Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112020\
Data File : VU041376.D
Acq On : 20 Nov 2020 18:52
Operator : SY/MD
Sample : L4849-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4422

Quant Time: Nov 21 05:53:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 21 02:42:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	59363	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	58739	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	24892	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	20163	4.62	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.40%			
7) Chloroethane-d5	1.92	69	15324	4.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 82.00%			
11) 1,1-Dichloroethene-d2	2.57	63	27848	3.09	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.80%			
20) 2-Butanone-d5	4.66	46	75882	42.15	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 84.30%			
24) Chloroform-d	5.08	84	49039	5.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.80%			
26) 1,2-Dichloroethane-d4	5.72	65	29951	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.20%			
32) Benzene-d6	5.74	84	82471	5.21	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.20%			
36) 1,2-Dichloropropane-d6	6.70	67	28959	5.31	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.20%			
41) Toluene-d8	7.91	98	67654	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.80%			
43) trans-1,3-Dichloropropene-	8.19	79	10400	4.43	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.60%			
46) 2-Hexanone-d5	8.64	63	52232	41.64	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 83.28%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24863	4.70	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	27737	5.71	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 114.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	674571	130.897	ug/L	96
14) Carbon disulfide	2.80	76	6477	0.570	ug/L	97
17) Methyl tert-butyl Ether	3.38	73	33648	3.181	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	9358	2.487	ug/L	96
19) 1,1-Dichloroethane	3.88	63	7187	0.854	ug/L	99
22) cis-1,2-Dichloroethene	4.68	96	251534	59.178	ug/L	97
33) Benzene	5.79	78	10511	0.660	ug/L	100

