Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111918\
Data File : VU028264.D
Acq On : 19 Nov 2018 19:13
Operator : MD/SY
Sample : J5986-07DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FJ0DL

Quant Time: Nov 20 08:21:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 07:07:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	128770	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	126931	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	55660	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	43987	4.54	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.80%			
7) Chloroethane-d5	1.68	69	39581	4.73	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.60%			
11) 1,1-Dichloroethene-d2	2.28	63	66124	3.43	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.60%			
20) 2-Butanone-d5	4.20	46	152263	46.96	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.92%			
24) Chloroform-d	4.65	84	81141	4.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.80%			
26) 1,2-Dichloroethane-d4	5.31	65	46142	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.40%			
32) Benzene-d6	5.34	84	163701	4.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.60%			
36) 1,2-Dichloropropane-d6	6.33	67	62488	4.71	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.20%			
41) Toluene-d8	7.57	98	142114	4.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.00%			
43) trans-1,3-Dichloropropene-	7.85	79	18167	4.29	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.80%			
46) 2-Hexanone-d5	8.31	63	106982	42.09	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 84.18%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	43009	4.49	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.80%			
64) 1,2-Dichlorobenzene-d4	11.86	152	49524	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	18726	1.433	ug/L #	78
17) Methyl tert-butyl Ether	3.01	73	5687	0.239	ug/L	96
18) trans-1,2-Dichloroethene	2.98	96	1678	0.199	ug/L	80
19) 1,1-Dichloroethane	3.45	63	2333	0.119	ug/L #	86
22) cis-1,2-Dichloroethene	4.23	96	74067	7.420	ug/L	93
34) Trichloroethene	6.19	95	87109	8.496	ug/L	94
47) Tetrachloroethene	8.23	164	2022	0.284	ug/L #	75

