Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101720\
Data File : VU040789.D
Acq On : 18 Oct 2020 02:14
Operator : SY/MD
Sample : L4354-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETZ40

Quant Time: Oct 19 05:33:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 19 03:08:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	124735	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	131383	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51082	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	47072	4.55	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.00%			
7) Chloroethane-d5	1.93	69	33059	4.15	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.00%			
11) 1,1-Dichloroethene-d2	2.58	63	57283	2.84	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 56.80%#			
20) 2-Butanone-d5	4.67	46	194539	58.82	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 117.64%			
24) Chloroform-d	5.08	84	86932	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.80%			
26) 1,2-Dichloroethane-d4	5.72	65	54526	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.60%			
32) Benzene-d6	5.74	84	150299	4.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.80%			
36) 1,2-Dichloropropane-d6	6.70	67	53760	4.57	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.40%			
41) Toluene-d8	7.91	98	111355	3.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 70.20%			
43) trans-1,3-Dichloropropene-	8.19	79	18976	3.81	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.20%			
46) 2-Hexanone-d5	8.64	63	123398	48.05	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.10%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	51624	4.89	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	47786	5.05	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.00%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	1630233	146.469	ug/L	99
17) Methyl tert-butyl Ether	3.39	73	3652	0.145	ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	2092	0.225	ug/L	96
22) cis-1,2-Dichloroethene	4.69	96	582781	58.007	ug/L	96
34) Trichloroethene	6.56	95	12310	1.125	ug/L	96
47) Tetrachloroethene	8.56	164	12482	1.599	ug/L	96
53) m,p-Xylene	9.70	106	1412	0.083	ug/L	97