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

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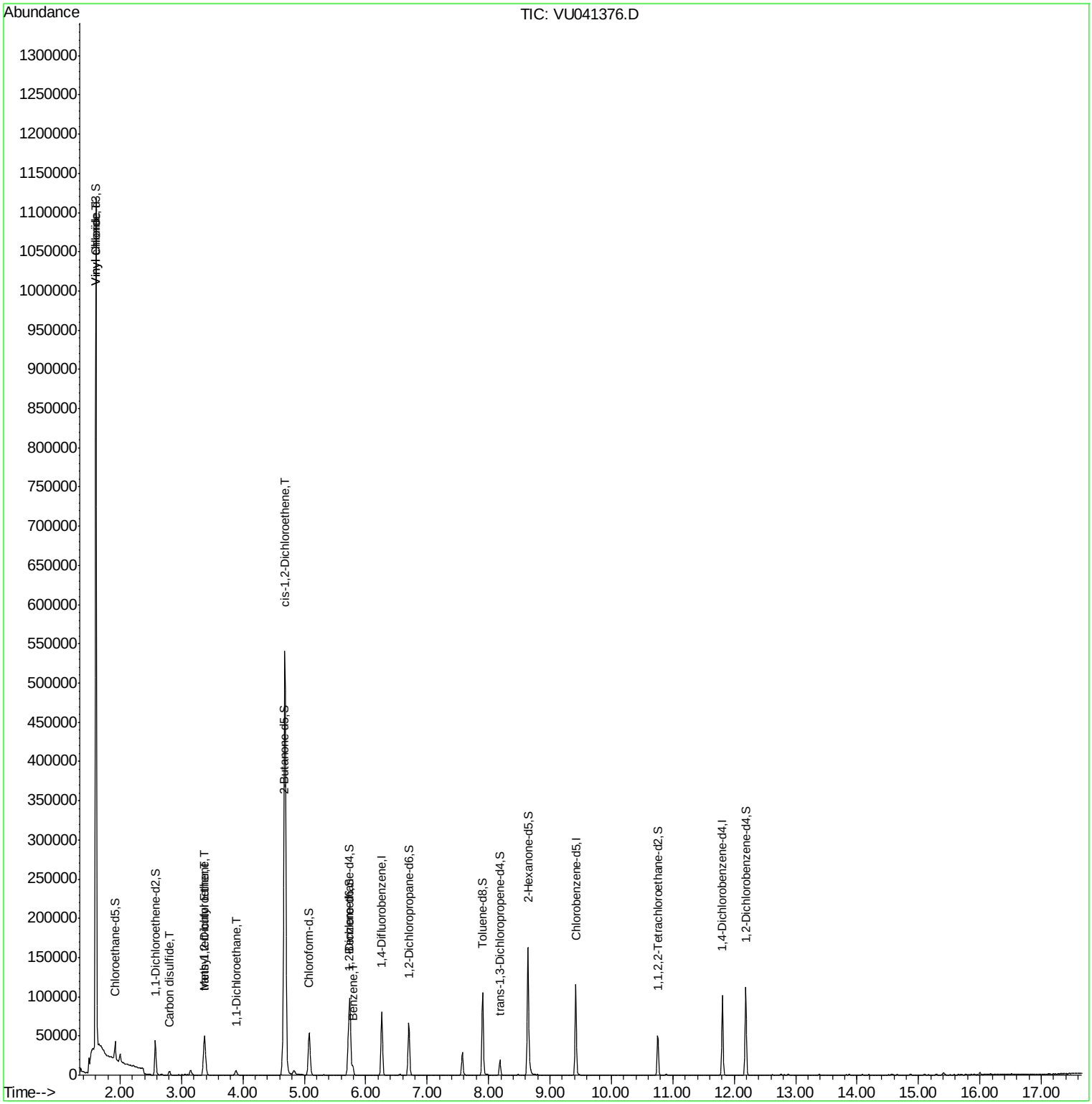
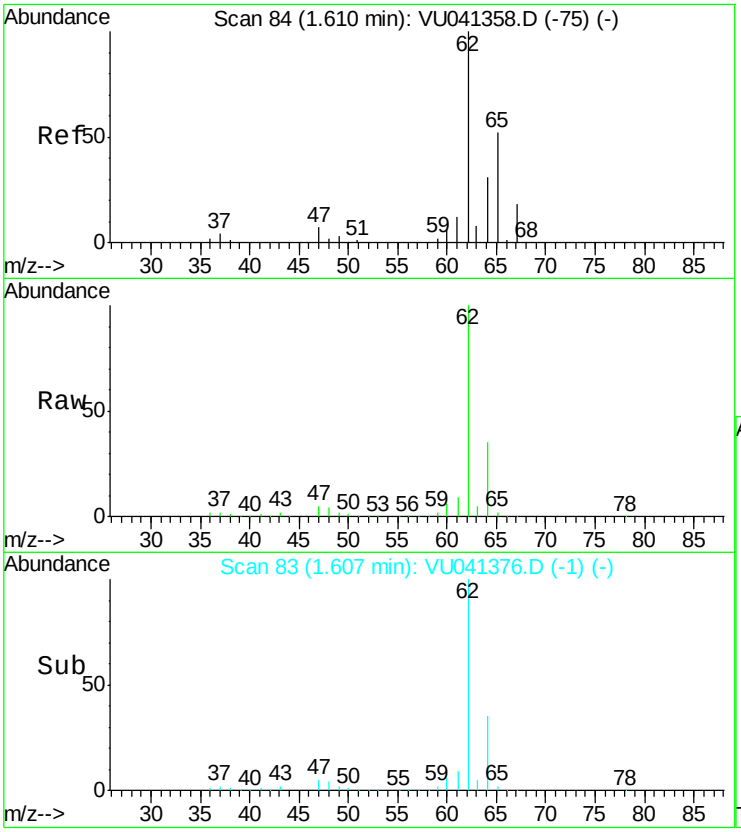


