Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112320\
Data File : VU041396.D
Acq On : 23 Nov 2020 18:39
Operator : SY/MD
Sample : L4849-04DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4407DL

Quant Time: Nov 24 02:46:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 24 01:52:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	66837	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	64230	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	30044	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	21796	4.64	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.80%			
7) Chloroethane-d5	1.92	69	16803	5.09	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.80%			
11) 1,1-Dichloroethene-d2	2.58	63	36477	3.96	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.20%			
20) 2-Butanone-d5	4.66	46	73358	61.30	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 122.60%			
24) Chloroform-d	5.08	84	43550	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.00%			
26) 1,2-Dichloroethane-d4	5.72	65	29277	5.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.00%			
32) Benzene-d6	5.74	84	82875	5.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.60%			
36) 1,2-Dichloropropane-d6	6.70	67	29063	5.81	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 116.20%			
41) Toluene-d8	7.91	98	72451	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.80%			
43) trans-1,3-Dichloropropene-	8.19	79	12332	5.43	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 108.60%			
46) 2-Hexanone-d5	8.64	63	46327	62.37	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 124.74%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24084	5.92	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 118.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	27043	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	5655	0.968	ug/L	100
16) Methylene chloride	3.06	84	6364	1.082	ug/L	96
17) Methyl tert-butyl Ether	3.38	73	7440	0.726	ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	3800	0.851	ug/L	90
22) cis-1,2-Dichloroethene	4.68	96	43776	9.223	ug/L	98
25) Chloroform	5.11	83	2870	0.294	ug/L	95
34) Trichloroethene	6.55	95	24131	5.143	ug/L	96

