Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028139.D
Acq On : 14 Nov 2018 23:20
Operator : MD/SY
Sample : J5943-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FG4

Quant Time: Nov 15 07:08:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 15 06:14:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	132671	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	125645	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	56238	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	46347	4.21	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.20%			
7) Chloroethane-d5	1.68	69	38072	4.35	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.00%			
11) 1,1-Dichloroethene-d2	2.28	63	66700	3.24	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 64.80%			
20) 2-Butanone-d5	4.19	46	167196	52.36	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.72%			
24) Chloroform-d	4.65	84	81082	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.60%			
26) 1,2-Dichloroethane-d4	5.31	65	47800	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.80%			
32) Benzene-d6	5.34	84	167011	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.60%			
36) 1,2-Dichloropropane-d6	6.33	67	62995	4.88	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.60%			
41) Toluene-d8	7.57	98	145139	4.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.40%			
43) trans-1,3-Dichloropropene-	7.85	79	18792	4.08	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.60%			
46) 2-Hexanone-d5	8.31	63	126546	48.14	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.28%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	43751	4.80	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.00%			
64) 1,2-Dichlorobenzene-d4	11.86	152	50231	4.78	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.60%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	37810	2.661	ug/L	97
13) Acetone	2.32	43	2282	1.061	ug/L	93
18) trans-1,2-Dichloroethene	2.98	96	4555	0.486	ug/L	90
19) 1,1-Dichloroethane	3.45	63	3324	0.169	ug/L	92
22) cis-1,2-Dichloroethene	4.23	96	25255	2.442	ug/L	97
35) Methylcyclohexane	6.42	83	2009	0.112	ug/L #	90