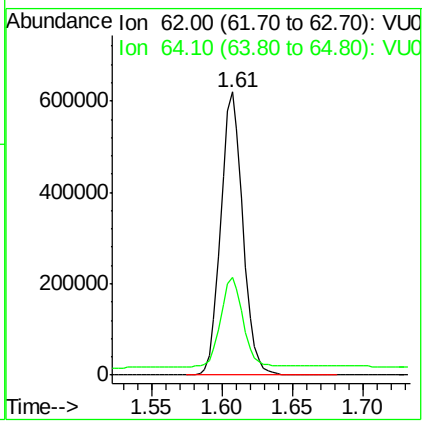


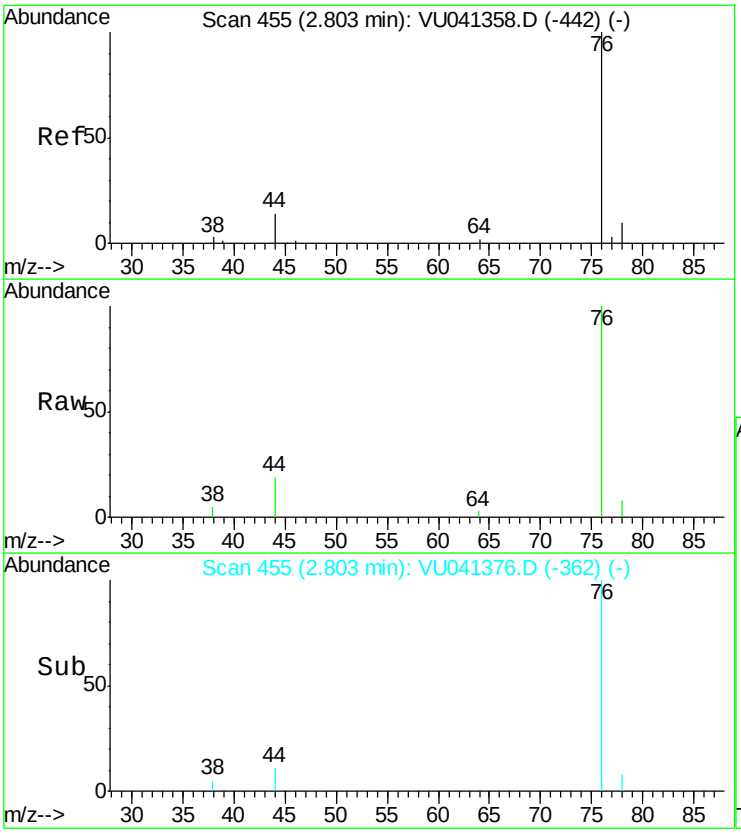
#5
Vinyl chloride
Concen: 130.897 ug/L
RT: 1.61 min Scan# 83
Delta R.T. -0.00 min
Lab File: VU041376.D
Acq: 20 Nov 2020 18:52

Instrument : MSVOA_U
ClientSampleId : H4422

Tgt Ion: 62 Resp: 674571

Ion	Ratio	Lower	Upper
62	100		
64	34.7	22.7	42.3

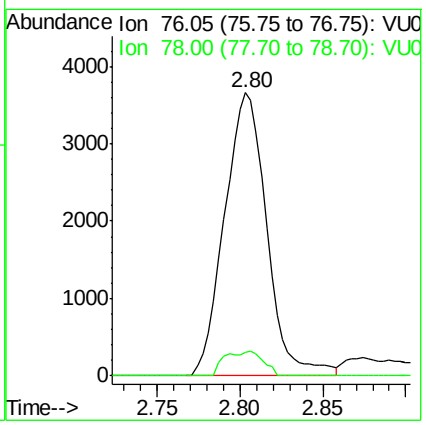


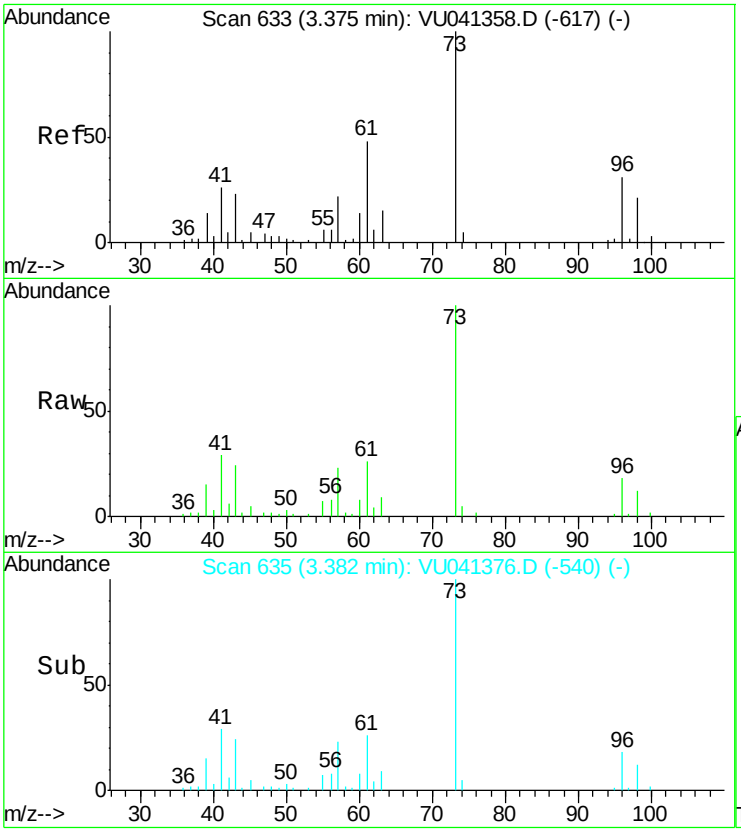


#14
Carbon disulfide
Concen: 0.570 ug/L
RT: 2.80 min Scan# 455
Delta R.T. 0.00 min
Lab File: VU041376.D
Acq: 20 Nov 2020 18:52