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

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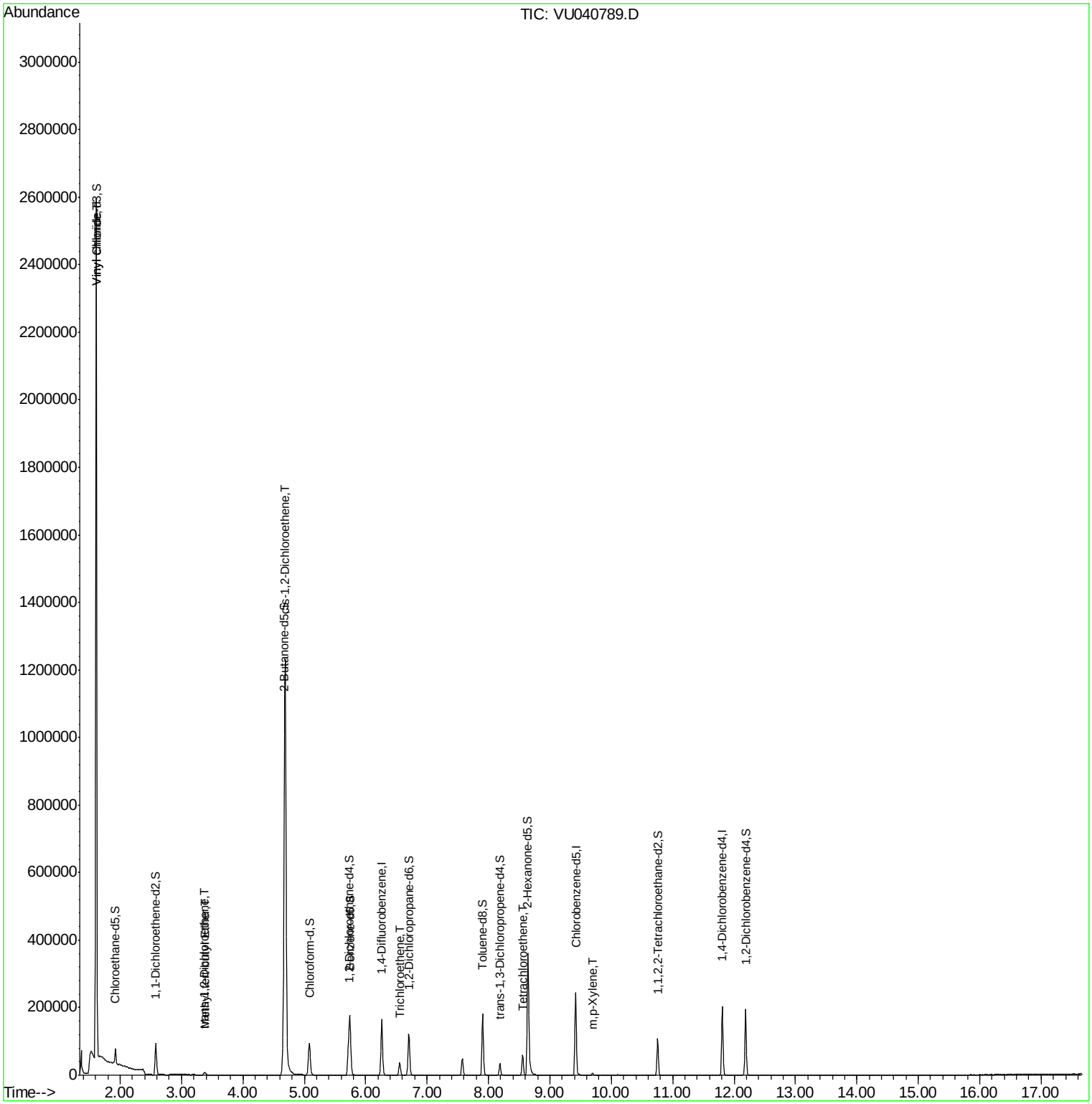
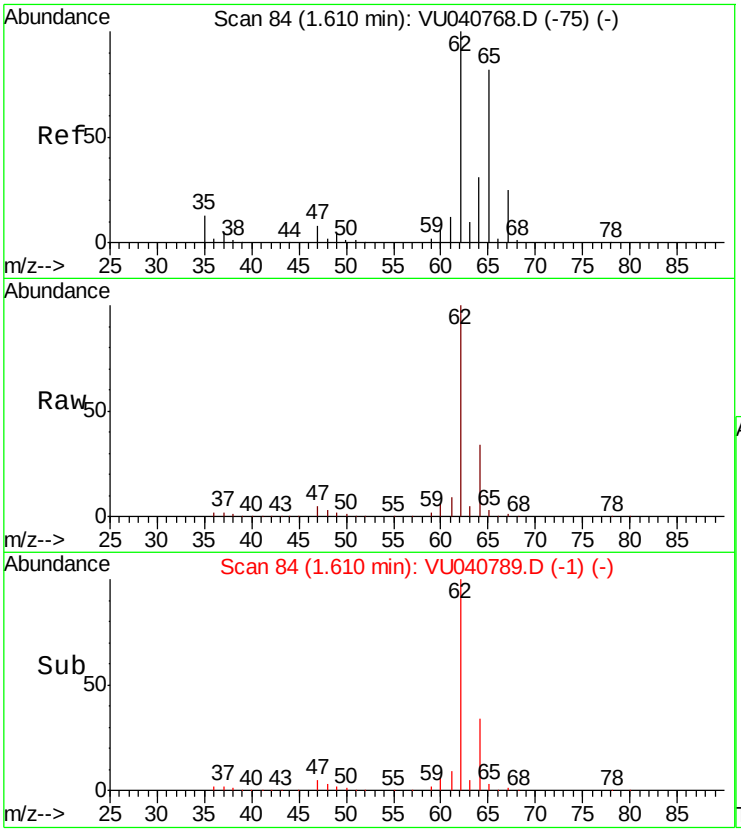