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

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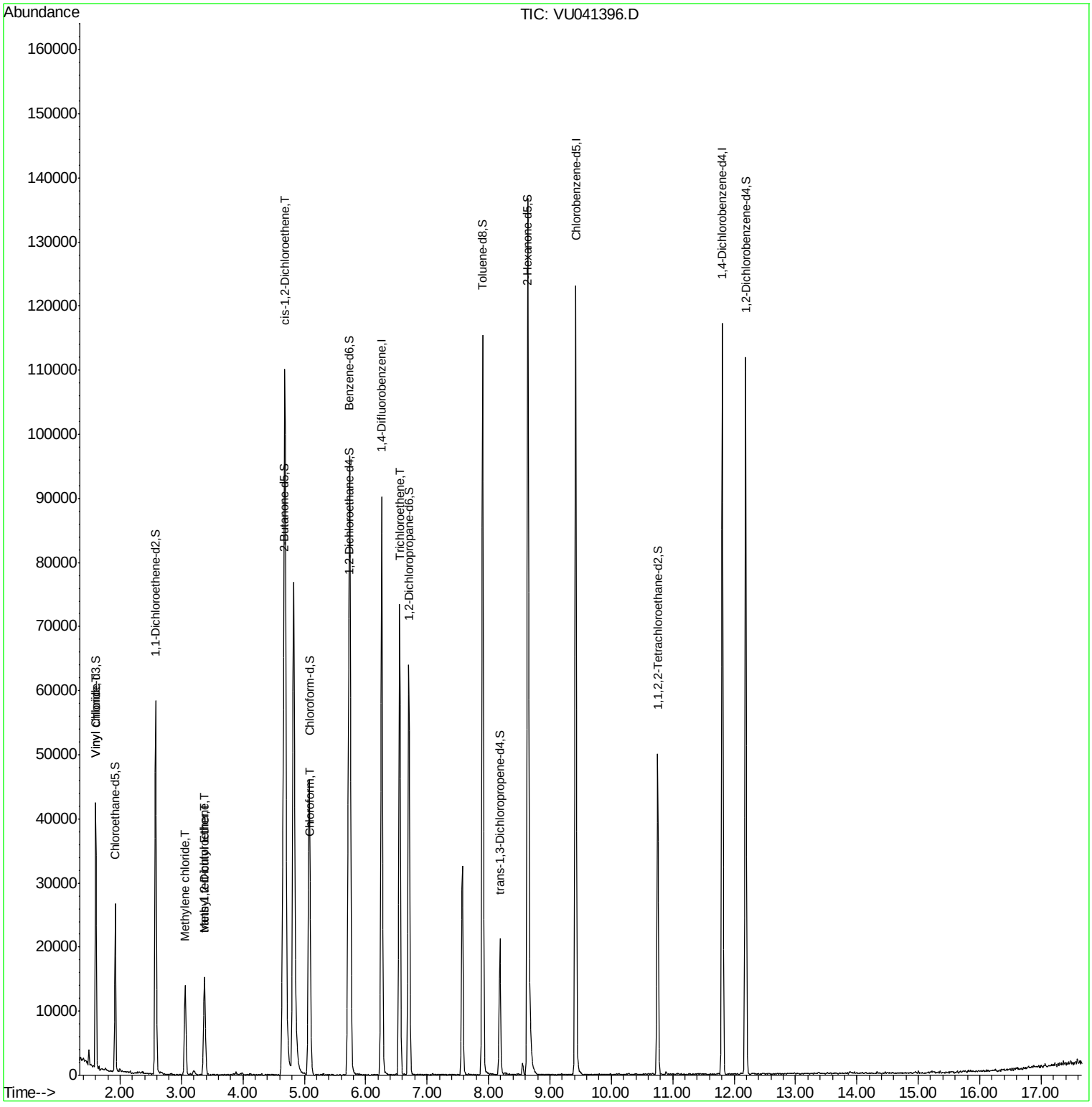
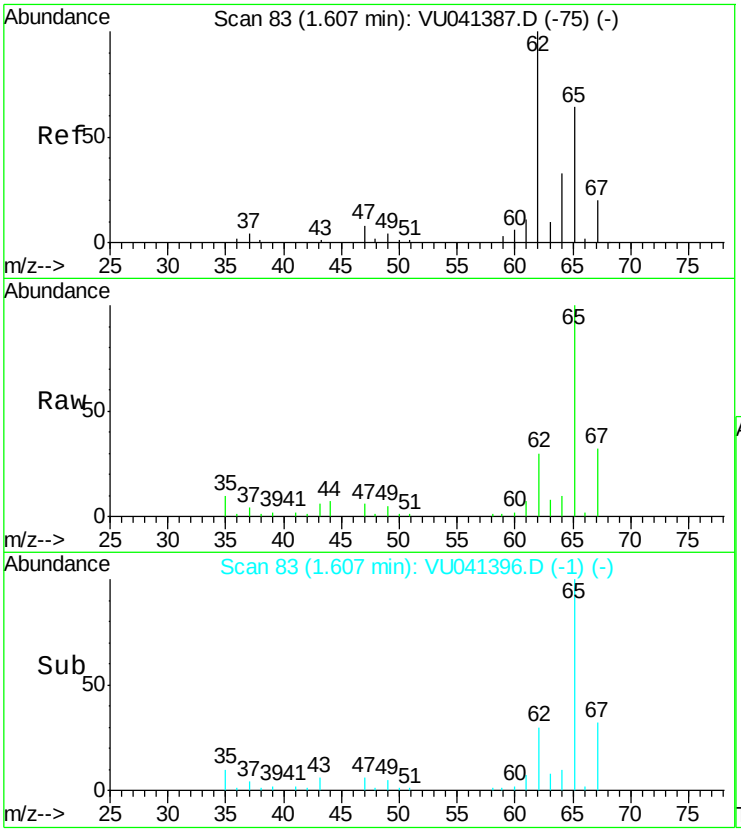


