Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101720\
Data File : VU040786.D
Acq On : 18 Oct 2020 01:04
Operator : SY/MD
Sample : L4354-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETZ37

Quant Time: Oct 19 05:23:23 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	115740	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	123009	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	49685	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	31577	3.29	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 65.80%			
7) Chloroethane-d5	1.93	69	32597	4.41	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.20%			
11) 1,1-Dichloroethene-d2	2.58	63	54715	2.92	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 58.40%#			
20) 2-Butanone-d5	4.66	46	180313	58.75	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 117.50%			
24) Chloroform-d	5.08	84	79939	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.00%			
26) 1,2-Dichloroethane-d4	5.72	65	52792	5.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.00%			
32) Benzene-d6	5.75	84	140477	4.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.80%			
36) 1,2-Dichloropropane-d6	6.70	67	51313	4.66	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.20%			
41) Toluene-d8	7.91	98	108187	3.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 72.80%			
43) trans-1,3-Dichloropropene-	8.19	79	18019	3.86	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 77.20%			
46) 2-Hexanone-d5	8.64	63	115764	48.15	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.30%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	50032	5.06	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	47511	5.16	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	11615	1.125	ug/L #	1
17) Methyl tert-butyl Ether	3.38	73	1886	0.081	ug/L #	66
18) trans-1,2-Dichloroethene	3.37	96	1037	0.120	ug/L	92
22) cis-1,2-Dichloroethene	4.69	96	54852	5.884	ug/L	91
52) Ethylbenzene	9.57	91	1904	0.044	ug/L	96
53) m,p-Xylene	9.69	106	2823	0.178	ug/L	85