Tgt Ion: 76 Resp: 6477

Ion	Ratio	Lower	Upper
76	100		
78	8.3	7.5	11.3



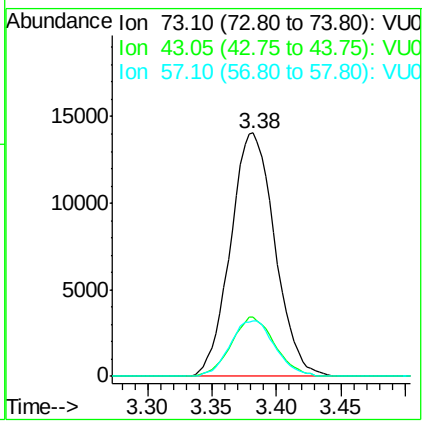


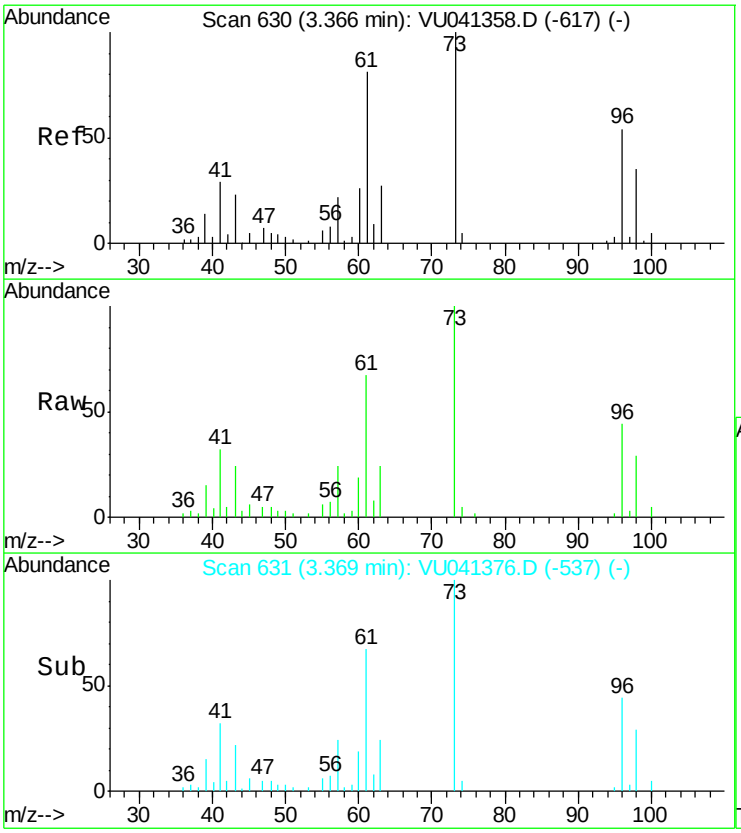
#17
Methyl tert-butyl Ether
Concen: 3.181 ug/L
RT: 3.38 min Scan# 635
Delta R.T. 0.01 min
Lab File: VU041376.D
Acq: 20 Nov 2020 18:52