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

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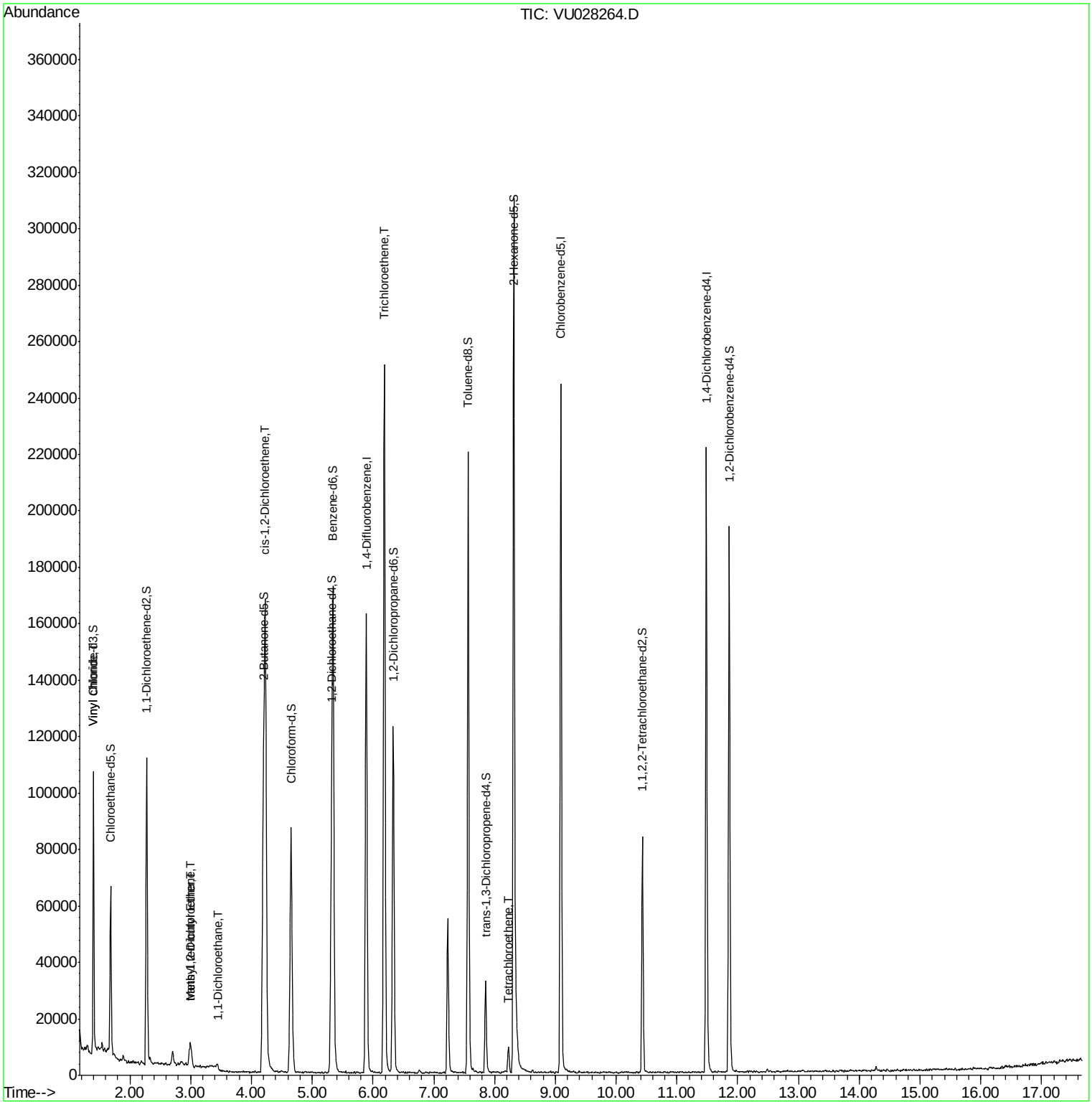
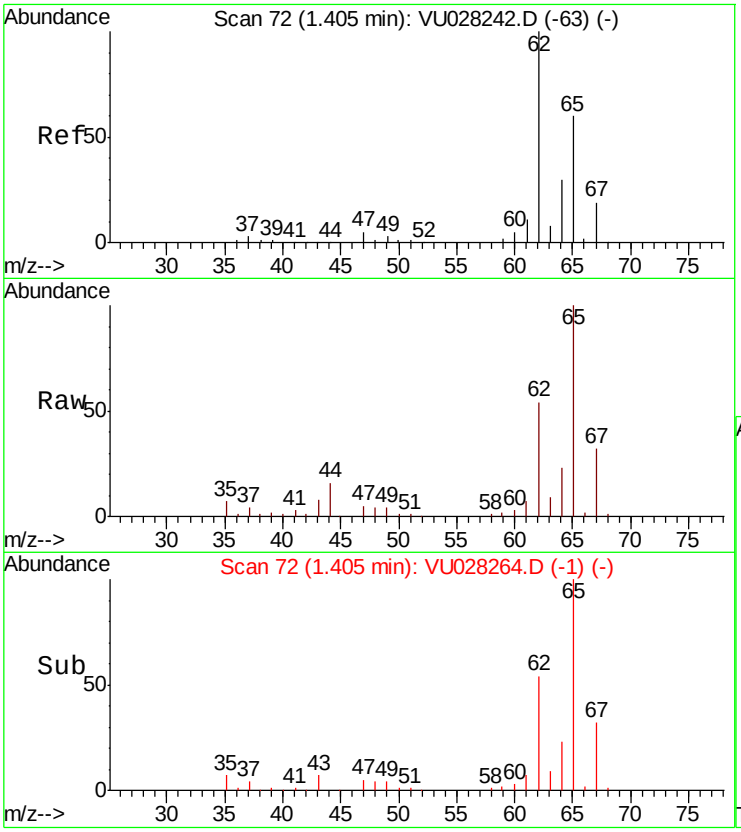