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

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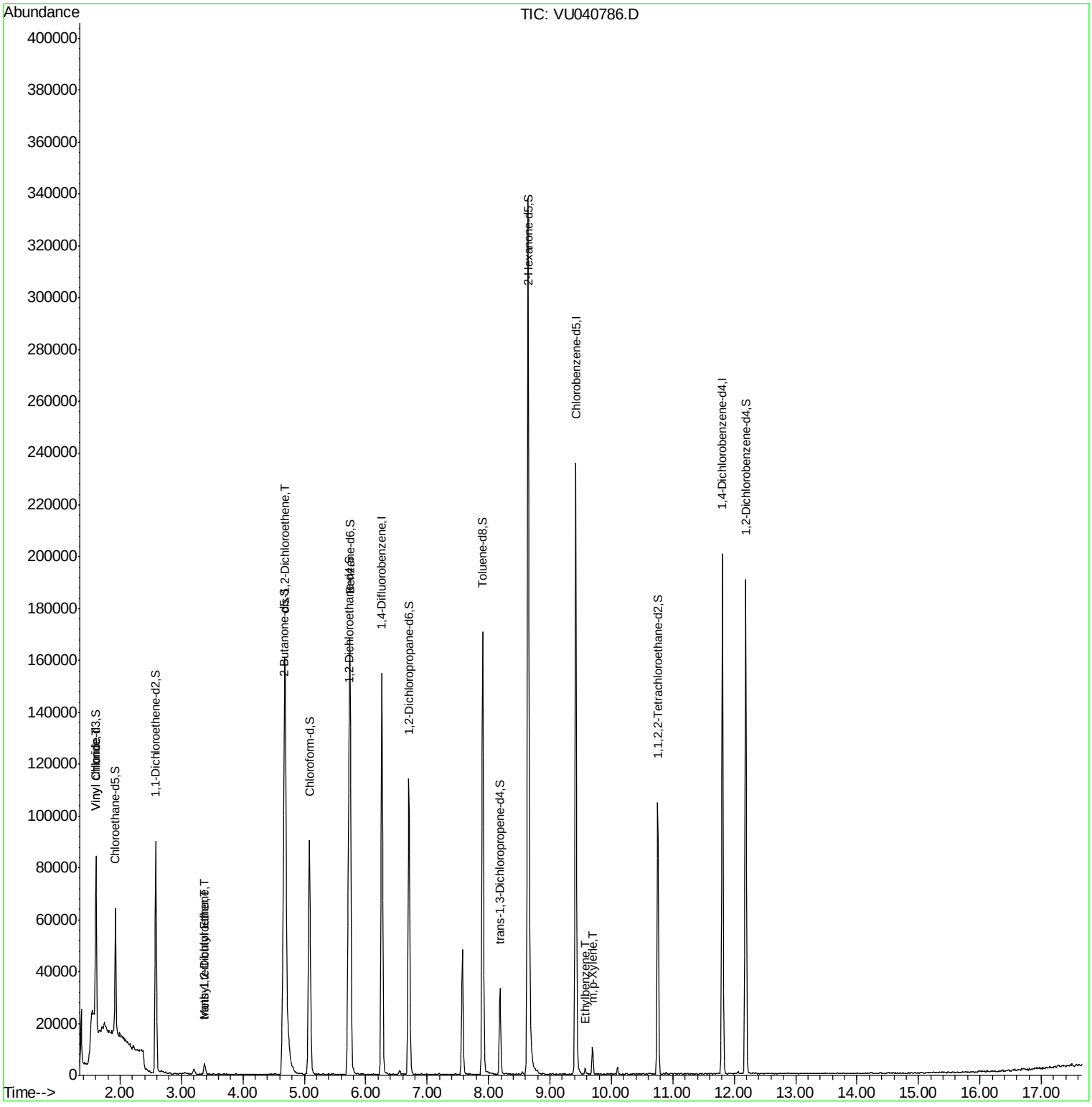
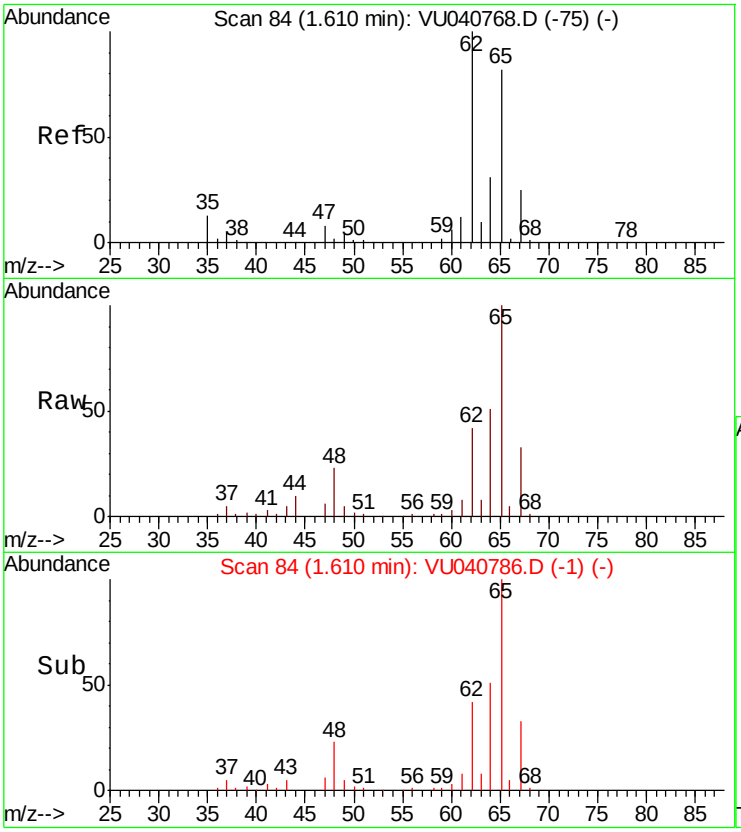


