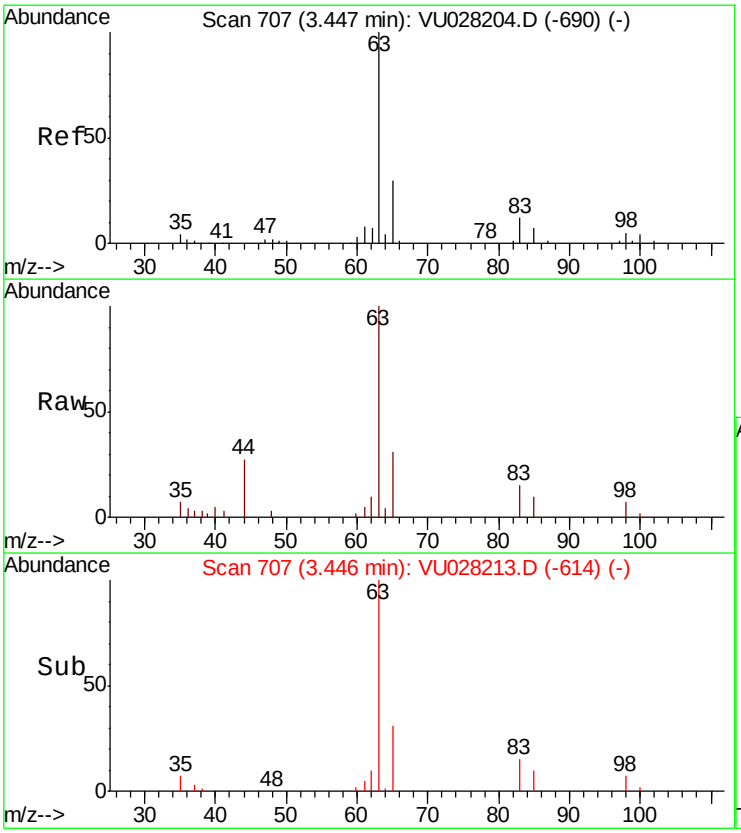
#18
trans-1,2-Dichloroethene
Concen: 0.287 ug/L
RT: 2.99 min Scan# 564
Delta R.T. 0.00 min
Lab File: VU028213.D
Acq: 17 Nov 2018 03:41

