Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101520\
Data File : VU040733.D
Acq On : 15 Oct 2020 20:10
Operator : SY/MD
Sample : L4354-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETZ16

Quant Time: Oct 16 06:04:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 16 04:23:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	110524	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	111545	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	48568	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	45369	4.95	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.00%			
7) Chloroethane-d5	1.92	69	36917	5.23	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.60%			
11) 1,1-Dichloroethene-d2	2.58	63	66836	3.73	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 74.60%			
20) 2-Butanone-d5	4.66	46	177977	60.73	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 121.46%			
24) Chloroform-d	5.08	84	89261	5.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 111.00%			
26) 1,2-Dichloroethane-d4	5.72	65	55653	5.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 113.60%			
32) Benzene-d6	5.75	84	160131	5.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.40%			
36) 1,2-Dichloropropane-d6	6.70	67	53563	5.36	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.20%			
41) Toluene-d8	7.91	98	125761	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.40%			
43) trans-1,3-Dichloropropene-	8.19	79	20111	4.75	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.00%			
46) 2-Hexanone-d5	8.64	63	113464	52.04	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.08%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49583	5.53	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 110.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	53731	5.97	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 119.40%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	232011	23.525	ug/L #	67
12) 1,1-Dichloroethene	2.59	96	6721	0.852	ug/L #	1
18) trans-1,2-Dichloroethene	3.37	96	46707	5.658	ug/L	97
22) cis-1,2-Dichloroethene	4.69	96	2753139	309.265	ug/L	99
30) Cyclohexane	5.41	56	1320	0.096	ug/L #	22
34) Trichloroethene	6.56	95	1377	0.148	ug/L	89
52) Ethylbenzene	9.57	91	2168	0.055	ug/L #	75
53) m,p-Xylene	9.70	106	3629	0.252	ug/L	96

