Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111518\
Data File : VU028165.D
Acq On : 15 Nov 2018 11:45
Operator : MD/SY
Sample : J5943-12DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FL1DL

Quant Time: Nov 21 07:48:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 16 00:43:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	130240	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	123435	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	56171	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	44674	4.13	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.60%			
7) Chloroethane-d5	1.68	69	37756	4.40	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.00%			
11) 1,1-Dichloroethene-d2	2.28	63	64752	3.21	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 64.20%			
20) 2-Butanone-d5	4.19	46	163765	52.25	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.50%			
24) Chloroform-d	4.65	84	81018	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.20%			
26) 1,2-Dichloroethane-d4	5.31	65	47153	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.20%			
32) Benzene-d6	5.34	84	162899	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.00%			
36) 1,2-Dichloropropane-d6	6.33	67	60297	4.76	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.20%			
41) Toluene-d8	7.57	98	142245	4.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.20%			
43) trans-1,3-Dichloropropene-	7.85	79	18238	4.04	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.80%			
46) 2-Hexanone-d5	8.31	63	123871	47.96	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.92%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	41367	4.62	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.40%			
64) 1,2-Dichlorobenzene-d4	11.86	152	48938	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	145800	10.451	ug/L	99
18) trans-1,2-Dichloroethene	2.99	96	13749	1.493	ug/L	95
19) 1,1-Dichloroethane	3.45	63	27052	1.397	ug/L	98
22) cis-1,2-Dichloroethene	4.22	96	63761	6.281	ug/L	97
33) Benzene	5.39	78	5061	0.122	ug/L	100
34) Trichloroethene	6.19	95	1528	0.149	ug/L	92