Instrument : MSVOA_U
ClientSampleId : H4422

Tgt Ion: 73 Resp: 33648

Ion	Ratio	Lower	Upper
73	100		
43	23.8	18.5	27.7
57	23.0	18.4	27.6

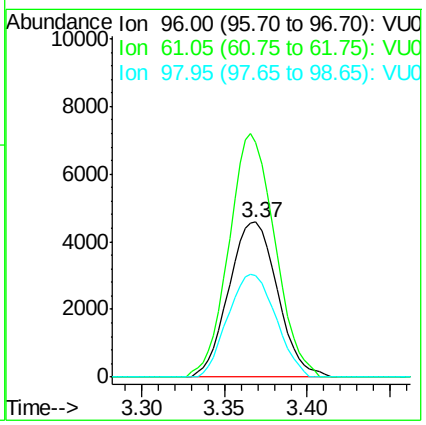


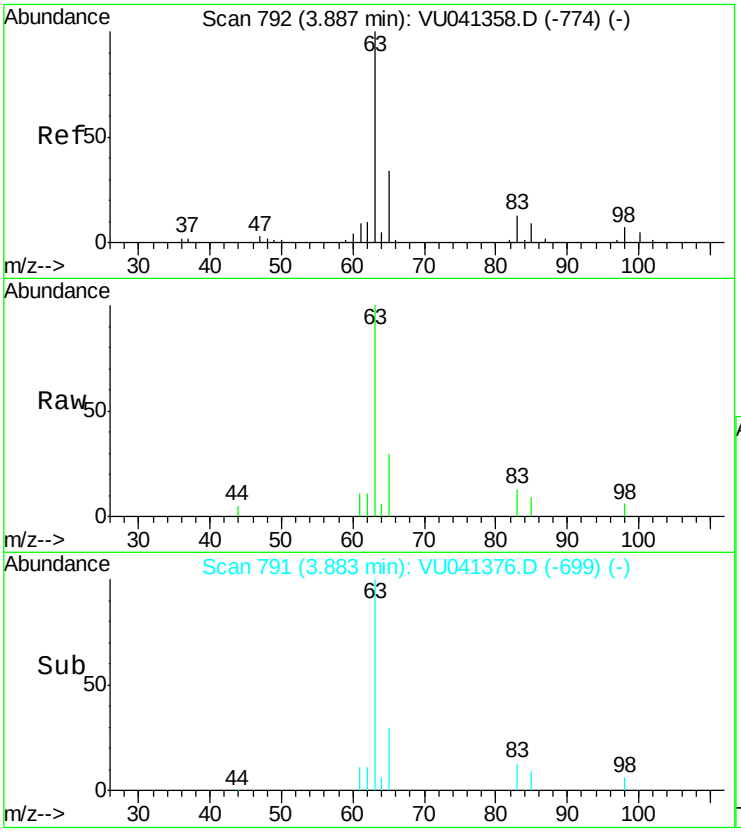


#18
trans-1,2-Dichloroethene
Concen: 2.487 ug/L
RT: 3.37 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU041376.D
Acq: 20 Nov 2020 18:52

Tgt Ion: 96 Resp: 9358

Ion	Ratio	Lower	Upper
96	100		
61	151.6	110.9	205.9
98	65.8	45.4	84.2



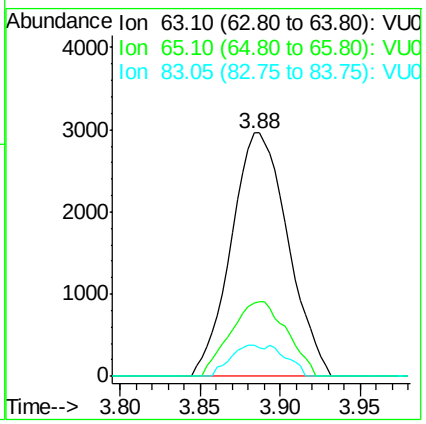


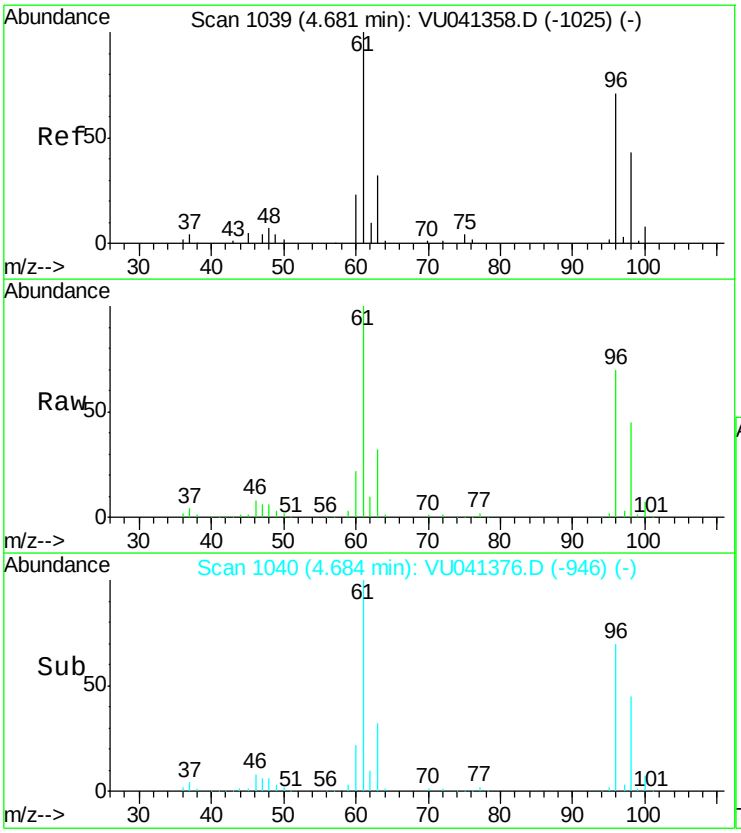
#19
1,1-Dichloroethane
Concen: 0.854 ug/L
RT: 3.88 min Scan# 791
Delta R.T. -0.00 min
Lab File: VU041376.D
Acq: 20 Nov 2020 18:52