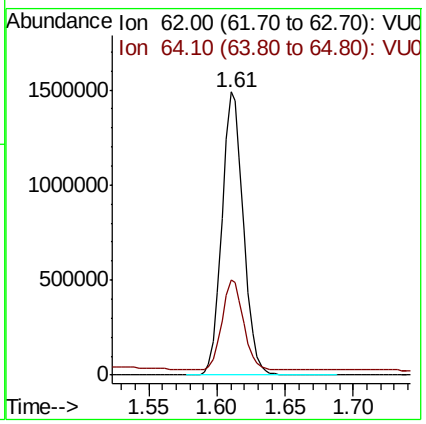


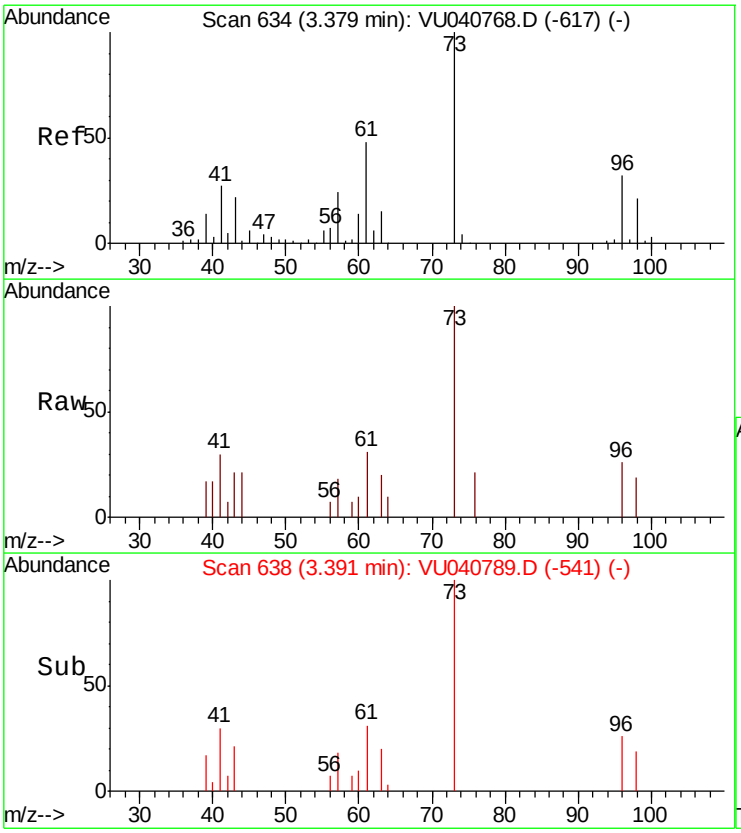
#5
Vinyl chloride
Concen: 146.469 ug/L
RT: 1.61 min Scan# 84
Delta R.T. -0.00 min
Lab File: VU040789.D
Acq: 18 Oct 2020 02:14

Instrument :
MSVOA_U
ClientSampleId :
ETZ40

Tgt Ion: 62 Resp: 1630233

Ion	Ratio	Lower	Upper
62	100		
64	33.6	23.7	44.1

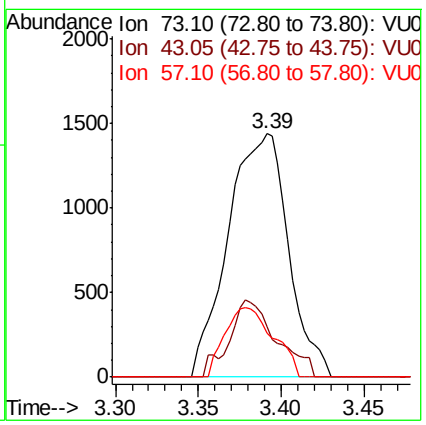


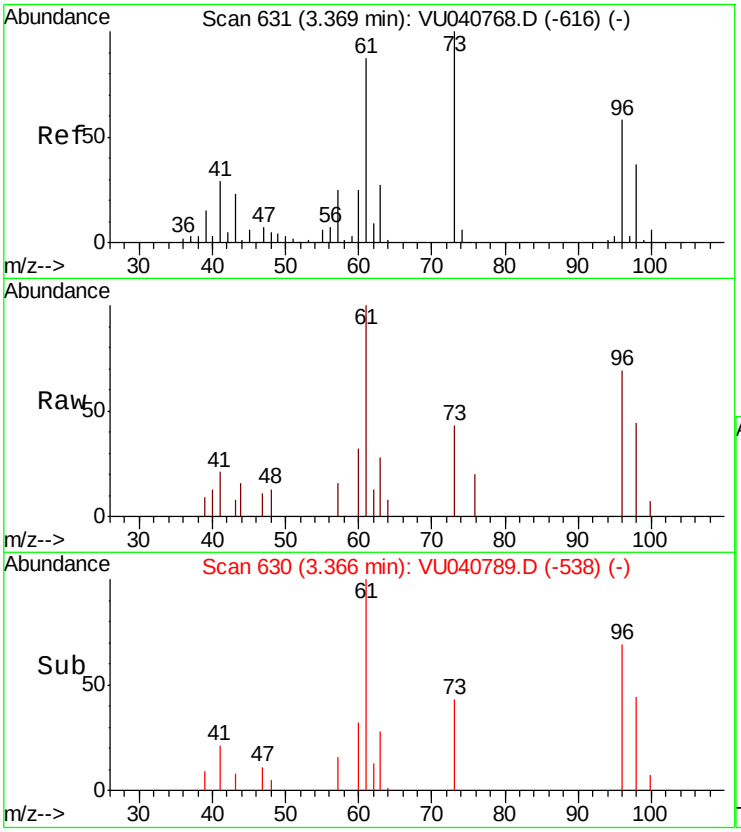


#17
Methyl tert-butyl Ether
Concen: 0.145 ug/L
RT: 3.39 min Scan# 638
Delta R.T. 0.01 min
Lab File: VU040789.D
Acq: 18 Oct 2020 02:14