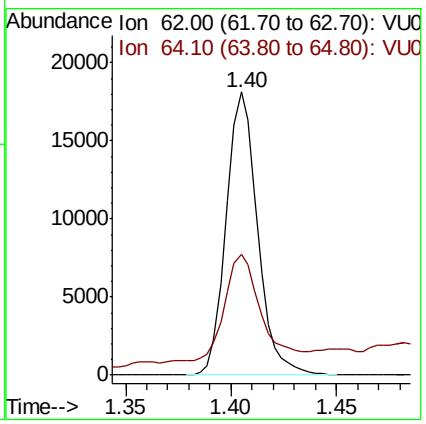


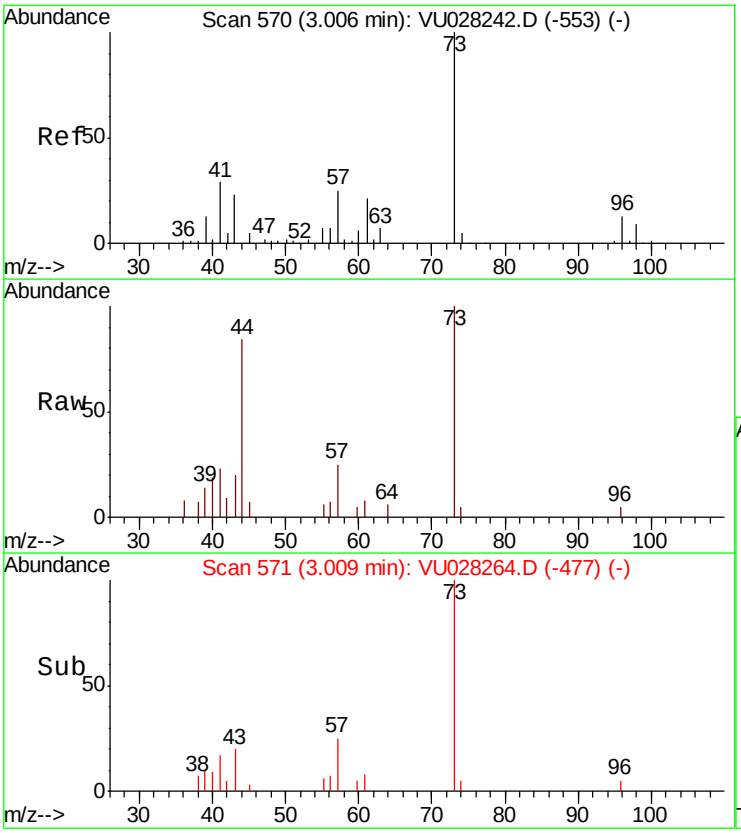
#5
Vinyl chloride
Concen: 1.433 ug/L
RT: 1.40 min Scan# 72
Delta R.T. -0.00 min
Lab File: VU028264.D
Acq: 19 Nov 2018 19:13