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

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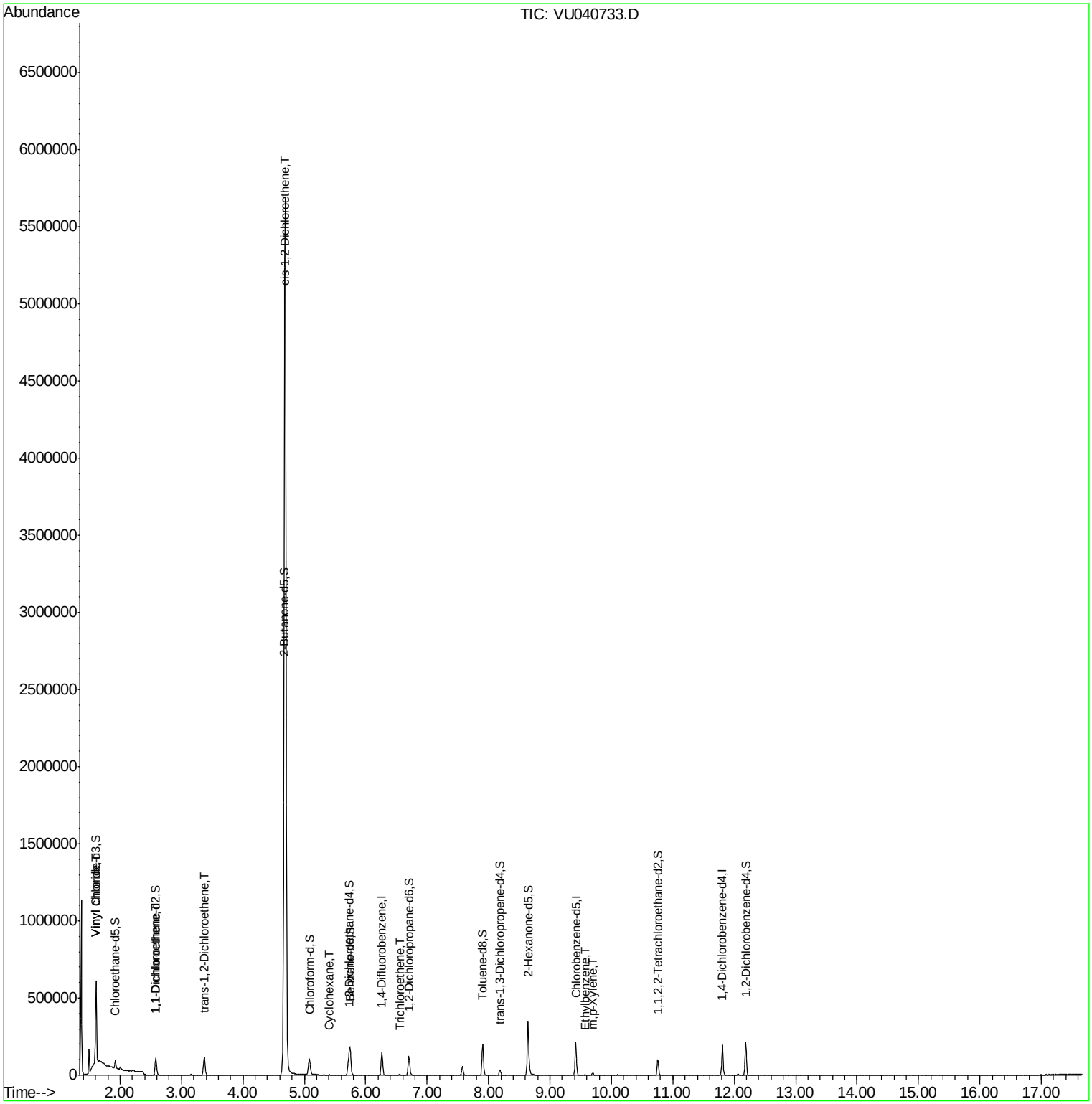
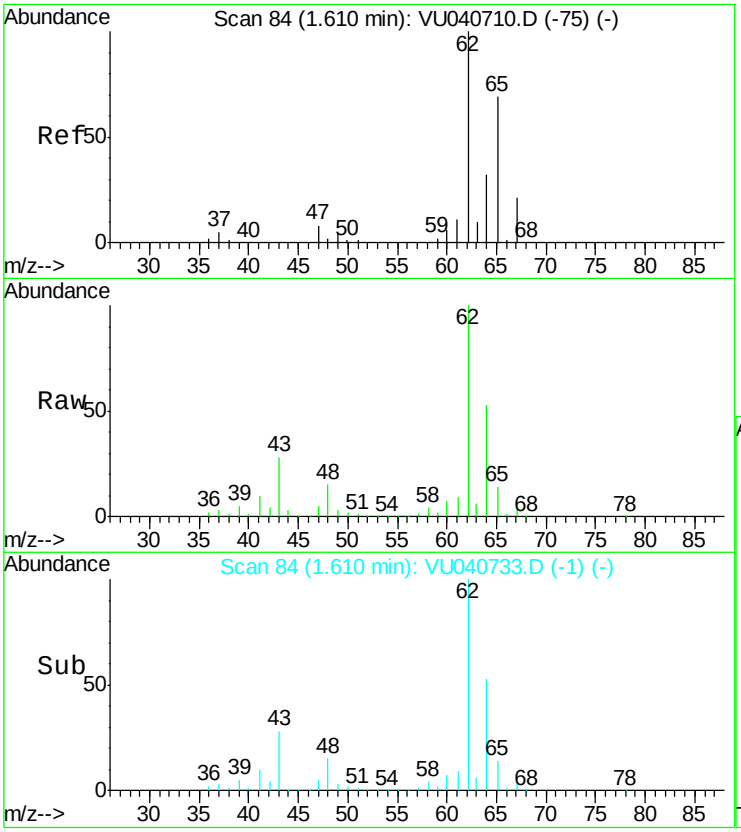