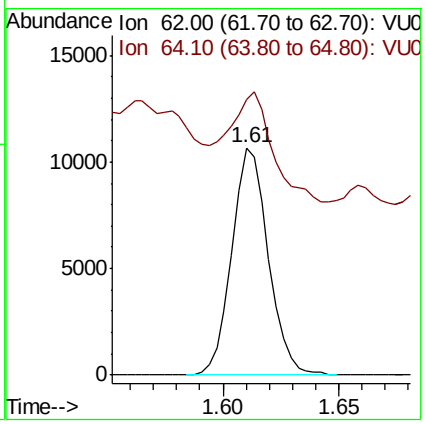


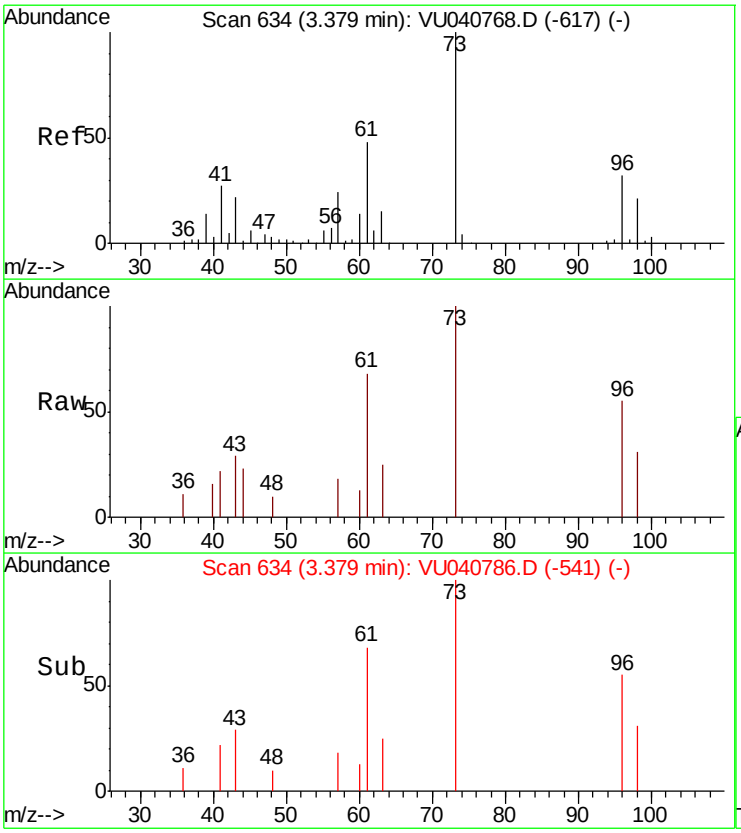
#5
Vinyl chloride
Concen: 1.125 ug/L
RT: 1.61 min Scan# 84
Delta R.T. -0.00 min
Lab File: VU040786.D
Acq: 18 Oct 2020 01:04

