Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101320\
Data File : VU040685.D
Acq On : 13 Oct 2020 16:12
Operator : SY/MD
Sample : L4354-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETZ07

Quant Time: Oct 14 07:55:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 14 05:57:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	116242	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	122285	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	50084	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	39230	4.07	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 81.40%			
7) Chloroethane-d5	1.92	69	35637	4.80	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.00%			
11) 1,1-Dichloroethene-d2	2.58	63	64081	3.40	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.00%			
20) 2-Butanone-d5	4.66	46	174488	56.61	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 113.22%			
24) Chloroform-d	5.08	84	88314	5.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.60%			
26) 1,2-Dichloroethane-d4	5.72	65	54021	5.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.00%			
32) Benzene-d6	5.74	84	152241	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.40%			
36) 1,2-Dichloropropane-d6	6.70	67	54754	5.00	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.00%			
41) Toluene-d8	7.91	98	119179	4.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.80%			
43) trans-1,3-Dichloropropene-	8.19	79	20429	4.40	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.00%			
46) 2-Hexanone-d5	8.64	63	121056	50.64	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.28%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48751	4.96	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	50166	5.40	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.00%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	1869	0.180	ug/L #	1
17) Methyl tert-butyl Ether	3.38	73	1837	0.078	ug/L #	85
18) trans-1,2-Dichloroethene	3.38	96	784	0.090	ug/L #	57
22) cis-1,2-Dichloroethene	4.69	96	16134	1.723	ug/L	94
27) 1,2-Dichloroethane	5.81	62	8620	0.664	ug/L	96
34) Trichloroethene	6.55	95	4115	0.404	ug/L	90
53) m,p-Xylene	9.70	106	2218	0.140	ug/L	71