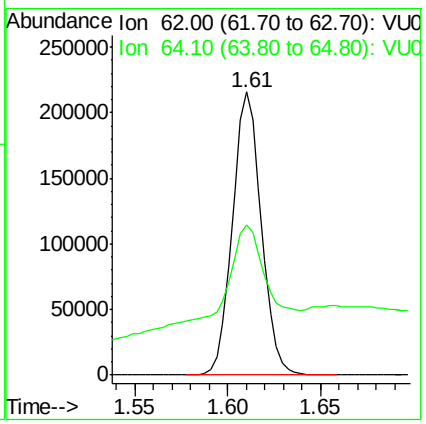


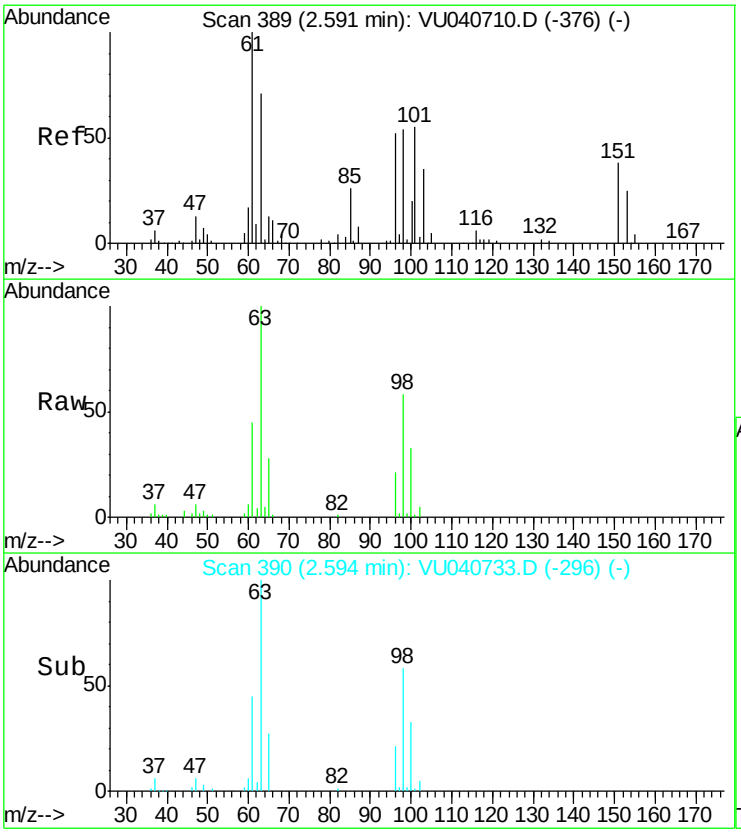
#5
Vinyl chloride
Concen: 23.525 ug/L
RT: 1.61 min Scan# 84
Delta R.T. -0.00 min
Lab File: VU040733.D
Acq: 15 Oct 2020 20:10