Instrument : MSVOA_U
ClientSampleId : H0FJ0DL

Tgt Ion: 62 Resp: 18726

Ion	Ratio	Lower	Upper
62	100		
64	42.8	21.7	40.3#

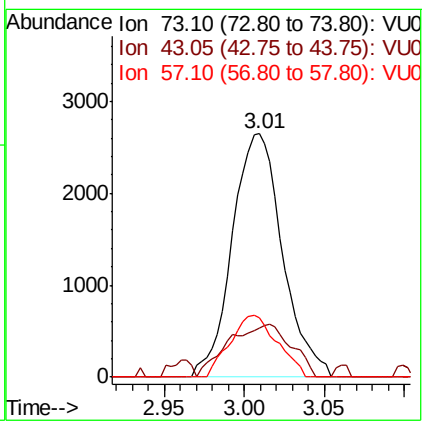


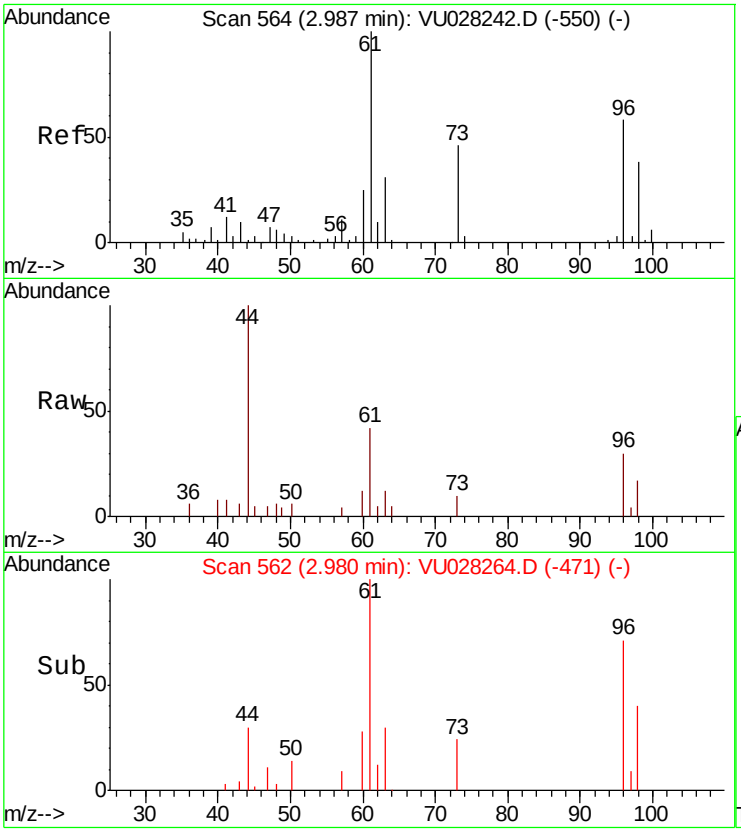


#17
Methyl tert-butyl Ether
Concen: 0.239 ug/L
RT: 3.01 min Scan# 571
Delta R.T. 0.00 min
Lab File: VU028264.D
Acq: 19 Nov 2018 19:13