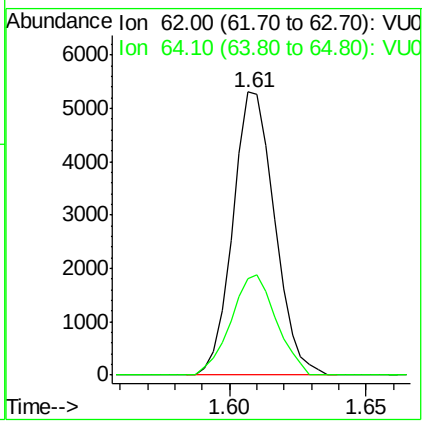


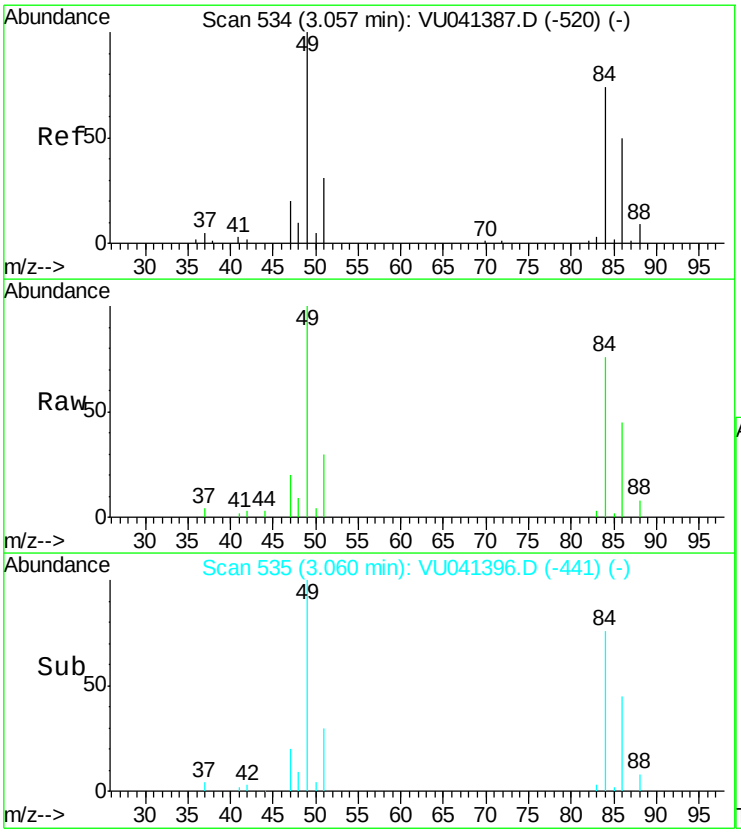
#5
Vinyl chloride
Concen: 0.968 ug/L
RT: 1.61 min Scan# 83
Delta R.T. 0.00 min
Lab File: VU041396.D
Acq: 23 Nov 2020 18:39

Instrument : MSVOA_U
ClientSampleId : H4407DL

Tgt Ion: 62 Resp: 5655

Ion	Ratio	Lower	Upper
62	100		
64	34.2	23.8	44.2

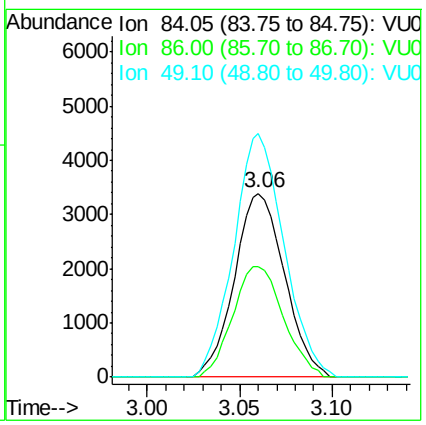


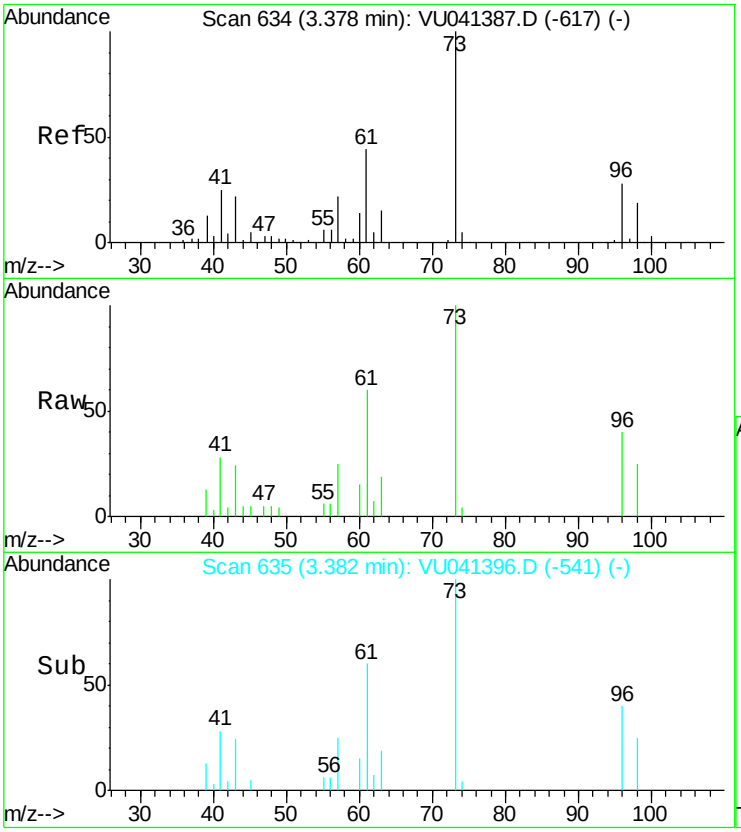


#16
Methylene chloride
Concen: 1.082 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU041396.D
Acq: 23 Nov 2020 18:39