Instrument :
MSVOA_U
ClientSampleId :
ETZ16

Tgt Ion: 62 Resp: 232011

Ion	Ratio	Lower	Upper
62	100		
64	53.1	23.7	44.1#

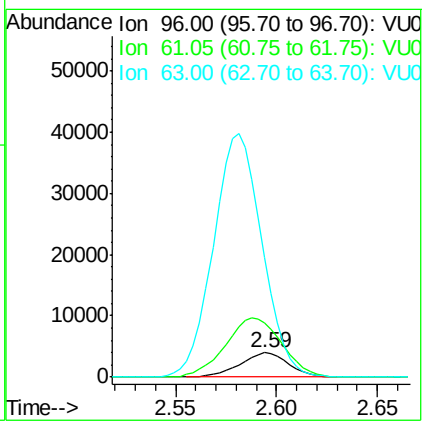


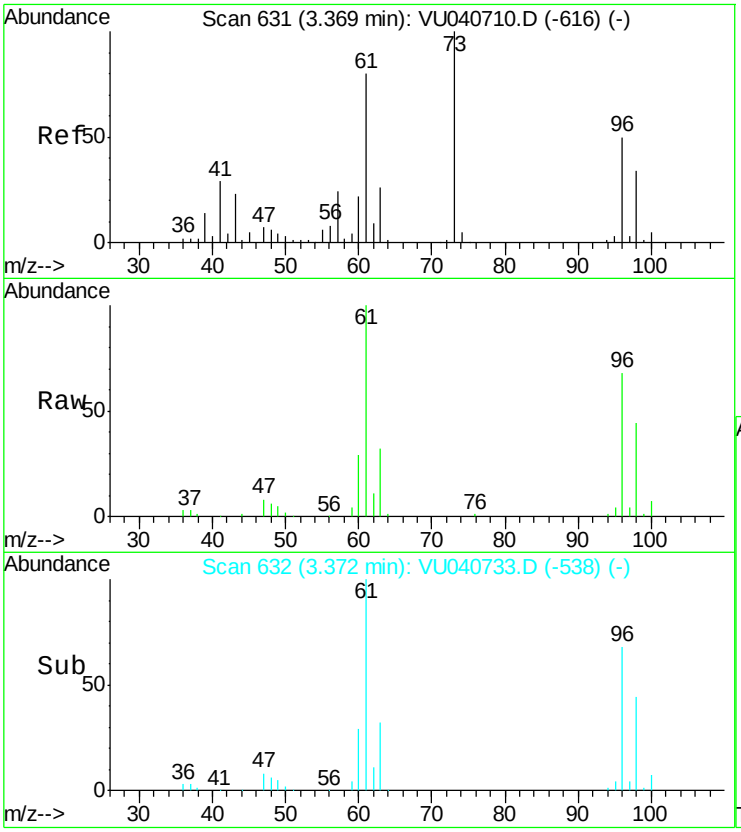


#12
1,1-Dichloroethene
Concen: 0.852 ug/L
RT: 2.59 min Scan# 390
Delta R.T. 0.00 min
Lab File: VU040733.D
Acq: 15 Oct 2020 20:10

Tgt Ion: 96 Resp: 6721

Ion	Ratio	Lower	Upper
96	100		
61	220.2	128.8	239.2
63	487.6	84.6	157.2#



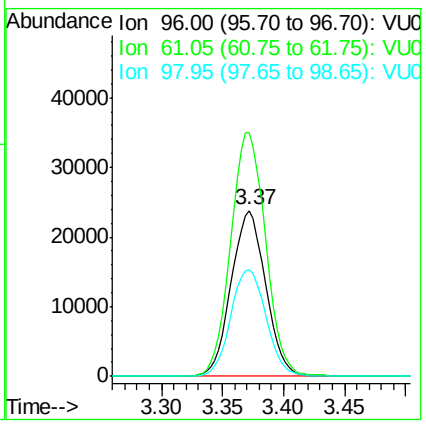


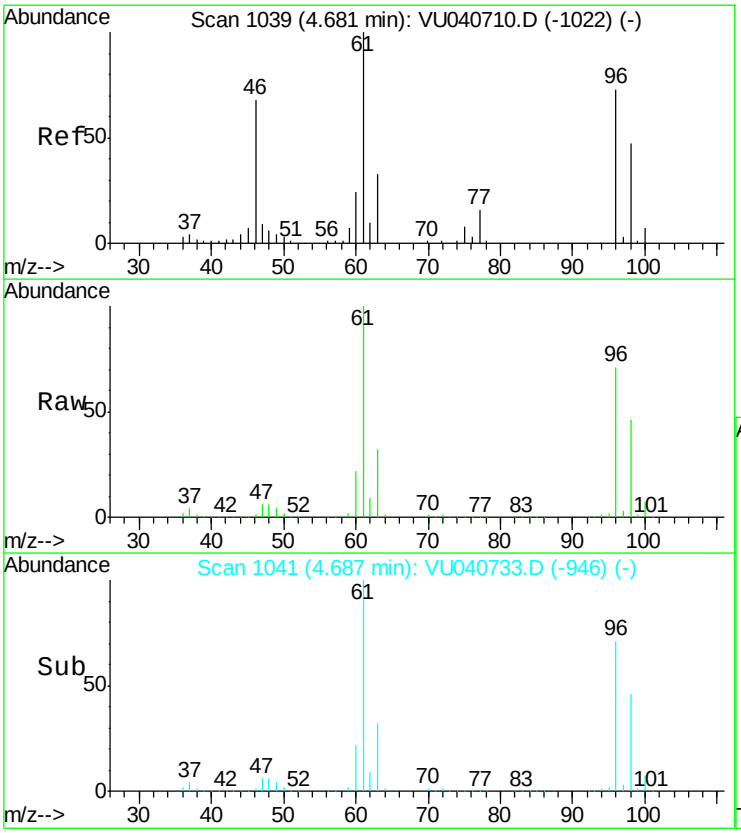
#18
trans-1,2-Dichloroethene
Concen: 5.658 ug/L
RT: 3.37 min Scan# 632
Delta R.T. 0.00 min
Lab File: VU040733.D
Acq: 15 Oct 2020 20:10