Tgt Ion: 73 Resp: 5687

Ion	Ratio	Lower	Upper
73	100		
43	27.2	18.8	28.2
57	23.8	19.2	28.8



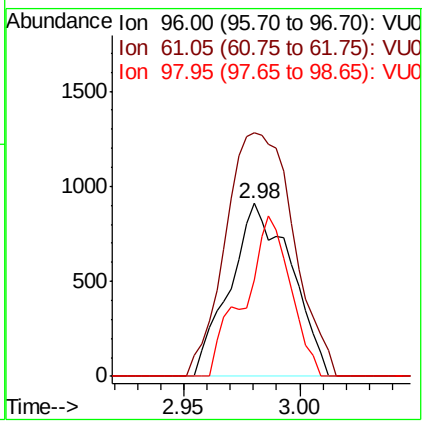


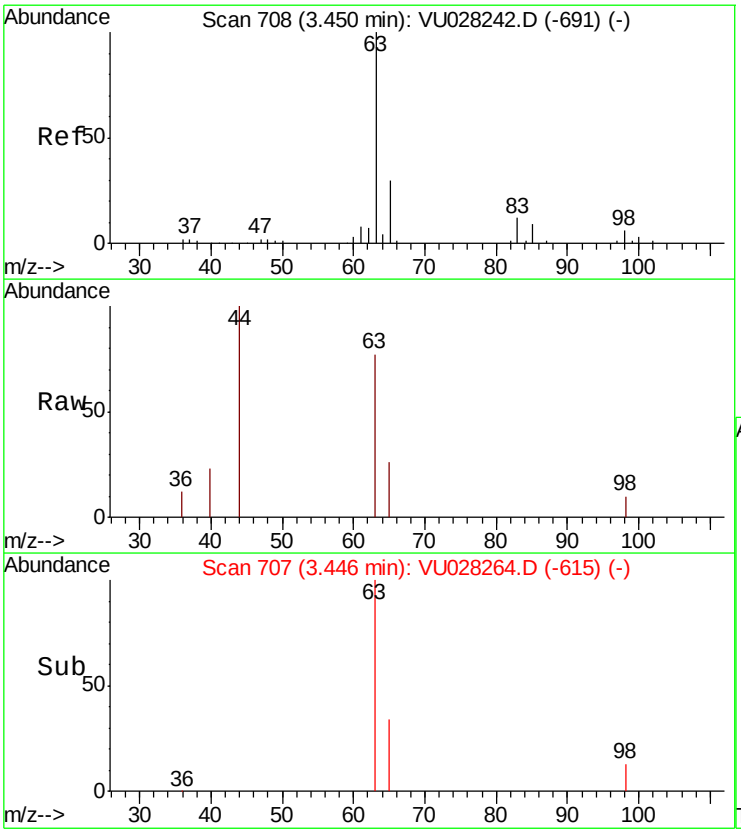
#18
trans-1,2-Dichloroethene
Concen: 0.199 ug/L
RT: 2.98 min Scan# 562
Delta R.T. -0.01 min
Lab File: VU028264.D
Acq: 19 Nov 2018 19:13

Instrument : MSVOA_U
ClientSampleId : H0FJ0DL

Tgt Ion: 96 Resp: 1678

Ion	Ratio	Lower	Upper
96	100		
61	140.9	122.2	227.0
98	56.1	44.9	83.5

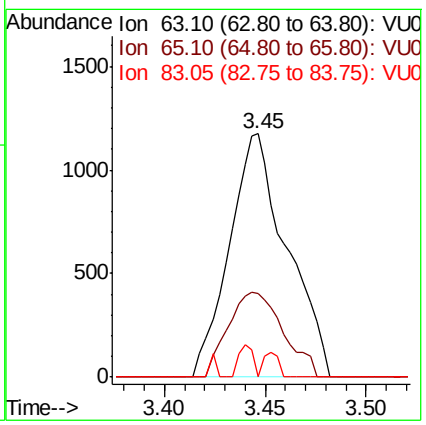


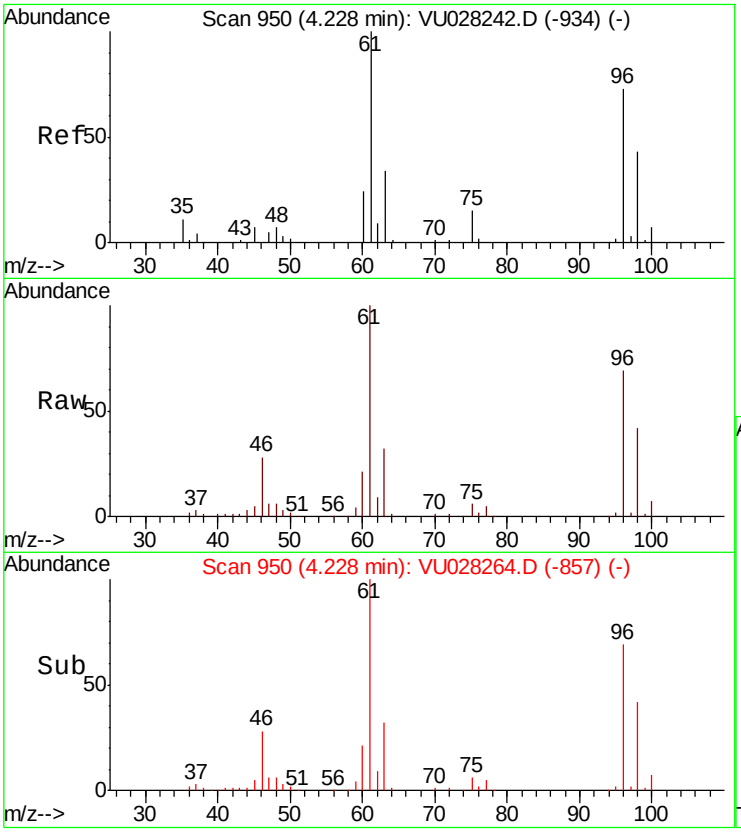


#19
1,1-Dichloroethane
Concen: 0.119 ug/L
RT: 3.45 min Scan# 707
Delta R.T. -0.00 min
Lab File: VU028264.D
Acq: 19 Nov 2018 19:13