Tgt Ion: 84 Resp: 6364

Ion	Ratio	Lower	Upper
84	100		
86	60.2	44.4	82.5
49	132.3	89.9	167.0



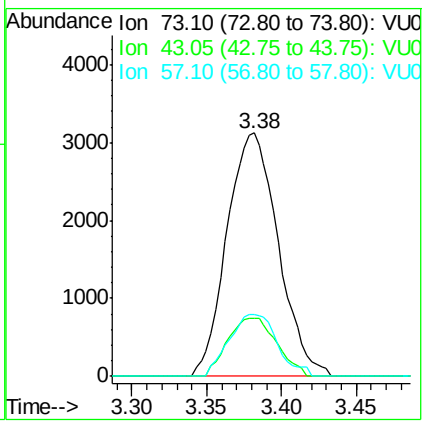


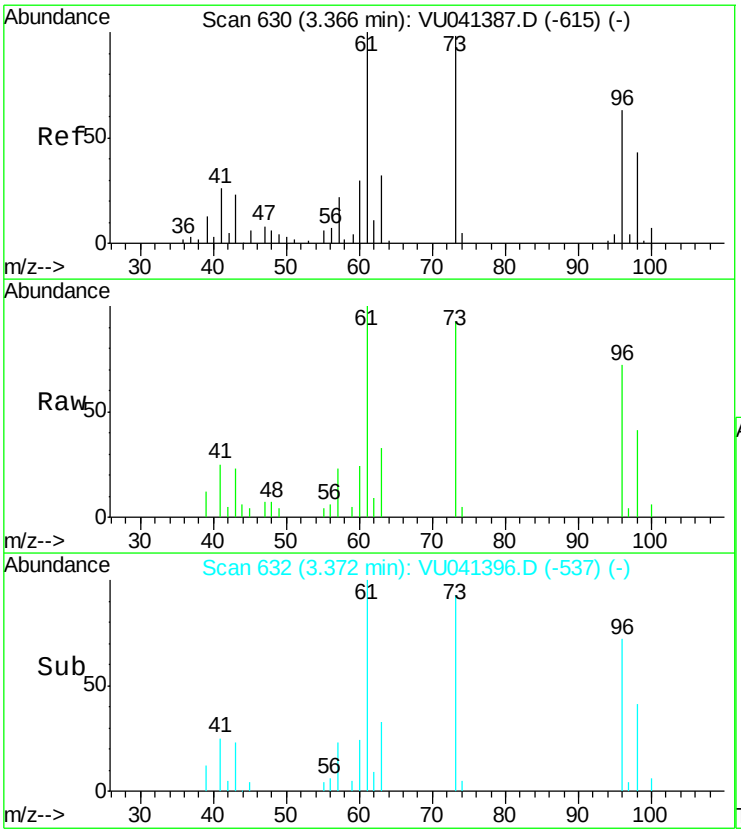
#17
Methyl tert-butyl Ether
Concen: 0.726 ug/L
RT: 3.38 min Scan# 635
Delta R.T. 0.00 min
Lab File: VU041396.D
Acq: 23 Nov 2020 18:39