Instrument :
MSVOA_U
ClientSampleId :
ETZ37

Tgt Ion: 62 Resp: 11615

Ion	Ratio	Lower	Upper
62	100		
64	121.6	23.7	44.1#

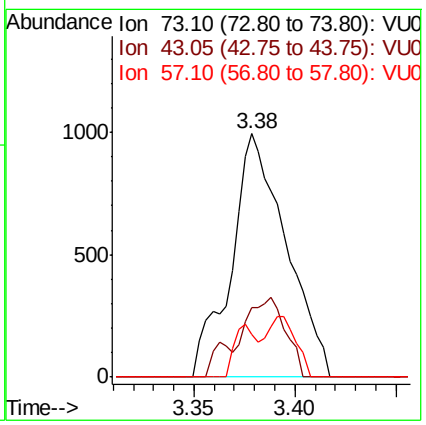


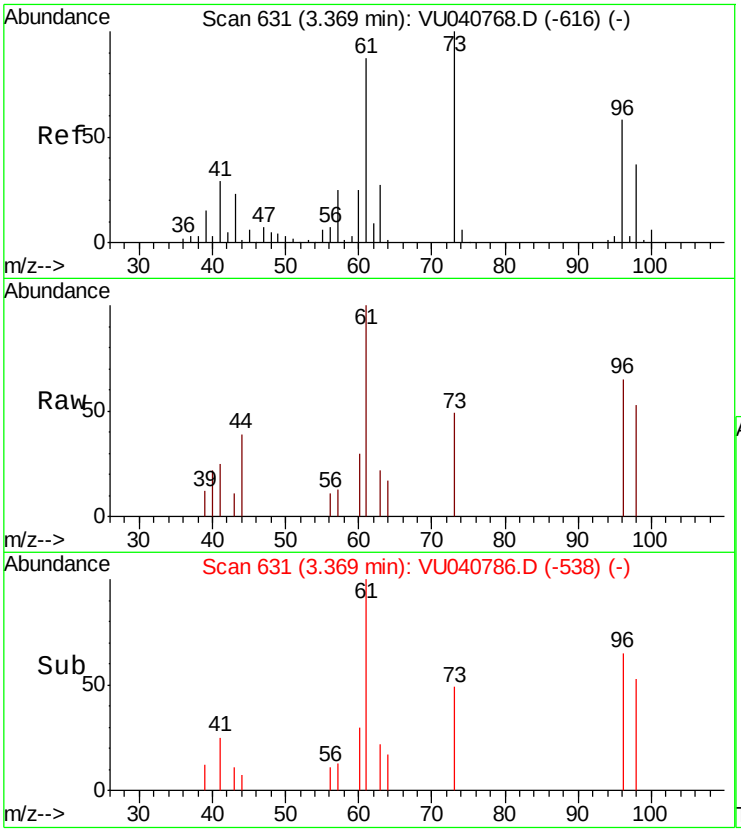


#17
Methyl tert-butyl Ether
Concen: 0.081 ug/L
RT: 3.38 min Scan# 634
Delta R.T. -0.00 min
Lab File: VU040786.D
Acq: 18 Oct 2020 01:04