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

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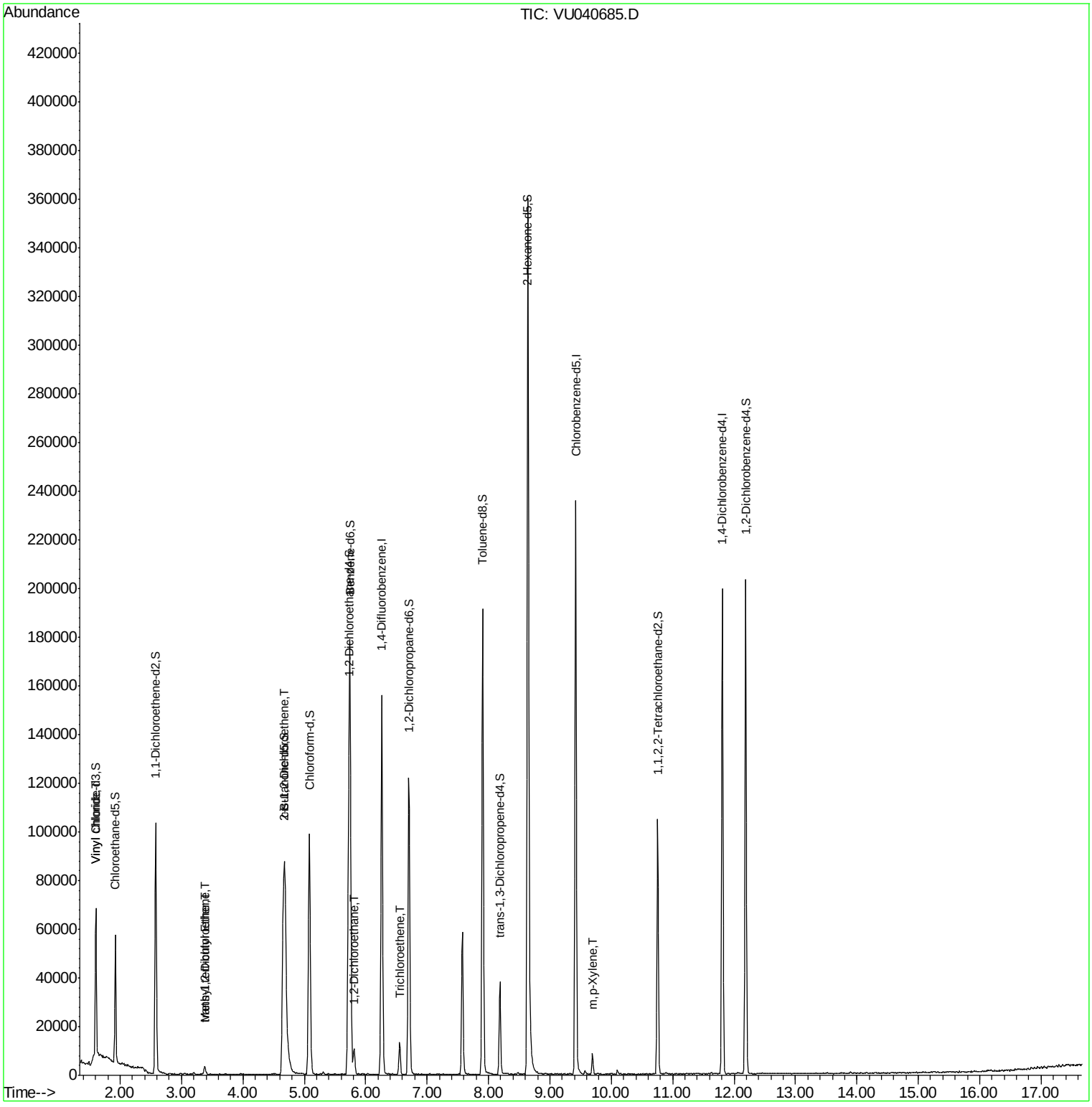
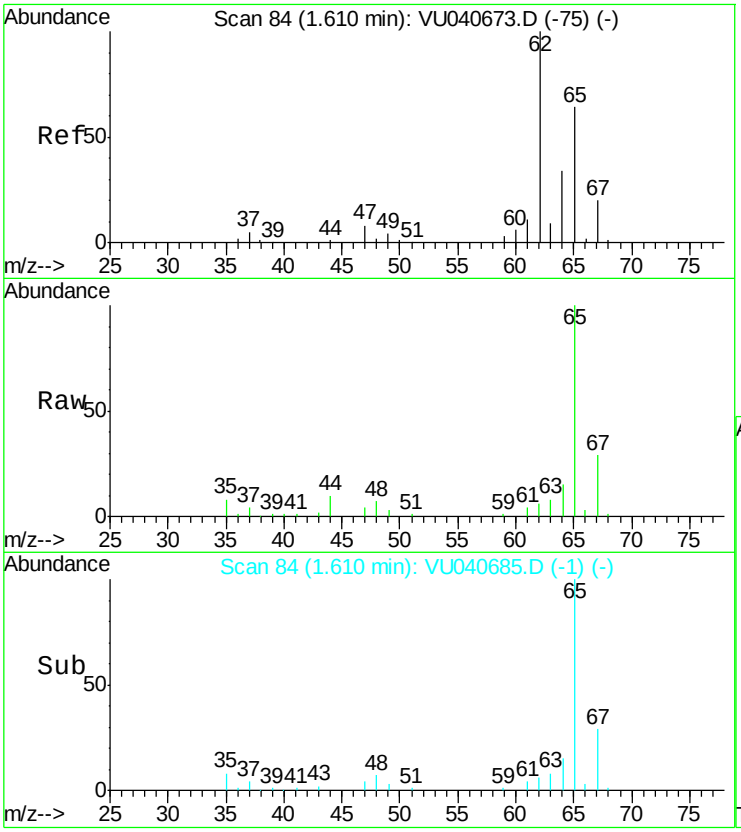