Instrument : MSVOA_U
ClientSampleId : ETZ16

Tgt Ion: 96 Resp: 46707

Ion	Ratio	Lower	Upper
96	100		
61	146.5	105.9	196.7
98	64.6	43.8	81.3

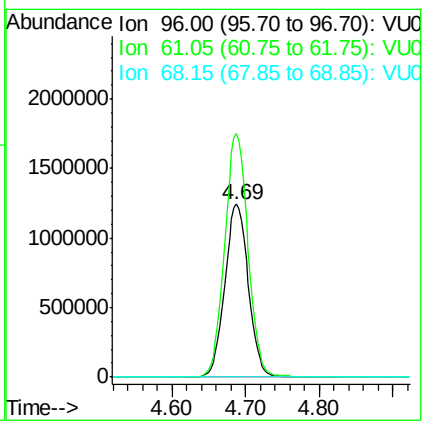


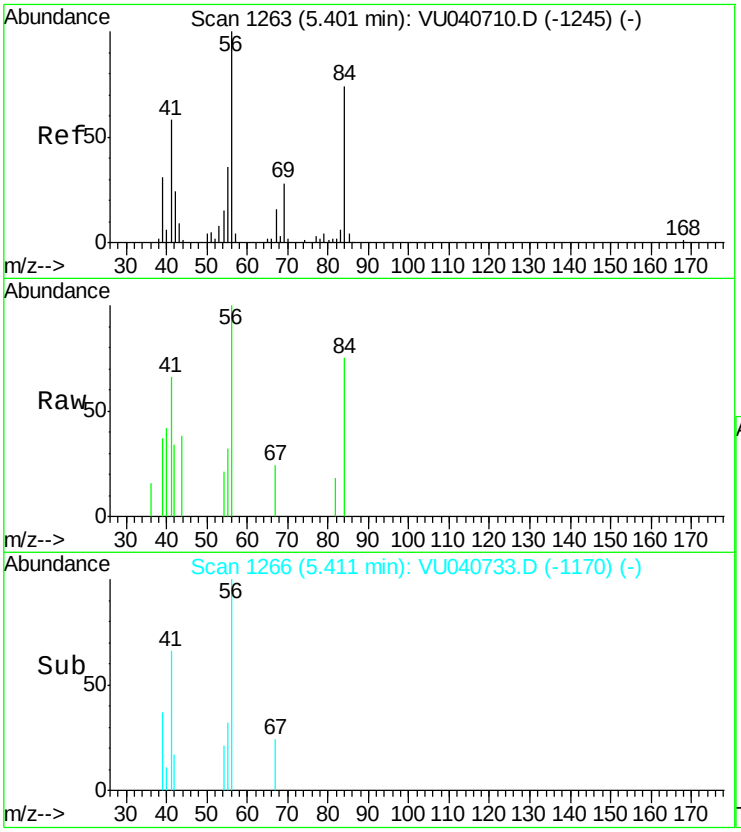


#22
cis-1,2-Dichloroethene
Concen: 309.265 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.01 min
Lab File: VU040733.D
Acq: 15 Oct 2020 20:10