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

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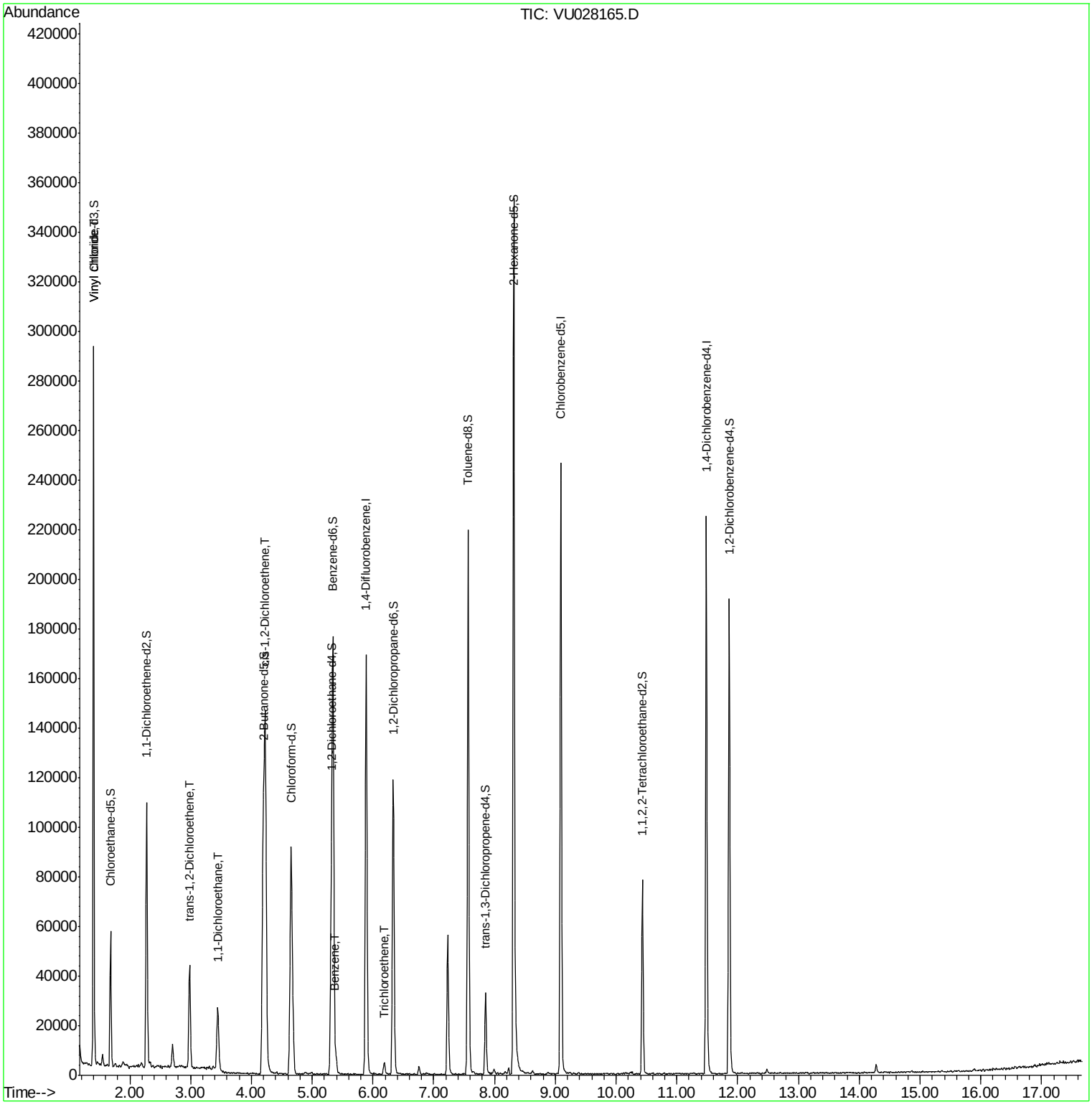
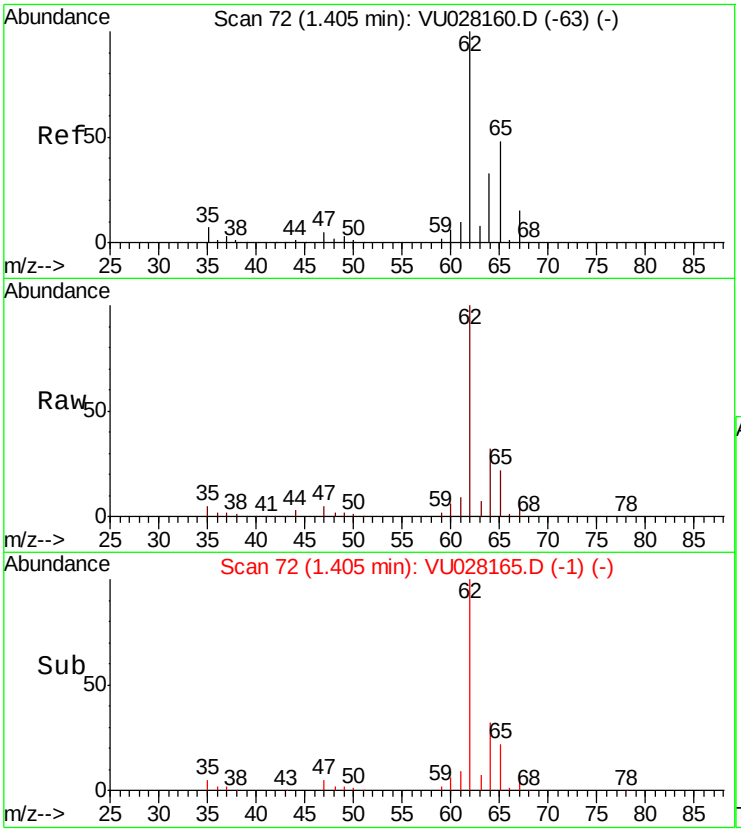