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

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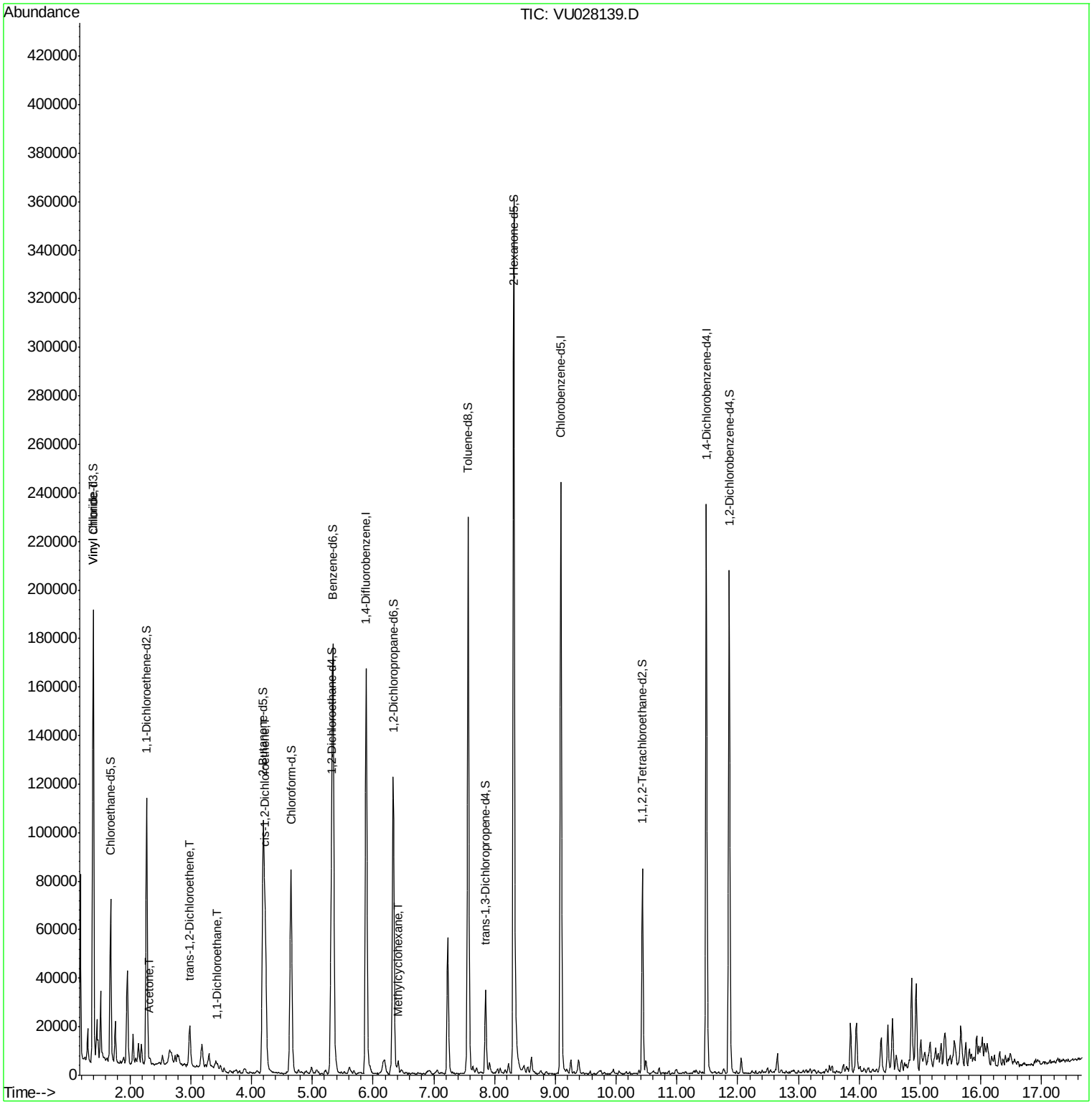
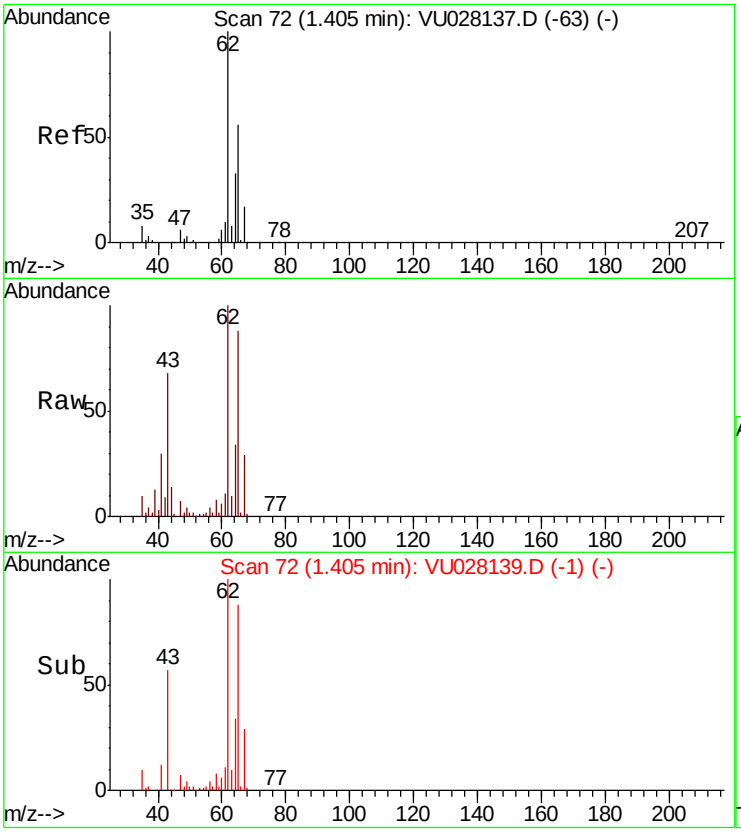