Instrument :
MSVOA_U
ClientSampleId :
H0FJ5

Tgt Ion: 96 Resp: 2997

Ion	Ratio	Lower	Upper
96	100		
61	136.3	118.5	220.1
98	51.6	44.9	83.5

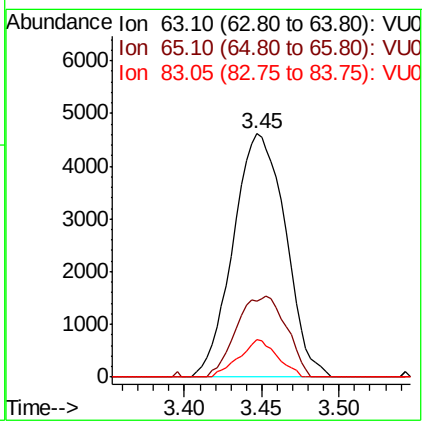


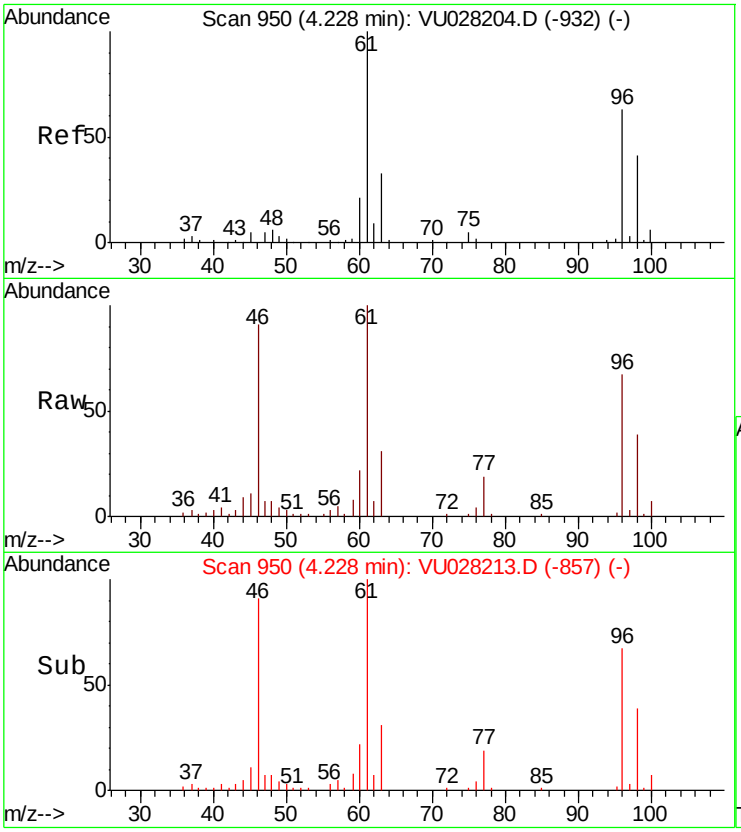


#19
1,1-Dichloroethane
Concen: 0.492 ug/L
RT: 3.45 min Scan# 707
Delta R.T. -0.00 min
Lab File: VU028213.D
Acq: 17 Nov 2018 03:41

Tgt Ion: 63 Resp: 10819

Ion	Ratio	Lower	Upper
63	100		
65	31.4	22.2	41.2
83	15.4	8.9	16.5



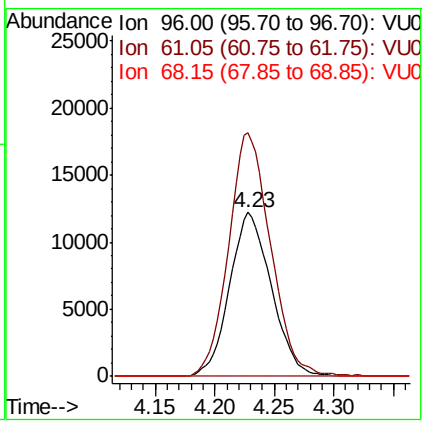


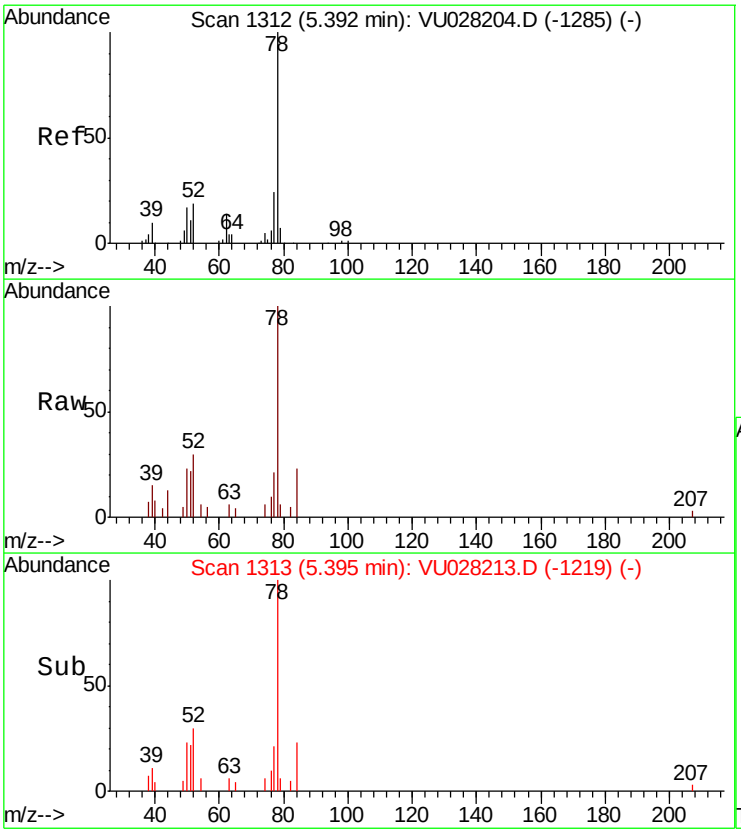
#22
cis-1,2-Dichloroethene
Concen: 2.569 ug/L
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU028213.D
Acq: 17 Nov 2018 03:41