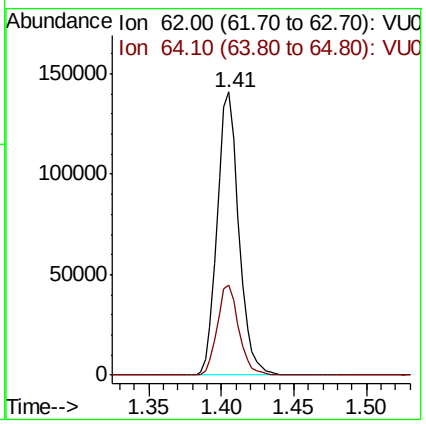


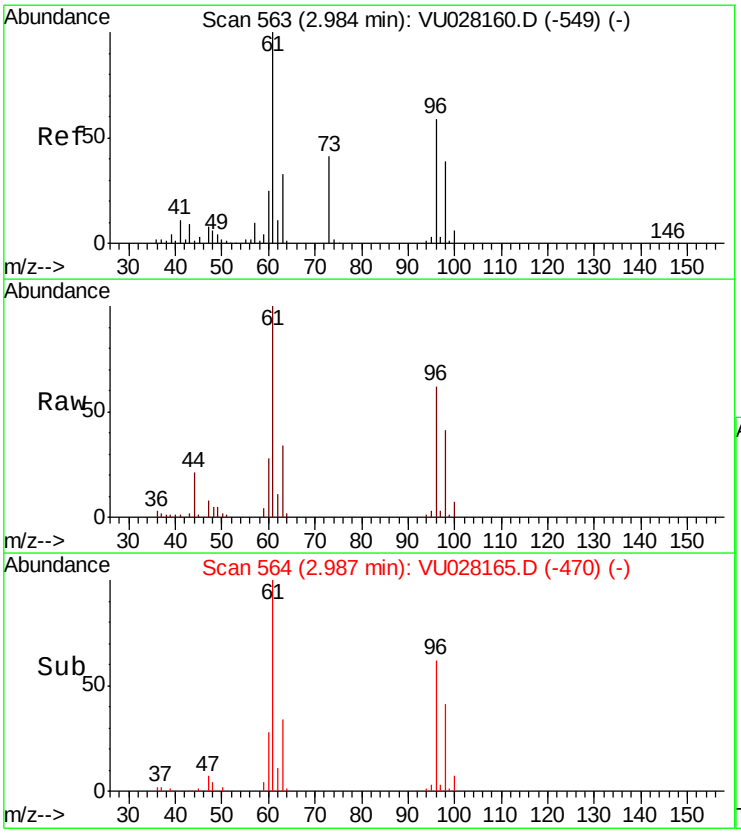
#5
Vinyl chloride
Concen: 10.451 ug/L
RT: 1.41 min Scan# 72
Delta R.T. 0.00 min
Lab File: VU028165.D
Acq: 15 Nov 2018 11:45