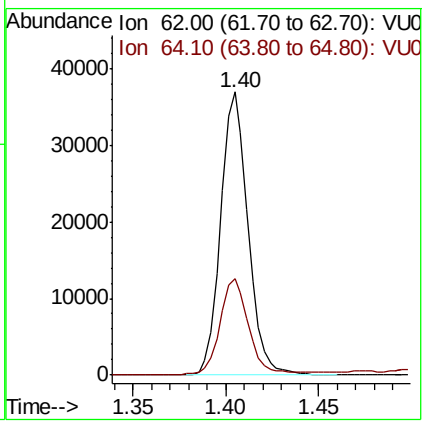


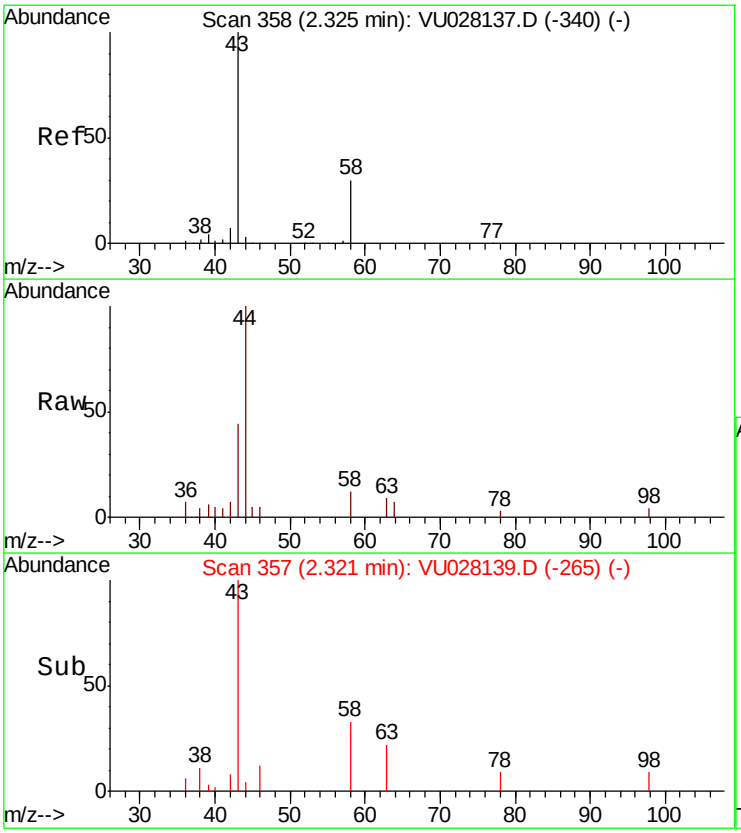
#5
Vinyl chloride
Concen: 2.661 ug/L
RT: 1.40 min Scan# 72
Delta R.T. -0.00 min
Lab File: VU028139.D
Acq: 14 Nov 2018 23:20