Instrument :
MSVOA_U
ClientSampleId :
H0FJ5

Tgt Ion: 96 Resp: 29614

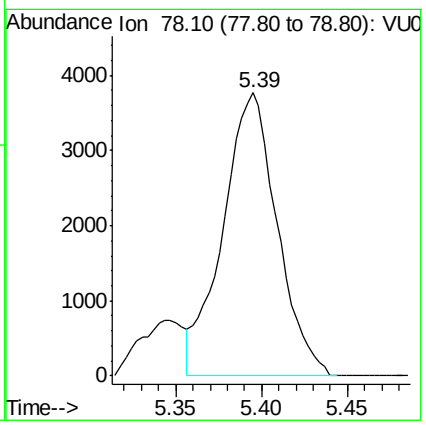
Ion	Ratio	Lower	Upper
96	100		
61	148.7	101.8	189.0
68	0.0	0.0	0.0

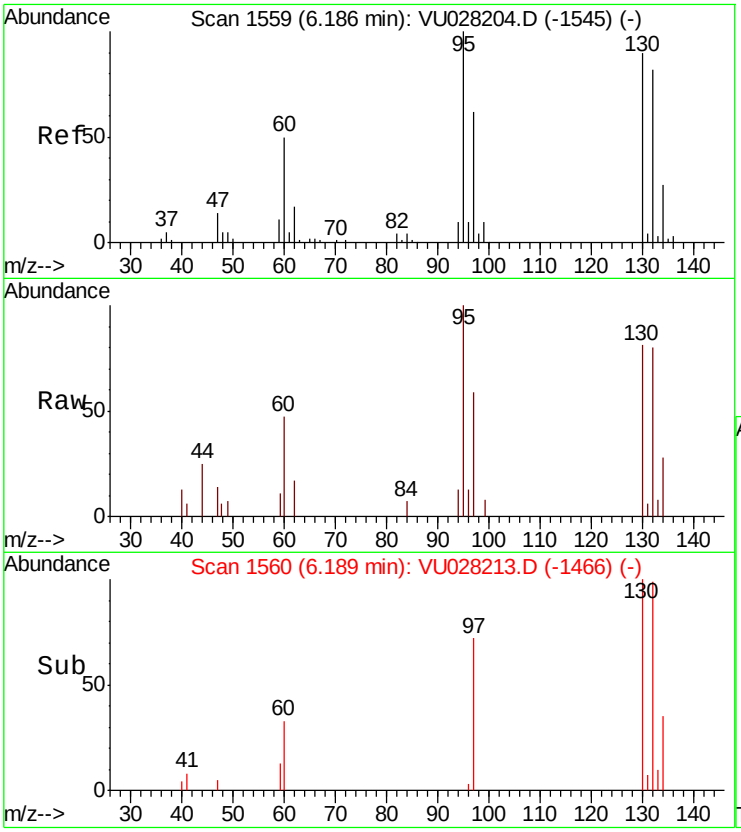




#33
Benzene
Concen: 0.176 ug/L
RT: 5.39 min Scan# 1313
Delta R.T. 0.00 min
Lab File: VU028213.D
Acq: 17 Nov 2018 03:41

Tgt Ion: 78 Resp: 8280





#34
Trichloroethene
Concen: 0.335 ug/L
RT: 6.19 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VU028213.D
Acq: 17 Nov 2018 03:41

Instrument :
MSVOA_U
ClientSampleId :
H0FJ5

Tgt Ion: 95 Resp: 3885

Ion	Ratio	Lower	Upper
95	100		
97	58.8	45.3	84.1
132	80.4	63.0	117.0
130	81.1	63.6	118.2