Tgt Ion: 73 Resp: 3652

Ion	Ratio	Lower	Upper
73	100		
43	24.9	18.2	27.4
57	22.9	18.6	28.0



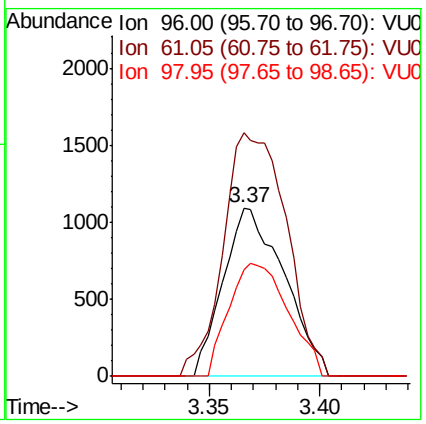


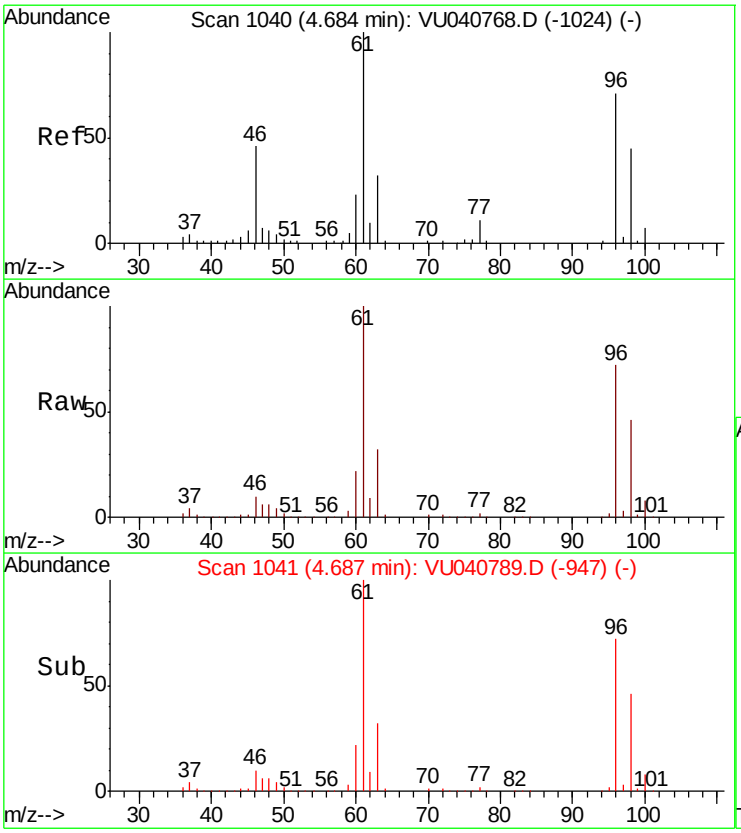
#18
trans-1,2-Dichloroethene
Concen: 0.225 ug/L
RT: 3.37 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU040789.D
Acq: 18 Oct 2020 02:14