Tgt Ion: 63 Resp: 2333

Ion	Ratio	Lower	Upper
63	100		
65	34.2	21.2	39.4
83	0.0	8.8	16.4#



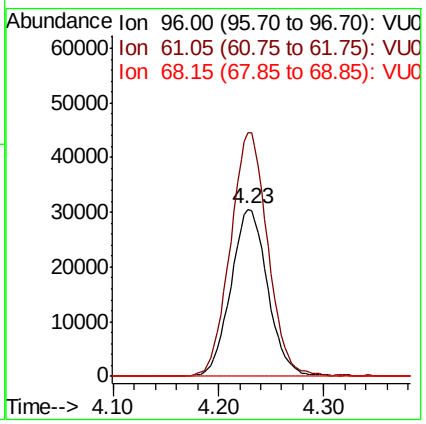


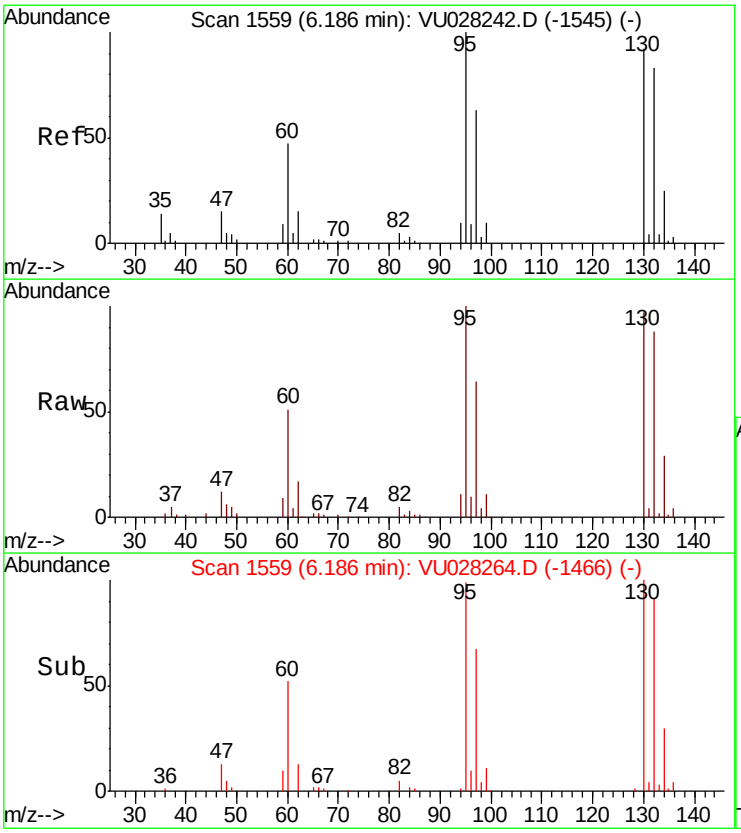
#22
cis-1,2-Dichloroethene
Concen: 7.420 ug/L
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU028264.D
Acq: 19 Nov 2018 19:13