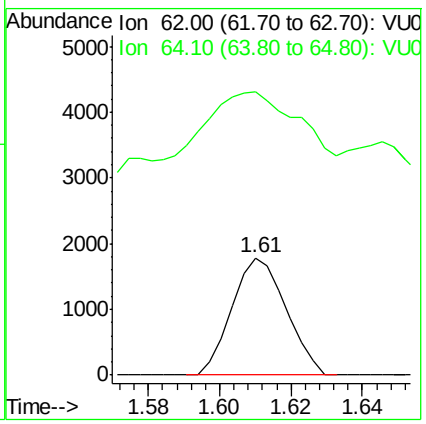


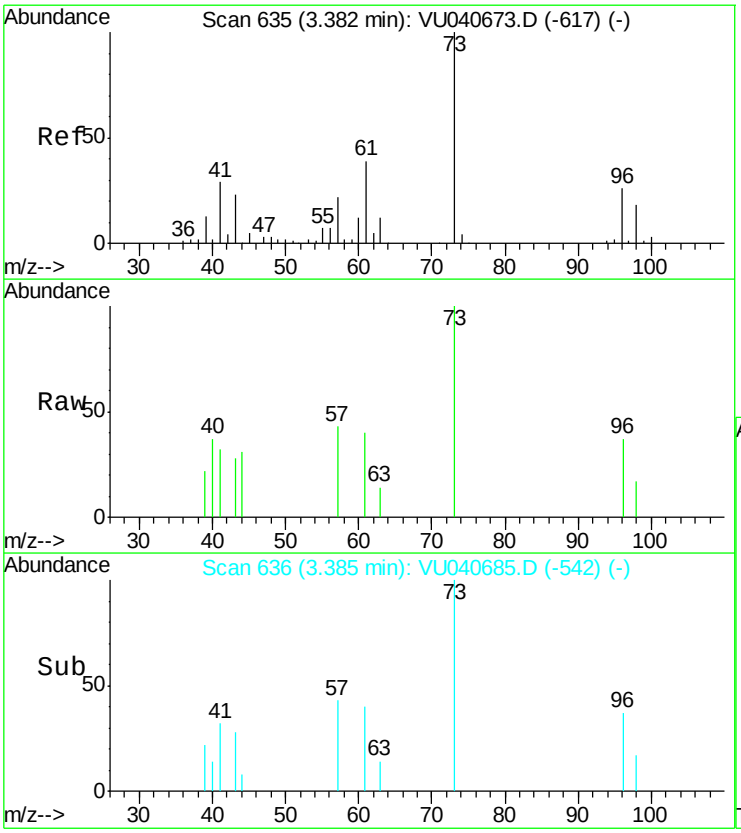
#5
Vinyl chloride
Concen: 0.180 ug/L
RT: 1.61 min Scan# 84
Delta R.T. 0.00 min
Lab File: VU040685.D
Acq: 13 Oct 2020 16:12

Instrument :
MSVOA_U
ClientSampleId :
ETZ07

Tgt Ion: 62 Resp: 1869

Ion	Ratio	Lower	Upper
62	100		
64	241.7	23.7	44.1#

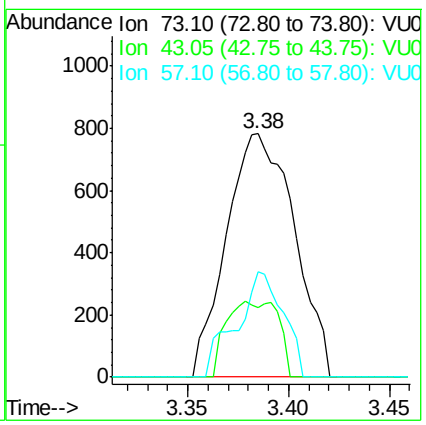


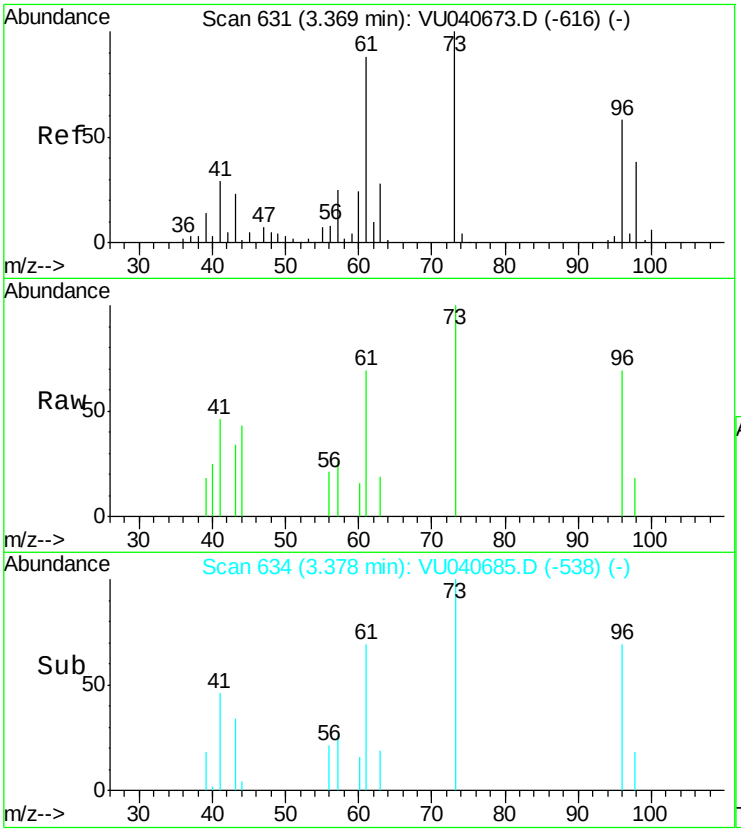


#17
Methyl tert-butyl Ether
Concen: 0.078 ug/L
RT: 3.38 min Scan# 636
Delta R.T. 0.00 min
Lab File: VU040685.D
Acq: 13 Oct 2020 16:12

