Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111720\
Data File : VU041271.D
Acq On : 17 Nov 2020 11:21
Operator : SY/MD
Sample : L4759-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4425

Quant Time: Nov 17 22:48:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 17 22:32:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	69425	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	71450	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	29242	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	23433	4.59	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.80%			
7) Chloroethane-d5	1.92	69	21053	4.82	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.40%			
11) 1,1-Dichloroethene-d2	2.58	63	37406	3.55	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.00%			
20) 2-Butanone-d5	4.65	46	100601	47.78	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.56%			
24) Chloroform-d	5.08	84	55337	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.20%			
26) 1,2-Dichloroethane-d4	5.72	65	34293	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.20%			
32) Benzene-d6	5.74	84	98844	5.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.60%			
36) 1,2-Dichloropropane-d6	6.70	67	34505	5.20	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.00%			
41) Toluene-d8	7.91	98	80101	4.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.20%			
43) trans-1,3-Dichloropropene-	8.18	79	13054	4.57	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.40%			
46) 2-Hexanone-d5	8.64	63	68806	45.09	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.18%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	29374	4.56	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	30566	5.36	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	11947	1.982	ug/L #	81
12) 1,1-Dichloroethene	2.59	96	1350	0.299	ug/L #	1
13) Acetone	2.67	43	3675	2.631	ug/L #	64
17) Methyl tert-butyl Ether	3.38	73	52000	4.203	ug/L	100
18) trans-1,2-Dichloroethene	3.37	96	15207	3.455	ug/L	98
19) 1,1-Dichloroethane	3.89	63	5632	0.572	ug/L	99
22) cis-1,2-Dichloroethene	4.68	96	230713	46.413	ug/L	99
34) Trichloroethene	6.55	95	133311	25.475	ug/L	98