Instrument : MSVOA_U
ClientSampleId : H4407DL

Tgt Ion: 73 Resp: 7440

Ion	Ratio	Lower	Upper
73	100		
43	22.9	18.3	27.5
57	23.9	17.7	26.5

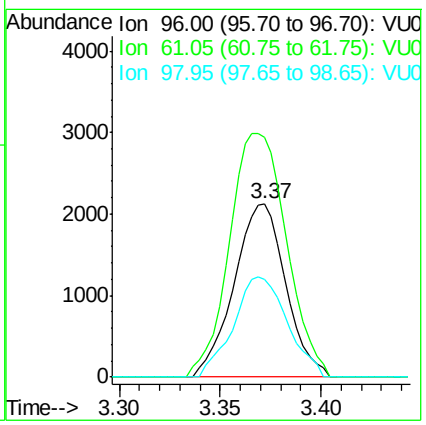


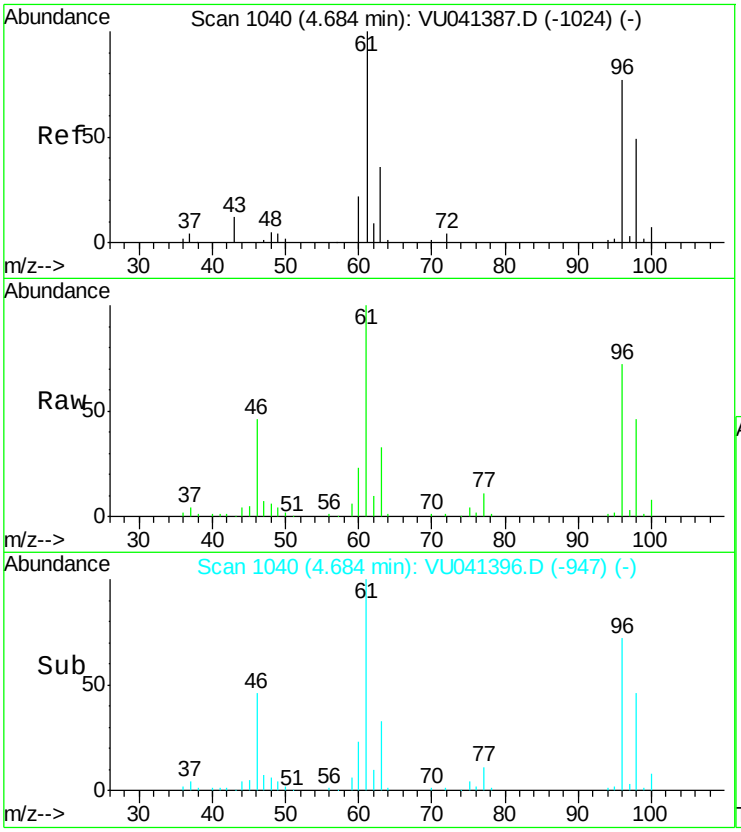


#18
trans-1,2-Dichloroethene
Concen: 0.851 ug/L
RT: 3.37 min Scan# 632
Delta R.T. 0.01 min
Lab File: VU041396.D
Acq: 23 Nov 2020 18:39

Tgt Ion: 96 Resp: 3800

Ion	Ratio	Lower	Upper
96	100		
61	138.3	103.7	192.5
98	56.1	47.5	88.3



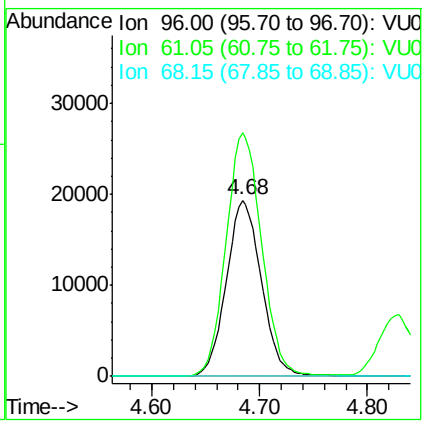


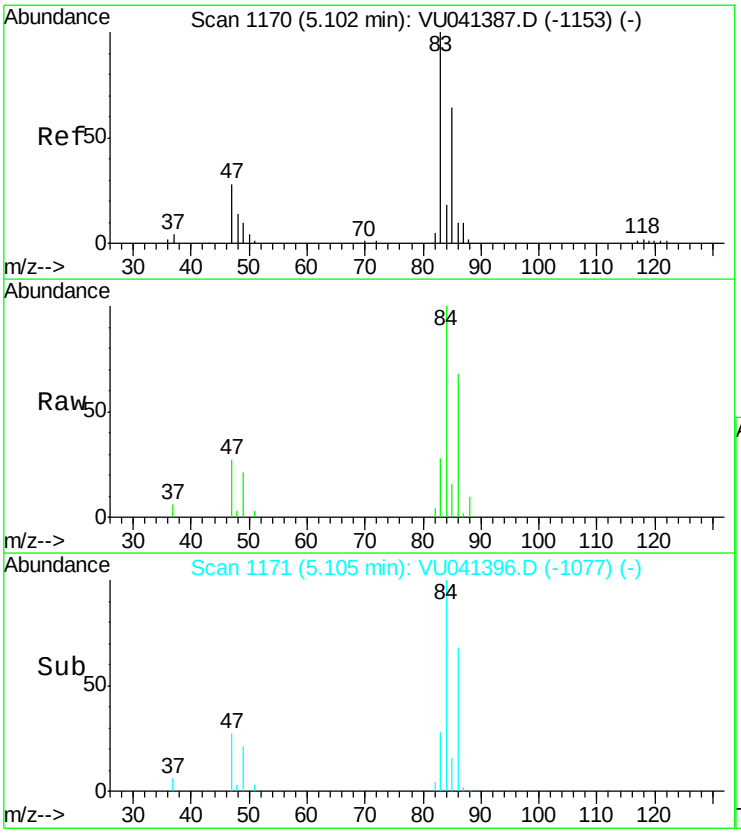
#22
cis-1,2-Dichloroethene
Concen: 9.223 ug/L
RT: 4.68 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VU041396.D
Acq: 23 Nov 2020 18:39