Tgt Ion: 73 Resp: 1837

Ion	Ratio	Lower	Upper
73	100		
43	15.3	18.2	27.4#
57	30.0	18.6	28.0#



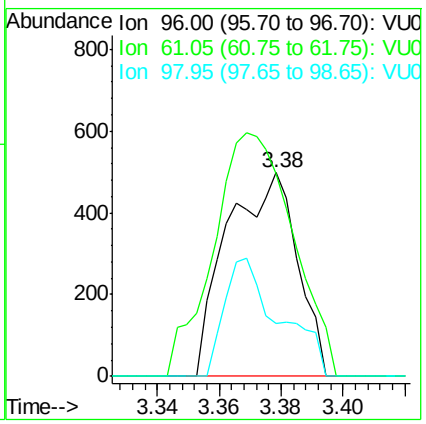


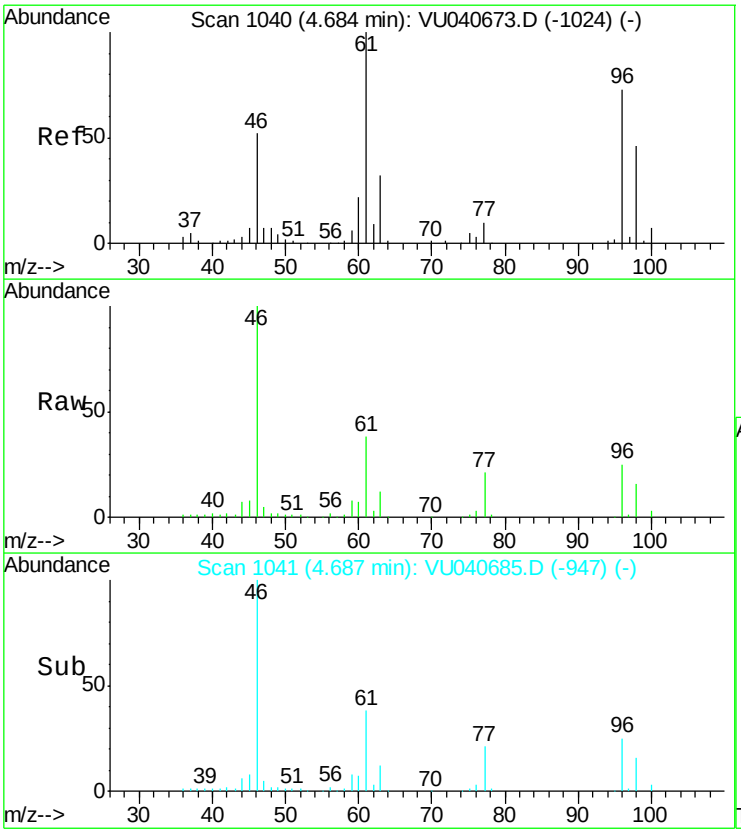
#18
trans-1,2-Dichloroethene
Concen: 0.090 ug/L
RT: 3.38 min Scan# 634
Delta R.T. 0.01 min
Lab File: VU040685.D
Acq: 13 Oct 2020 16:12