Instrument :
MSVOA_U
ClientSampleId :
H0FJ0DL

Tgt Ion: 96 Resp: 74067

Ion	Ratio	Lower	Upper
96	100		
61	145.7	108.0	200.6
68	0.0	0.0	0.0

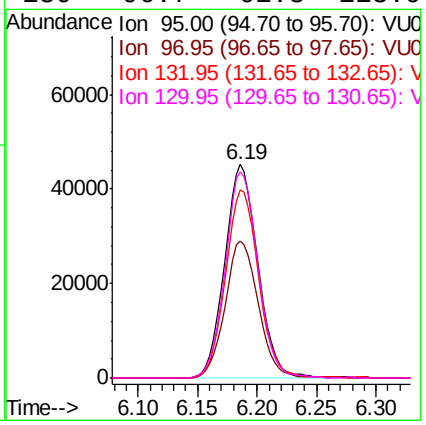


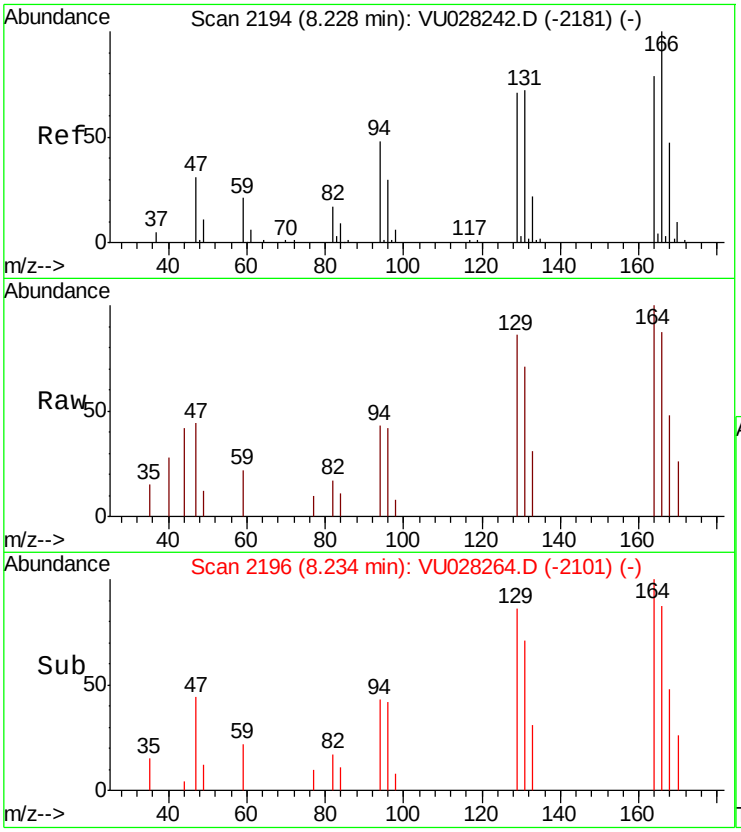


#34
Trichloroethene
Concen: 8.496 ug/L
RT: 6.19 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VU028264.D
Acq: 19 Nov 2018 19:13

Tgt Ion: 95 Resp: 87109

Ion	Ratio	Lower	Upper
95	100		
97	64.4	46.5	86.3
132	87.9	58.9	109.3
130	96.7	61.3	113.9

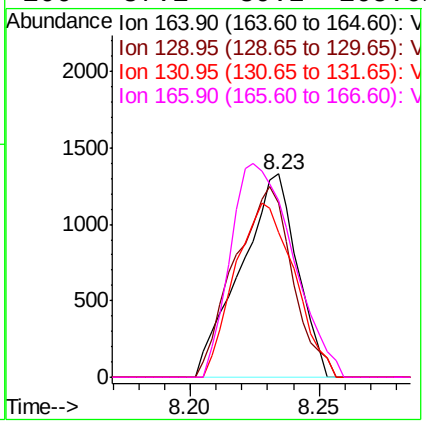




#47
Tetrachloroethene
Concen: 0.284 ug/L
RT: 8.23 min Scan# 2196
Delta R.T. 0.01 min
Lab File: VU028264.D
Acq: 19 Nov 2018 19:13

Tgt Ion:164 Resp: 2022

Ion	Ratio	Lower	Upper
164	100		
129	85.7	67.6	125.6
131	70.9	66.3	123.1
166	87.1	89.2	165.6#



Instrument :
MSVOA_U
ClientSampleId :
H0FJ0DL