Tgt Ion: 73 Resp: 1886

Ion	Ratio	Lower	Upper
73	100		
43	4.8	18.2	27.4#
57	8.6	18.6	28.0#



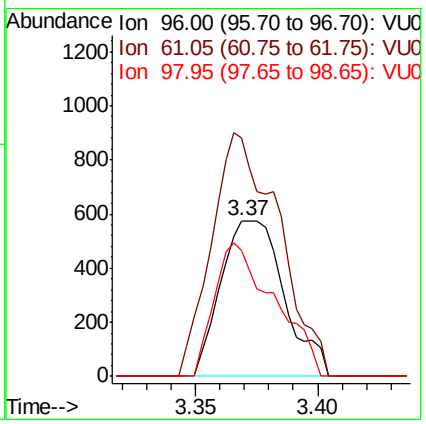


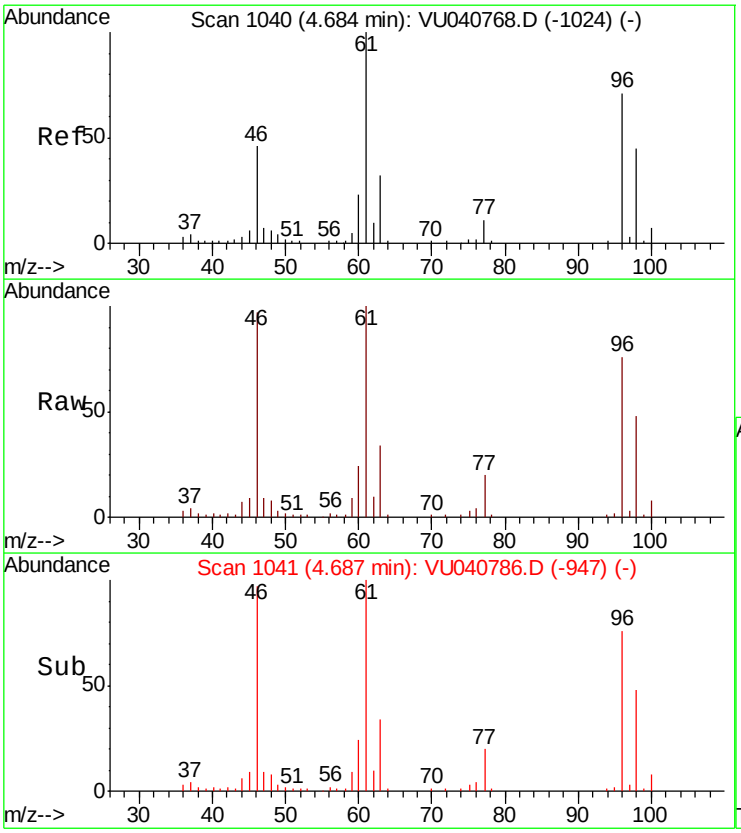
#18
trans-1,2-Dichloroethene
Concen: 0.120 ug/L
RT: 3.37 min Scan# 631
Delta R.T. -0.00 min
Lab File: VU040786.D
Acq: 18 Oct 2020 01:04

Instrument :
MSVOA_U
ClientSampleId :
ETZ37

Tgt Ion: 96 Resp: 1037

Ion	Ratio	Lower	Upper
96	100		
61	153.3	105.9	196.7
98	80.7	43.8	81.3

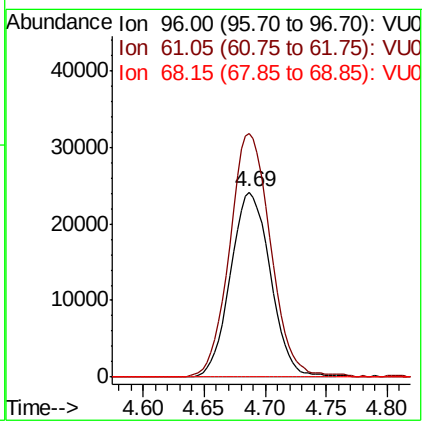


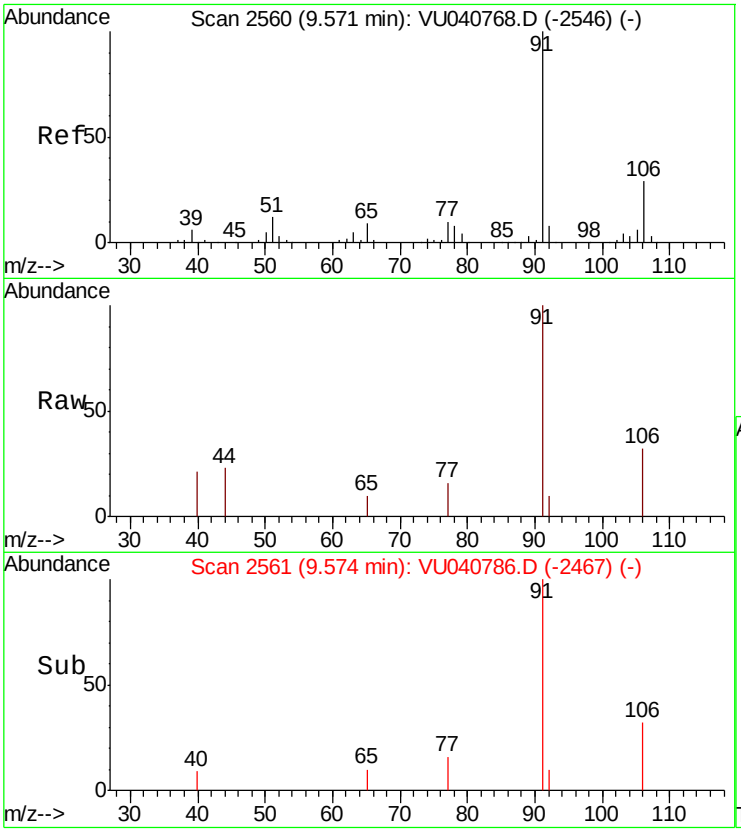


#22
cis-1,2-Dichloroethene
Concen: 5.884 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU040786.D
Acq: 18 Oct 2020 01:04