Instrument :
MSVOA_U
ClientSampleId :
ETZ07

Tgt Ion: 96 Resp: 784

Ion	Ratio	Lower	Upper
96	100		
61	99.4	105.9	196.7#
98	25.7	43.8	81.3#

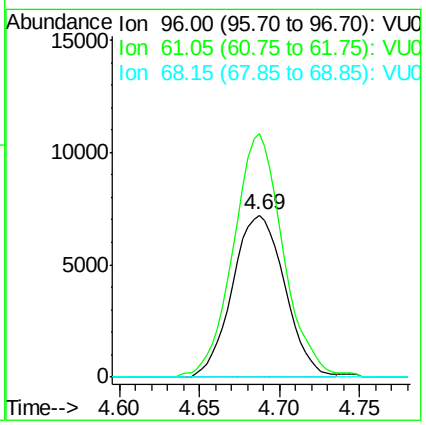


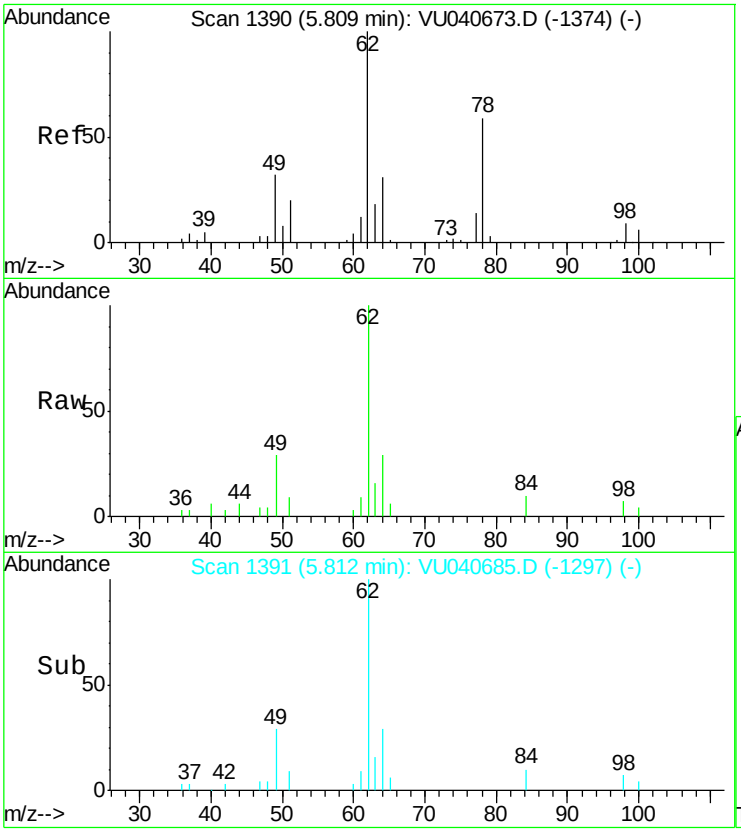


#22
cis-1,2-Dichloroethene
Concen: 1.723 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU040685.D
Acq: 13 Oct 2020 16:12

Tgt Ion: 96 Resp: 16134

Ion	Ratio	Lower	Upper
96	100		
61	150.4	99.8	185.4
68	0.0	0.0	0.0



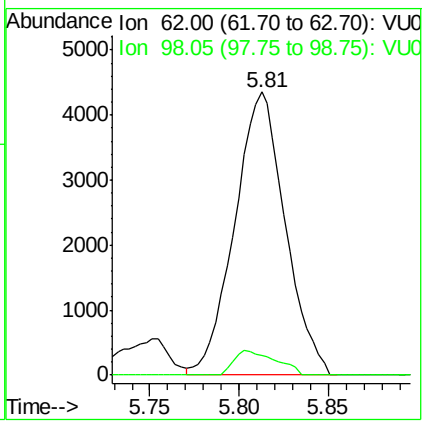


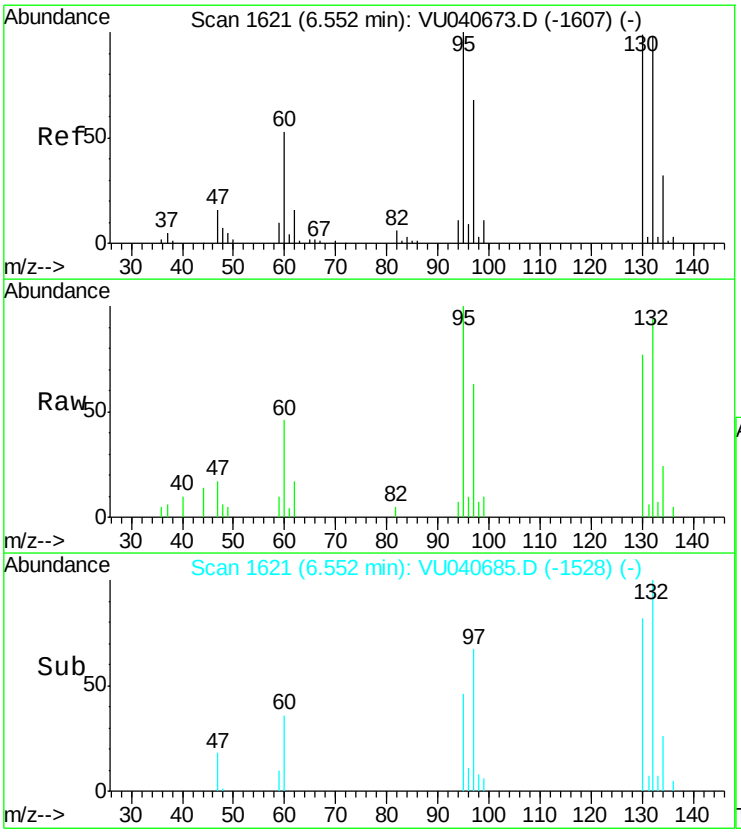
#27
1,2-Dichloroethane
Concen: 0.664 ug/L
RT: 5.81 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VU040685.D
Acq: 13 Oct 2020 16:12