Instrument : MSVOA_U
ClientSampleId : H4422

Tgt Ion: 63 Resp: 7187

Ion	Ratio	Lower	Upper
63	100		
65	29.9	21.3	39.6
83	12.9	8.8	16.3

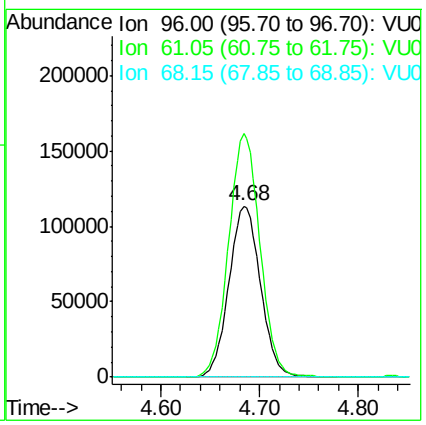


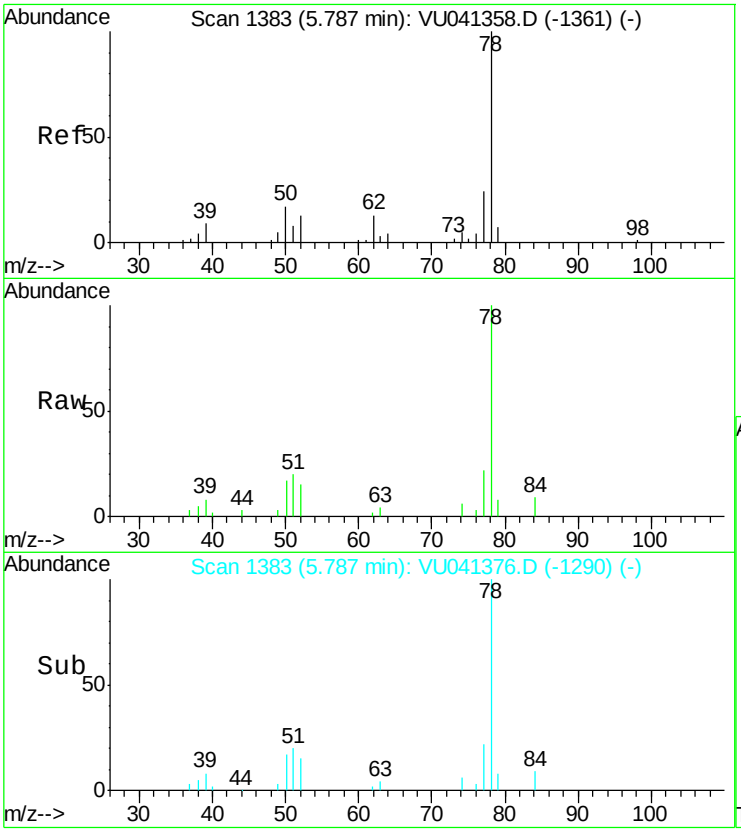


#22
cis-1,2-Dichloroethene
Concen: 59.178 ug/L
RT: 4.68 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VU041376.D
Acq: 20 Nov 2020 18:52

Tgt Ion: 96 Resp: 251534

Ion	Ratio	Lower	Upper
96	100		
61	142.2	97.2	180.4
68	0.0	0.0	0.0





#33
Benzene
Concen: 0.660 ug/L
RT: 5.79 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VU041376.D
Acq: 20 Nov 2020 18:52

Tgt Ion: 78 Resp: 10511

Instrument :
MSVOA_U
ClientSampleId :
H4422