Instrument :
MSVOA_U
ClientSampleId :
H0FG4

Tgt Ion: 62 Resp: 37810

Ion	Ratio	Lower	Upper
62	100		
64	34.2	22.7	42.3

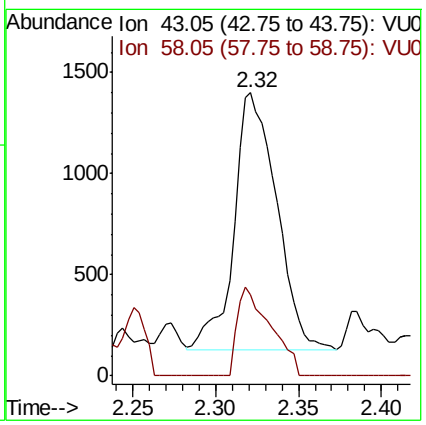


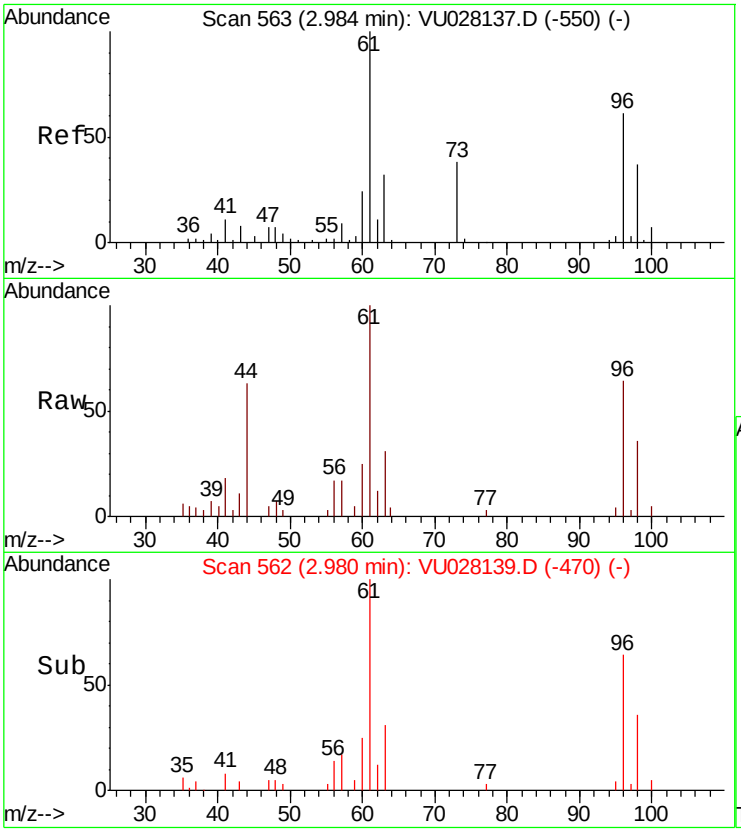


#13
Acetone
Concen: 1.061 ug/L
RT: 2.32 min Scan# 357
Delta R.T. -0.00 min
Lab File: VU028139.D
Acq: 14 Nov 2018 23:20

Tgt Ion: 43 Resp: 2282

Ion	Ratio	Lower	Upper
43	100		
58	26.9	0.0	61.6



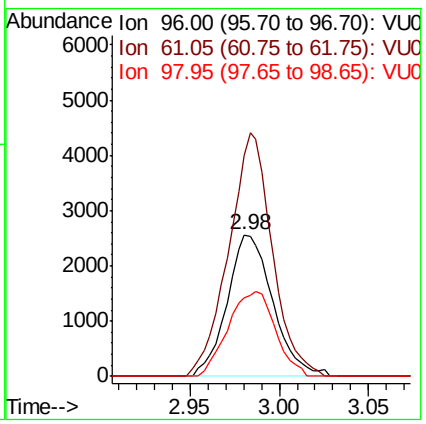


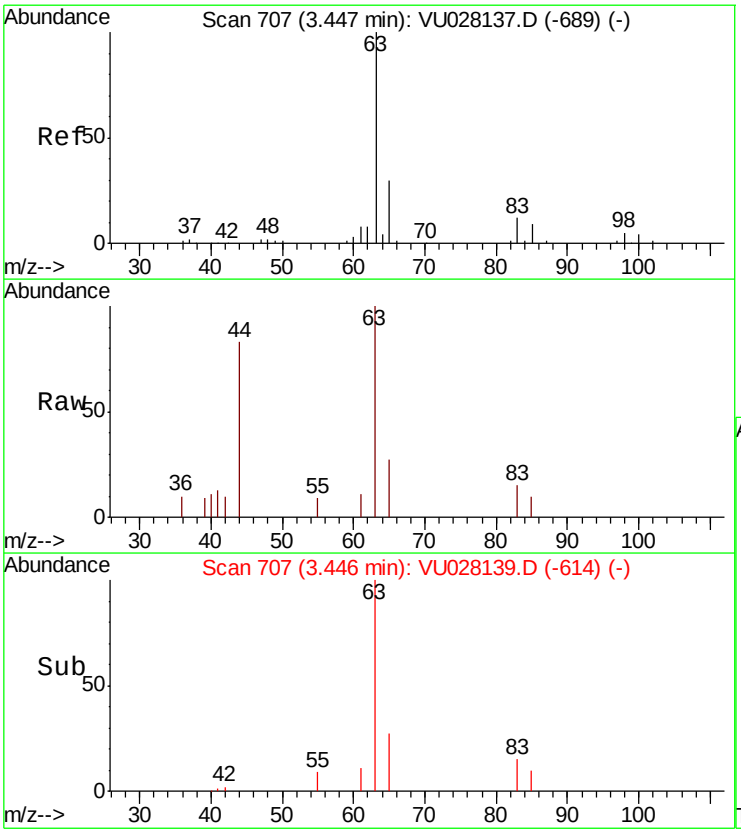
#18
trans-1,2-Dichloroethene
Concen: 0.486 ug/L
RT: 2.98 min Scan# 562
Delta R.T. -0.00 min
Lab File: VU028139.D
Acq: 14 Nov 2018 23:20