Instrument :
MSVOA_U
ClientSampleId :
H0FL1DL

Tgt Ion: 62 Resp: 145800

Ion	Ratio	Lower	Upper
62	100		
64	31.9	22.7	42.3

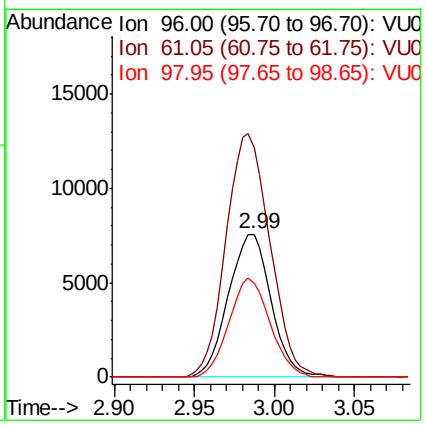


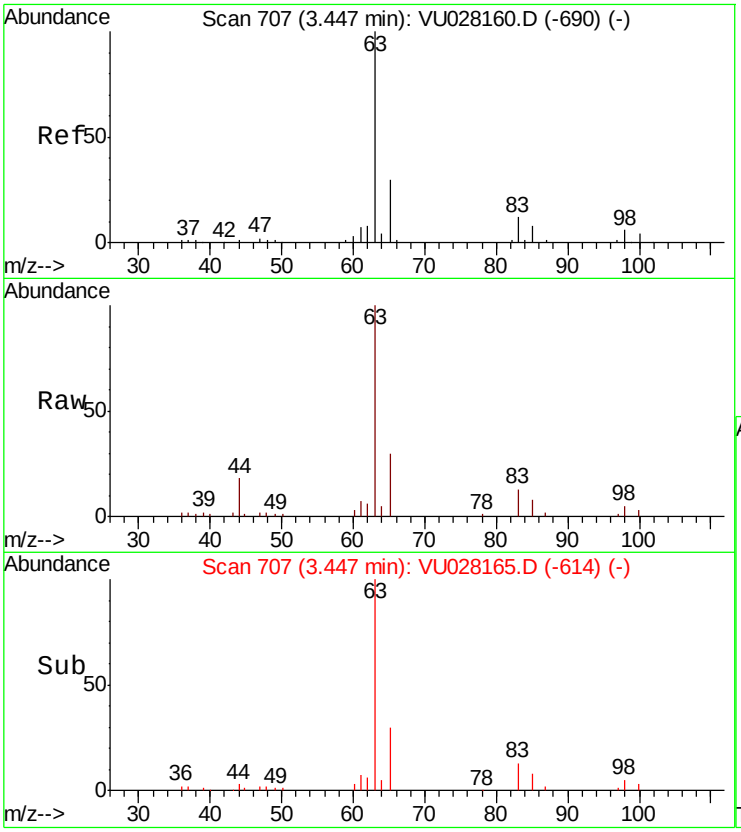


#18
trans-1,2-Dichloroethene
Concen: 1.493 ug/L
RT: 2.99 min Scan# 564
Delta R.T. 0.00 min
Lab File: VU028165.D
Acq: 15 Nov 2018 11:45

Tgt Ion: 96 Resp: 13749

Ion	Ratio	Lower	Upper
96	100		
61	161.1	118.5	220.1
98	65.9	44.9	83.5



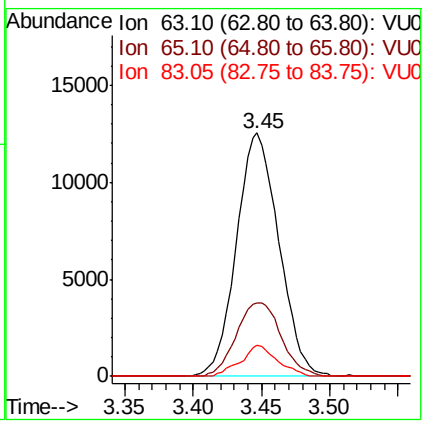


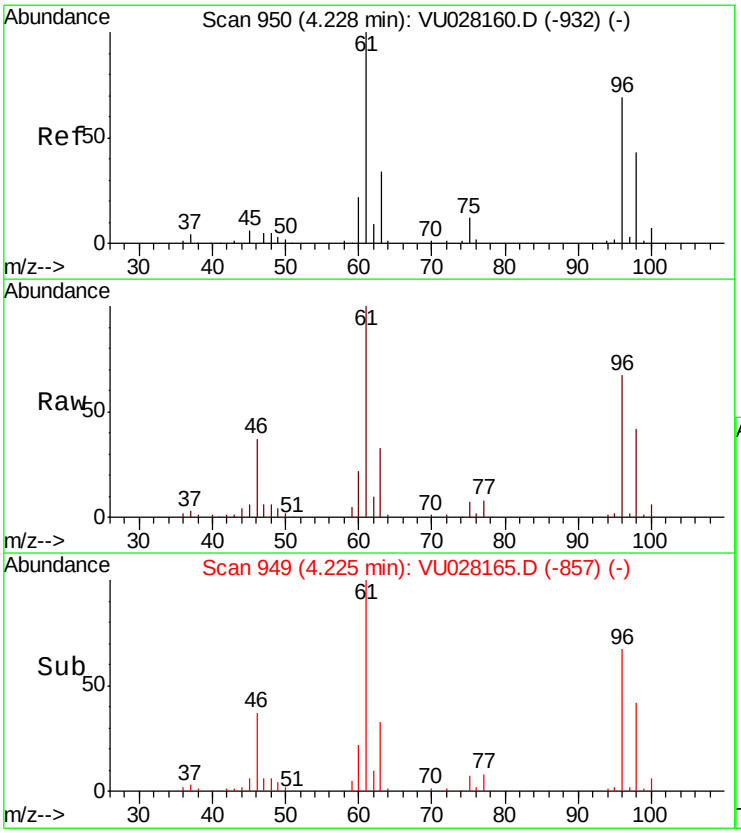
#19
1,1-Dichloroethane
Concen: 1.397 ug/L
RT: 3.45 min Scan# 707
Delta R.T. 0.00 min
Lab File: VU028165.D
Acq: 15 Nov 2018 11:45