Instrument :
MSVOA_U
ClientSampleId :
ETZ07

Tgt Ion: 62 Resp: 8620

Ion	Ratio	Lower	Upper
62	100		
98	6.9	6.6	10.0

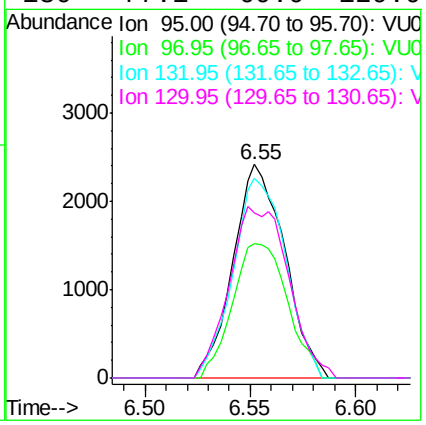


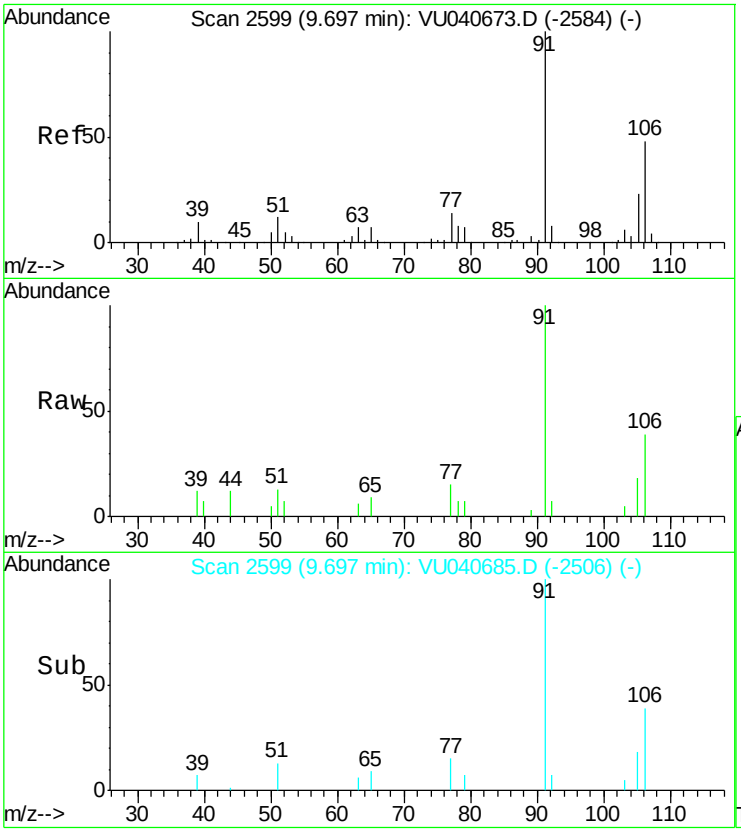


#34
Trichloroethene
Concen: 0.404 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. 0.00 min
Lab File: VU040685.D
Acq: 13 Oct 2020 16:12

Tgt Ion: 95 Resp: 4115

Ion	Ratio	Lower	Upper
95	100		
97	63.1	45.5	84.5
132	93.7	67.5	125.4
130	77.1	69.9	129.9





#53
m,p-Xylene
Concen: 0.140 ug/L
RT: 9.70 min Scan# 2599
Delta R.T. 0.00 min
Lab File: VU040685.D
Acq: 13 Oct 2020 16:12

Instrument :
MSVOA_U
ClientSampleId :
ETZ07

Tgt Ion:106 Resp: 2218

Ion	Ratio	Lower	Upper
106	100		
91	257.2	148.5	275.7