Instrument :
MSVOA_U
ClientSampleId :
H0FG4

Tgt Ion: 96 Resp: 4555

Ion	Ratio	Lower	Upper
96	100		
61	155.6	118.5	220.1
98	55.4	44.9	83.5

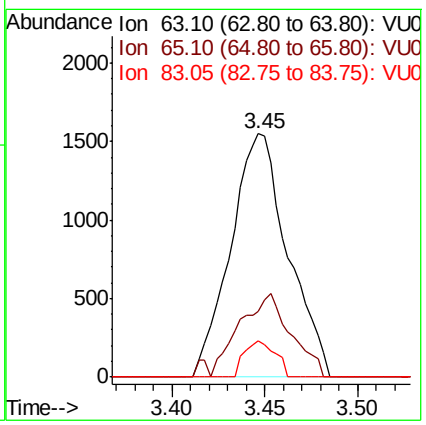


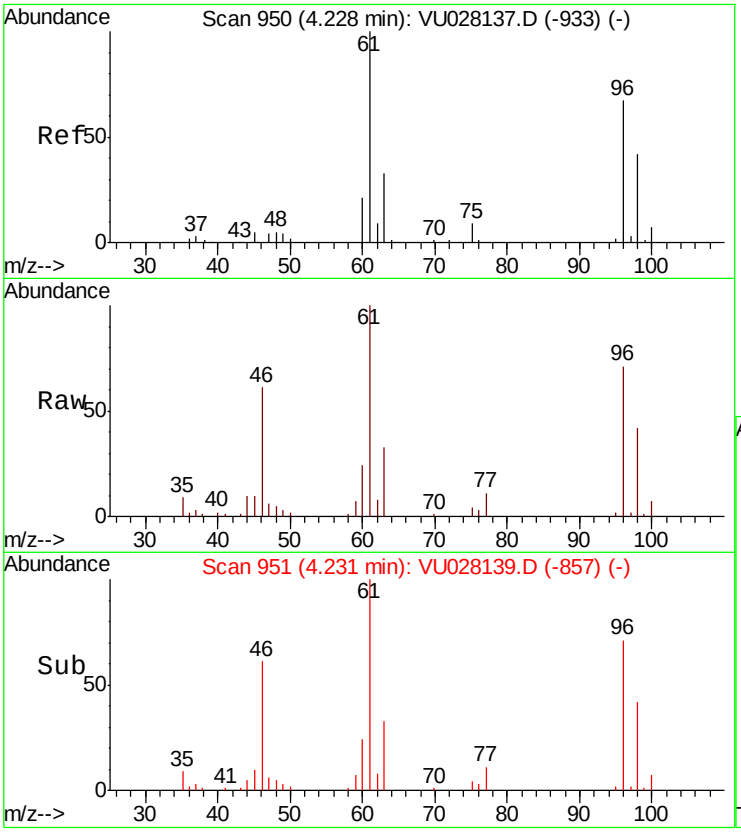


#19
1,1-Dichloroethane
Concen: 0.169 ug/L
RT: 3.45 min Scan# 707
Delta R.T. -0.00 min
Lab File: VU028139.D
Acq: 14 Nov 2018 23:20