Instrument : MSVOA_U
ClientSampleId : H0FL1DL

Tgt Ion: 63 Resp: 27052

Ion	Ratio	Lower	Upper
63	100		
65	30.4	22.2	41.2
83	12.9	8.9	16.5

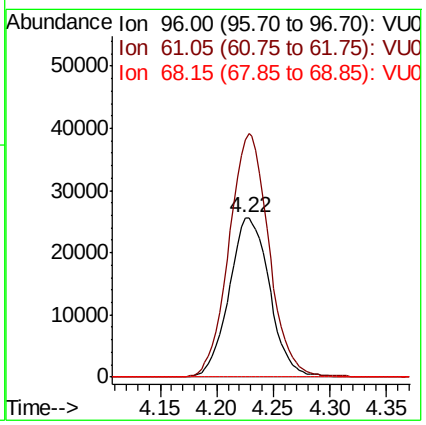


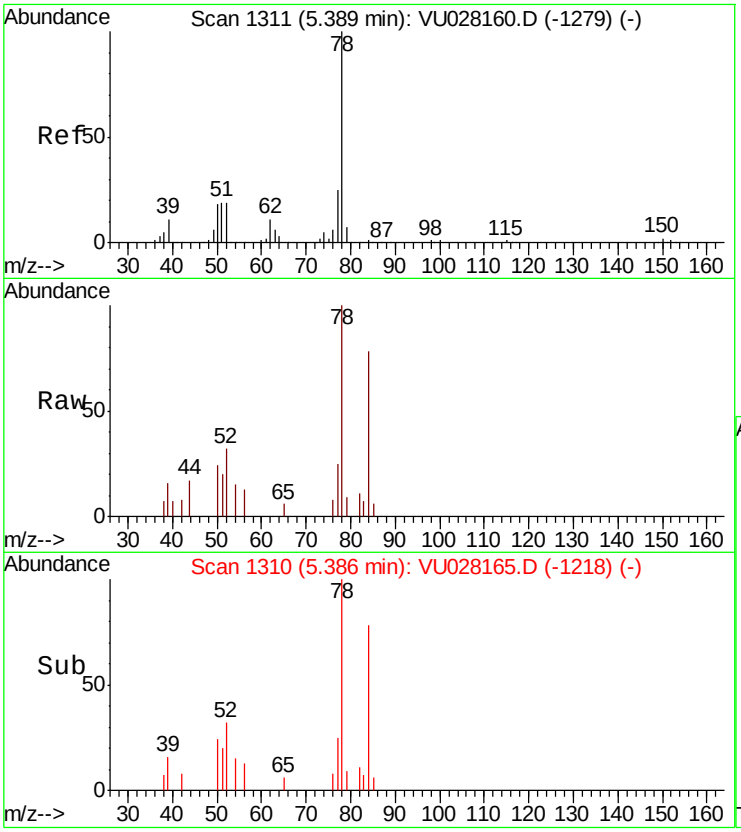


#22
cis-1,2-Dichloroethene
Concen: 6.281 ug/L
RT: 4.22 min Scan# 949
Delta R.T. -0.00 min
Lab File: VU028165.D
Acq: 15 Nov 2018 11:45