Tgt Ion: 96 Resp: 2753139

Ion	Ratio	Lower	Upper
96	100		
61	140.8	99.8	185.4
68	0.0	0.0	0.0



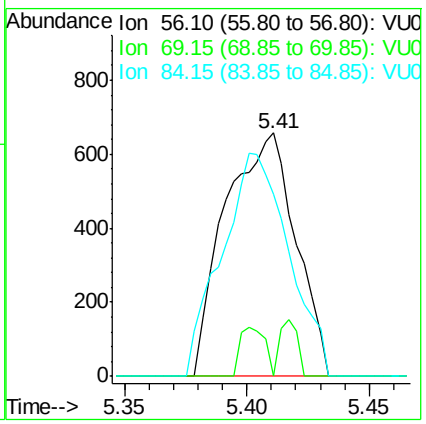


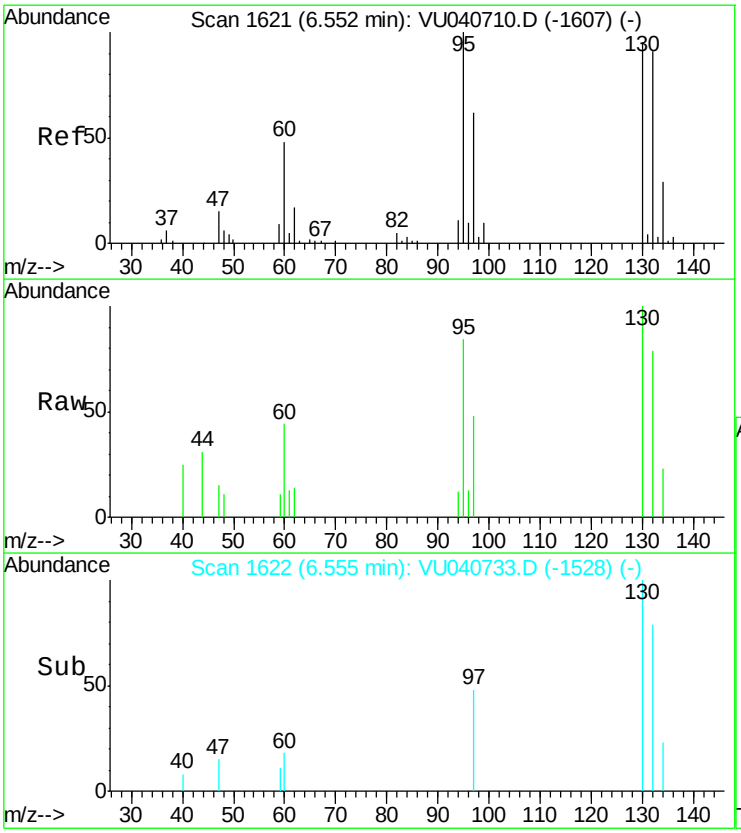
#30
Cyclohexane
Concen: 0.096 ug/L
RT: 5.41 min Scan# 1266
Delta R.T. 0.01 min
Lab File: VU040733.D
Acq: 15 Oct 2020 20:10