Tgt Ion: 96 Resp: 54852

Ion	Ratio	Lower	Upper
96	100		
61	131.5	99.8	185.4
68	0.0	0.0	0.0



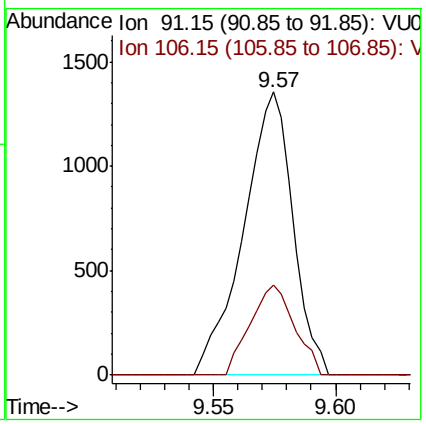


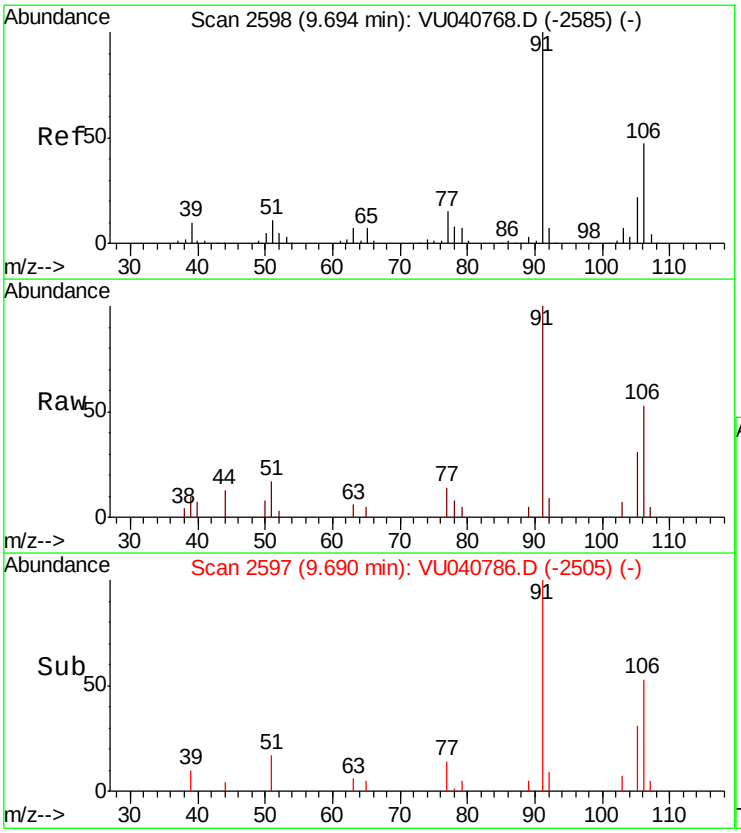
#52
Ethylbenzene
Concen: 0.044 ug/L
RT: 9.57 min Scan# 2561
Delta R.T. 0.00 min
Lab File: VU040786.D
Acq: 18 Oct 2020 01:04

Instrument : MSVOA_U
ClientSampleId : ETZ37

Tgt Ion: 91 Resp: 1904

Ion	Ratio	Lower	Upper
91	100		
106	31.7	20.7	38.5





#53
m,p-Xylene
Concen: 0.178 ug/L
RT: 9.69 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VU040786.D
Acq: 18 Oct 2020 01:04

Tgt Ion:106 Resp: 2823

Ion	Ratio	Lower	Upper
106	100		
91	188.0	148.5	275.7