Tgt Ion: 63 Resp: 3324

Ion	Ratio	Lower	Upper
63	100		
65	26.9	22.2	41.2
83	14.7	8.9	16.5



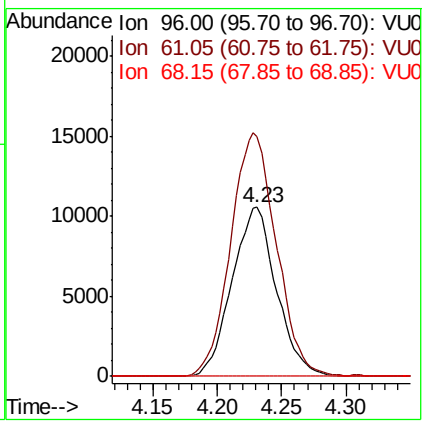


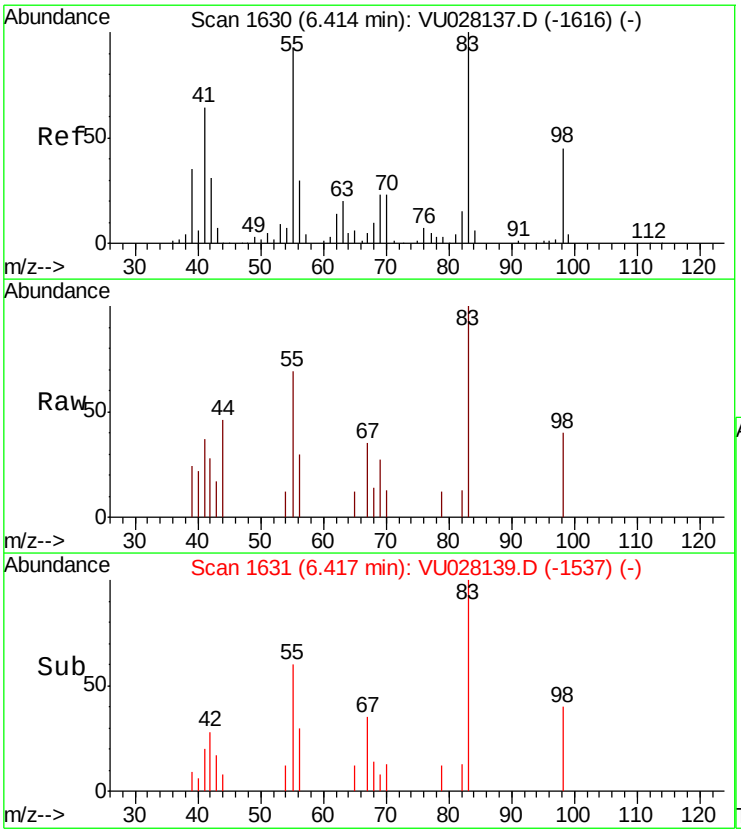
#22
cis-1,2-Dichloroethene
Concen: 2.442 ug/L
RT: 4.23 min Scan# 951
Delta R.T. 0.00 min
Lab File: VU028139.D
Acq: 14 Nov 2018 23:20

Instrument :
MSVOA_U
ClientSampleId :
H0FG4

Tgt Ion: 96 Resp: 25255

Ion	Ratio	Lower	Upper
96	100		
61	141.5	101.8	189.0
68	0.0	0.0	0.0





#35
Methylcyclohexane
Concen: 0.112 ug/L
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU028139.D
Acq: 14 Nov 2018 23:20

Tgt Ion: 83 Resp: 2009

Ion	Ratio	Lower	Upper
83	100		
55	90.0	69.0	103.4
98	28.0	33.3	49.9#