Instrument :
MSVOA_U
ClientSampleId :
ETZ40

Tgt Ion: 96 Resp: 2092

Ion	Ratio	Lower	Upper
96	100		
61	144.7	105.9	196.7
98	63.2	43.8	81.3

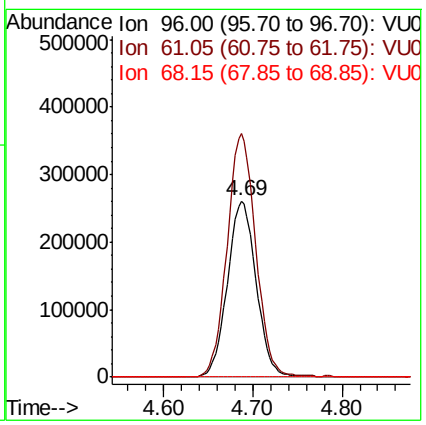


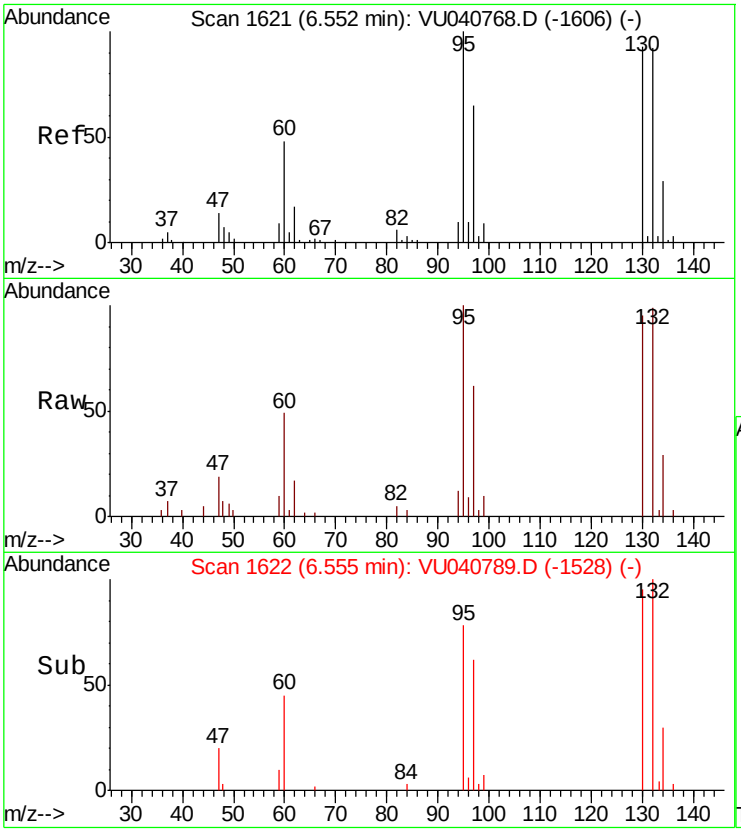


#22
cis-1,2-Dichloroethene
Concen: 58.007 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU040789.D
Acq: 18 Oct 2020 02:14

Tgt Ion: 96 Resp: 582781

Ion	Ratio	Lower	Upper
96	100		
61	138.1	99.8	185.4
68	0.0	0.0	0.0



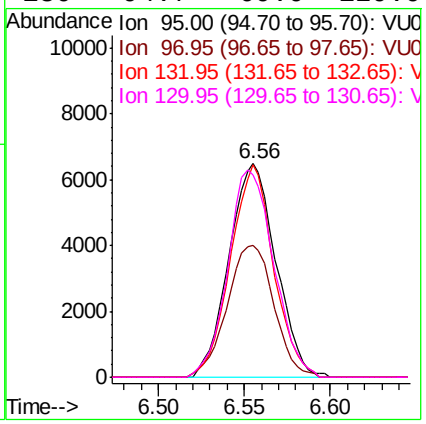


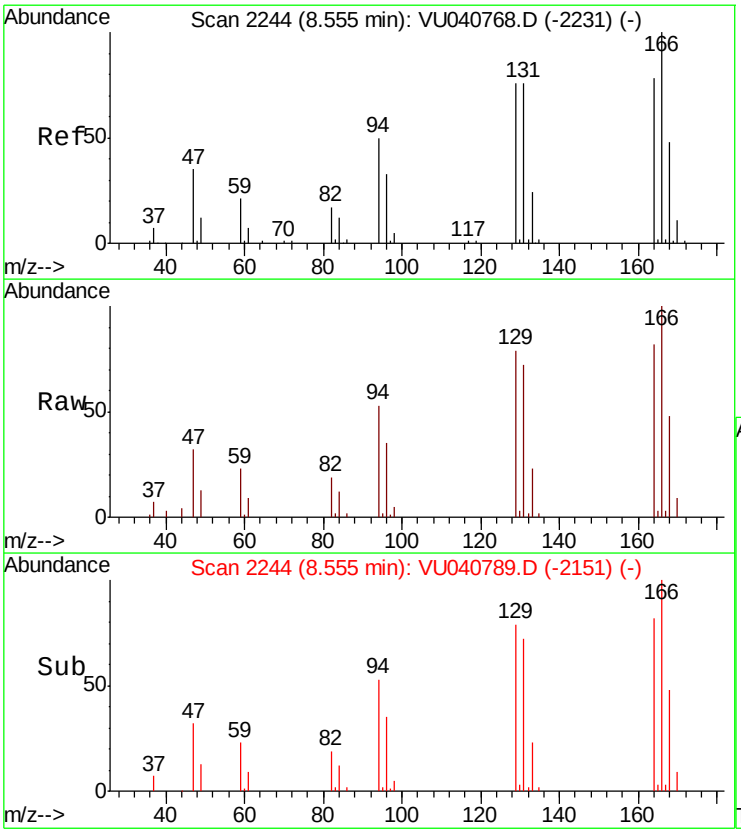
#34
Trichloroethene
Concen: 1.125 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU040789.D
Acq: 18 Oct 2020 02:14