Tgt Ion: 96 Resp: 63761

Ion	Ratio	Lower	Upper
96	100		
61	148.8	101.8	189.0
68	0.0	0.0	0.0

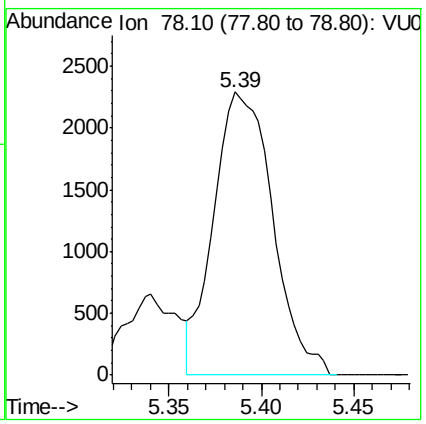


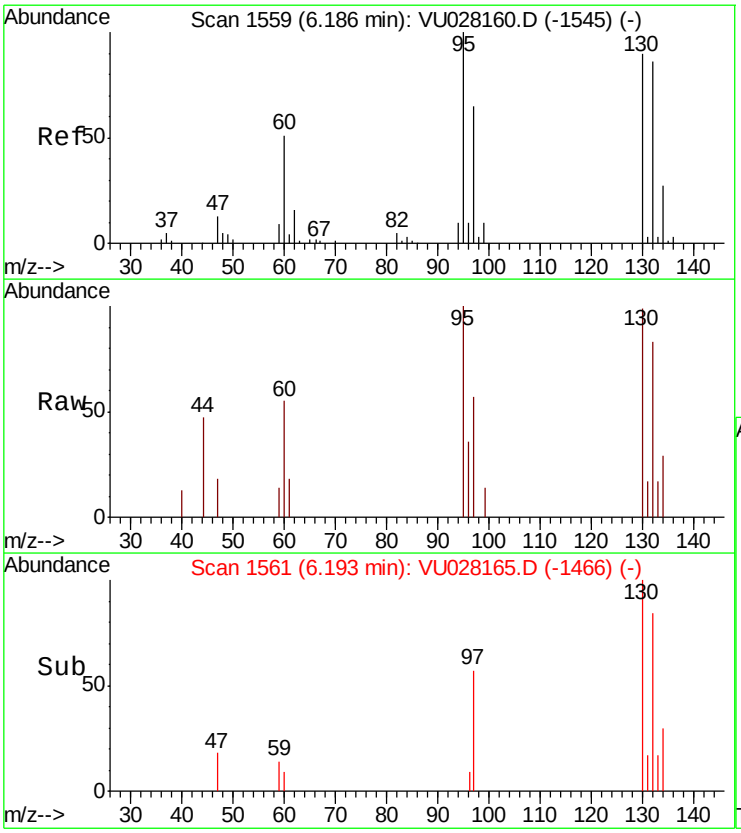


#33
Benzene
Concen: 0.122 ug/L
RT: 5.39 min Scan# 1310
Delta R.T. -0.00 min
Lab File: VU028165.D
Acq: 15 Nov 2018 11:45

Instrument :
MSVOA_U
ClientSampleId :
H0FL1DL

Tgt Ion: 78 Resp: 5061





#34
Trichloroethene
Concen: 0.149 ug/L
RT: 6.19 min Scan# 1561
Delta R.T. 0.01 min
Lab File: VU028165.D
Acq: 15 Nov 2018 11:45

Tgt Ion: 95 Resp: 1528

Ion	Ratio	Lower	Upper
95	100		
97	56.5	45.3	84.1
132	83.5	63.0	117.0
130	99.1	63.6	118.2