Instrument :
MSVOA_U
ClientSampleId :
H4407DL

Tgt Ion: 96 Resp: 43776

Ion	Ratio	Lower	Upper
96	100		
61	138.5	95.3	176.9
68	0.0	0.0	0.0

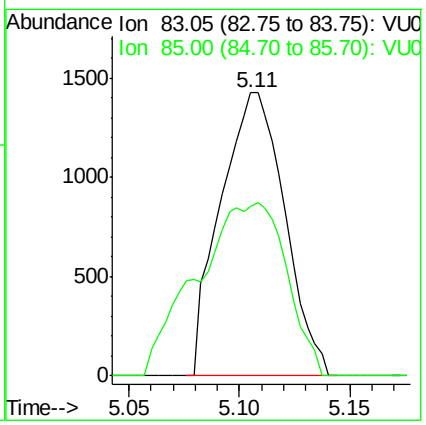


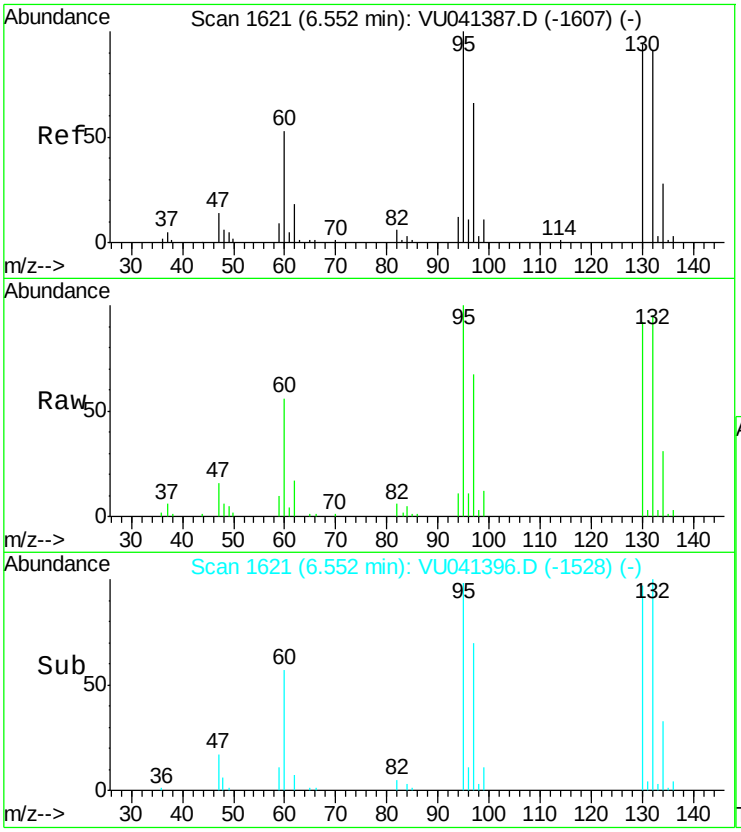


#25
Chloroform
Concen: 0.294 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU041396.D
Acq: 23 Nov 2020 18:39

Tgt Ion: 83 Resp: 2870

Ion	Ratio	Lower	Upper
83	100		
85	59.7	44.7	82.9





#34
Trichloroethene
Concen: 5.143 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. 0.00 min
Lab File: VU041396.D
Acq: 23 Nov 2020 18:39

Instrument :
MSVOA_U
ClientSampleId :
H4407DL

Tgt Ion: 95 Resp: 24131

Ion	Ratio	Lower	Upper
95	100		
97	67.0	46.5	86.5
132	95.2	60.8	113.0
130	92.4	63.3	117.7