Instrument : MSVOA_U
ClientSampleId : ETZ40

Tgt Ion: 95 Resp: 12310

Ion	Ratio	Lower	Upper
95	100		
97	61.8	45.5	84.5
132	99.5	67.5	125.4
130	94.7	69.9	129.9

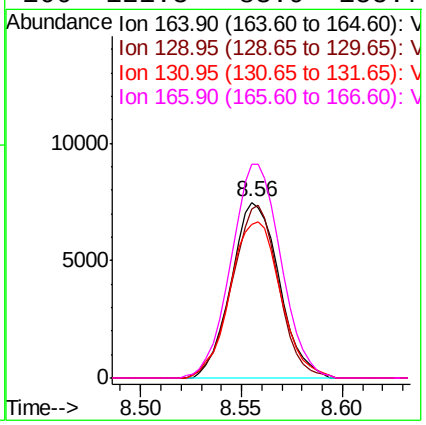


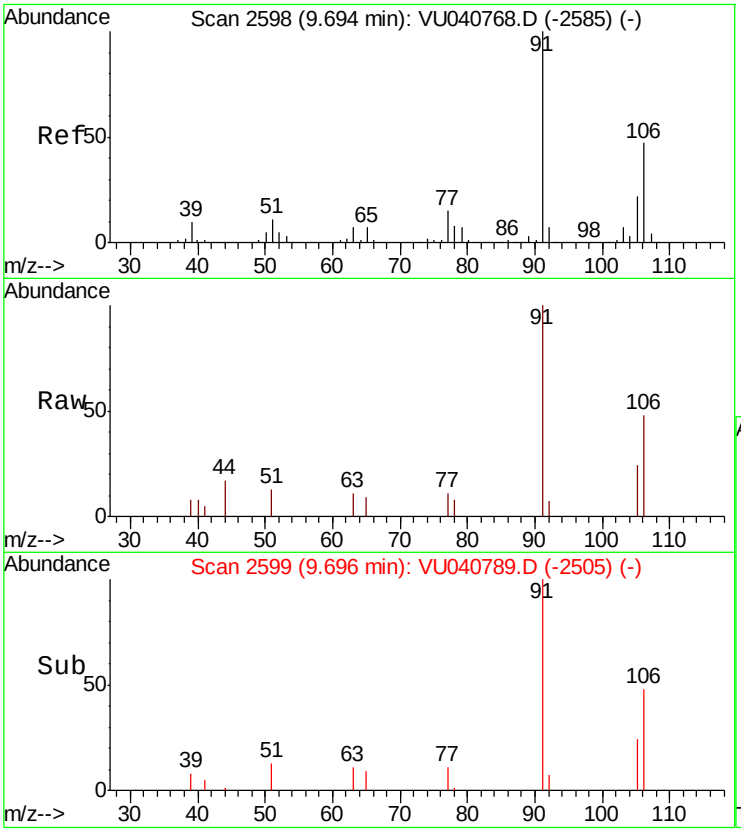


#47
Tetrachloroethene
Concen: 1.599 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VU040789.D
Acq: 18 Oct 2020 02:14

Tgt Ion:164 Resp: 12482

Ion	Ratio	Lower	Upper
164	100		
129	95.7	68.8	127.8
131	87.2	66.7	123.9
166	121.3	83.9	155.7





#53
m,p-Xylene
Concen: 0.083 ug/L
RT: 9.70 min Scan# 2599
Delta R.T. 0.00 min
Lab File: VU040789.D
Acq: 18 Oct 2020 02:14

Tgt Ion:106 Resp: 1412

Ion	Ratio	Lower	Upper
106	100		
91	207.7	148.5	275.7

Instrument :
MSVOA_U
ClientSampleId :
ETZ40