Instrument : MSVOA_U
ClientSampleId : ETZ16

Tgt Ion: 56 Resp: 1320

Ion	Ratio	Lower	Upper
56	100		
69	5.9	23.8	35.8#
84	0.0	64.0	96.0#

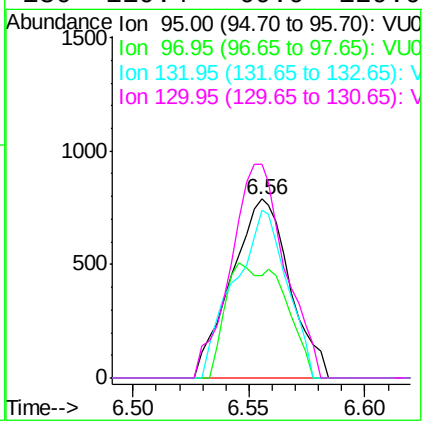


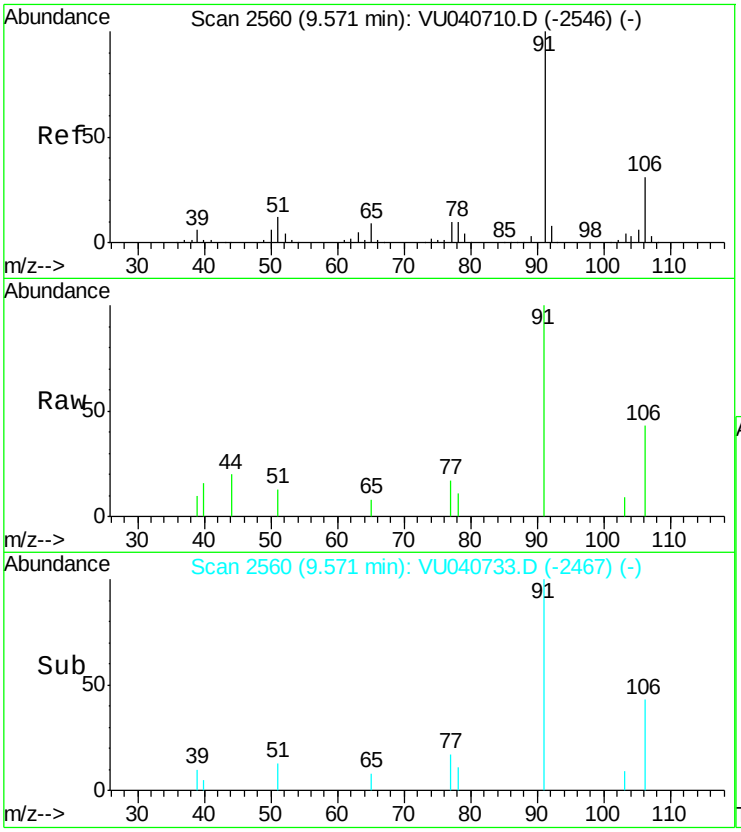


#34
Trichloroethene
Concen: 0.148 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU040733.D
Acq: 15 Oct 2020 20:10

Tgt Ion: 95 Resp: 1377

Ion	Ratio	Lower	Upper
95	100		
97	57.6	45.5	84.5
132	93.9	67.5	125.4
130	119.4	69.9	129.9



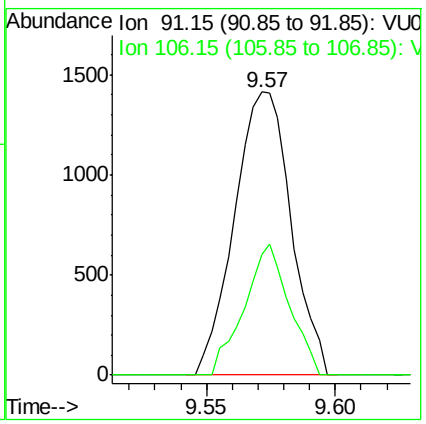


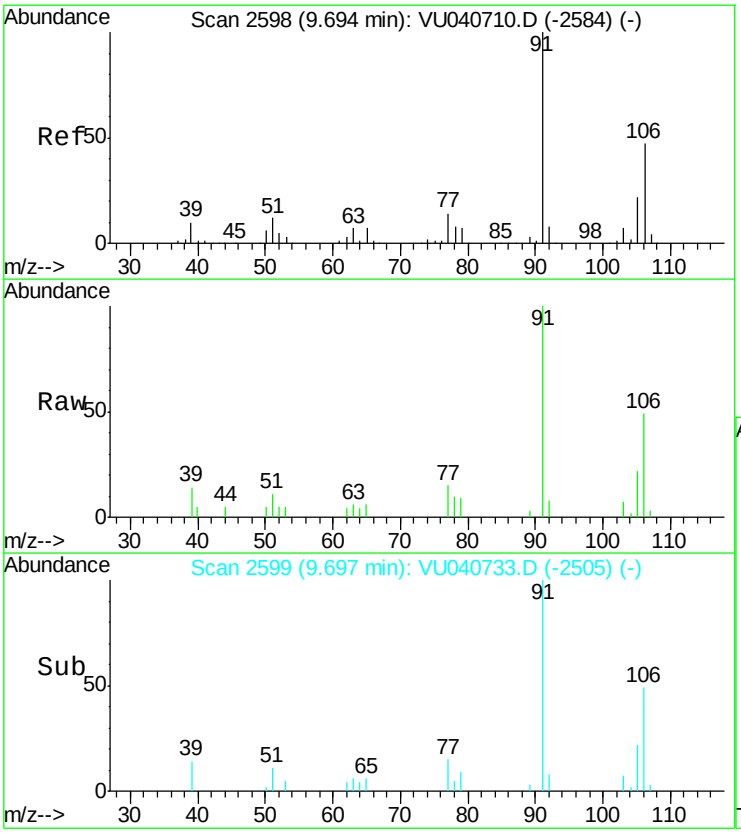
#52
Ethylbenzene
Concen: 0.055 ug/L
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU040733.D
Acq: 15 Oct 2020 20:10

Instrument : MSVOA_U
ClientSampleId : ETZ16

Tgt Ion: 91 Resp: 2168

Ion	Ratio	Lower	Upper
91	100		
106	42.8	20.7	38.5#





#53
m,p-Xylene
Concen: 0.252 ug/L
RT: 9.70 min Scan# 2599
Delta R.T. 0.00 min
Lab File: VU040733.D
Acq: 15 Oct 2020 20:10

Tgt Ion:106 Resp: 3629

Ion	Ratio	Lower	Upper
106	100		
91	205.8	148.5	275.7