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

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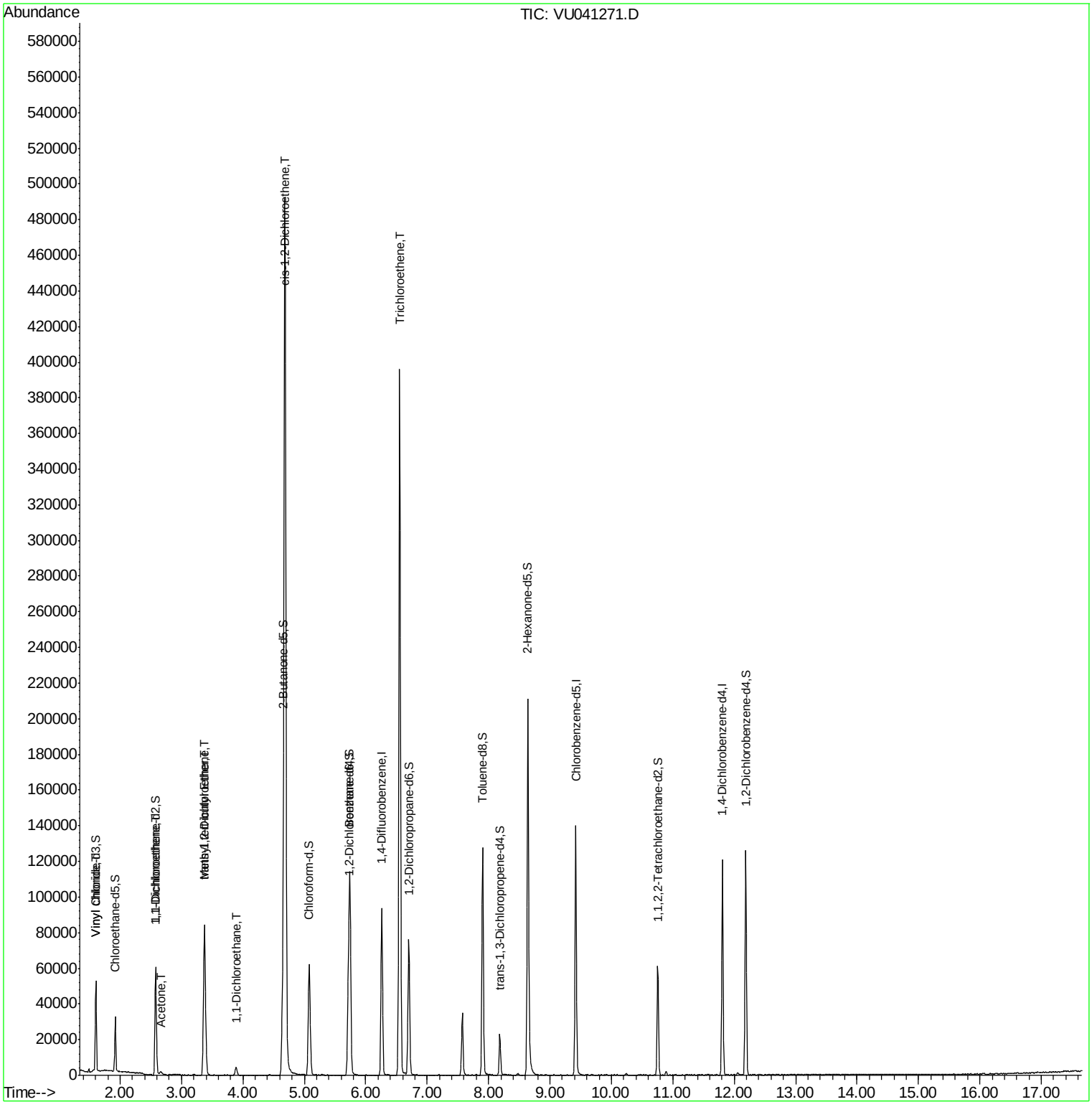
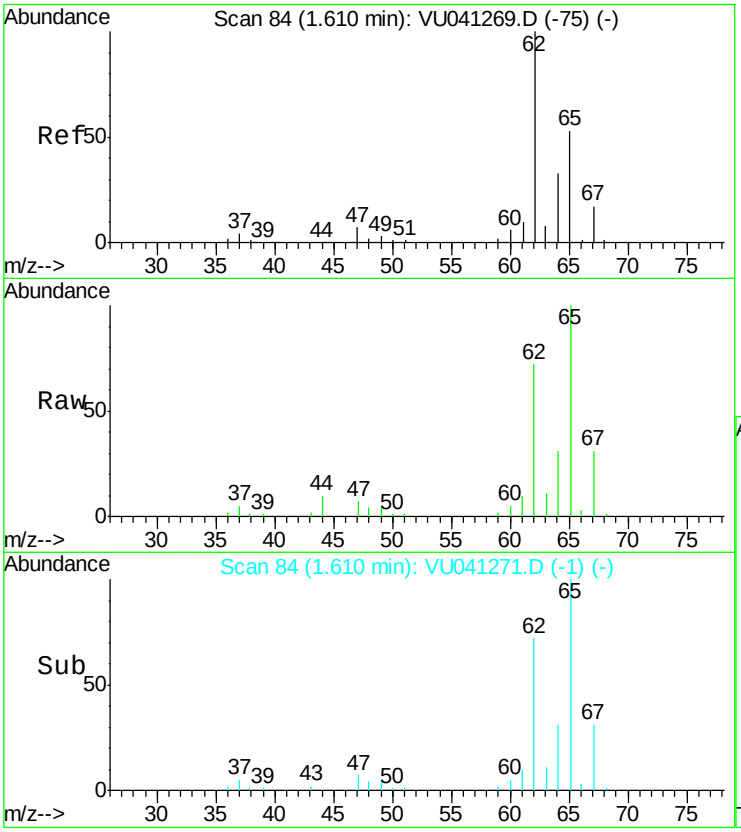


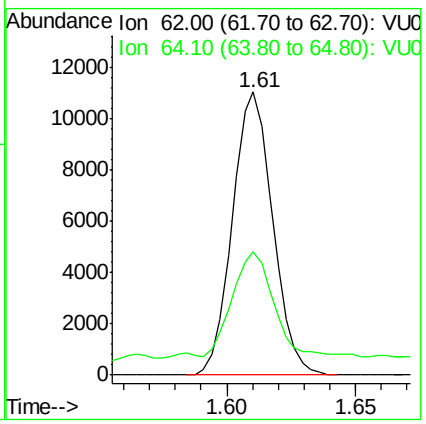


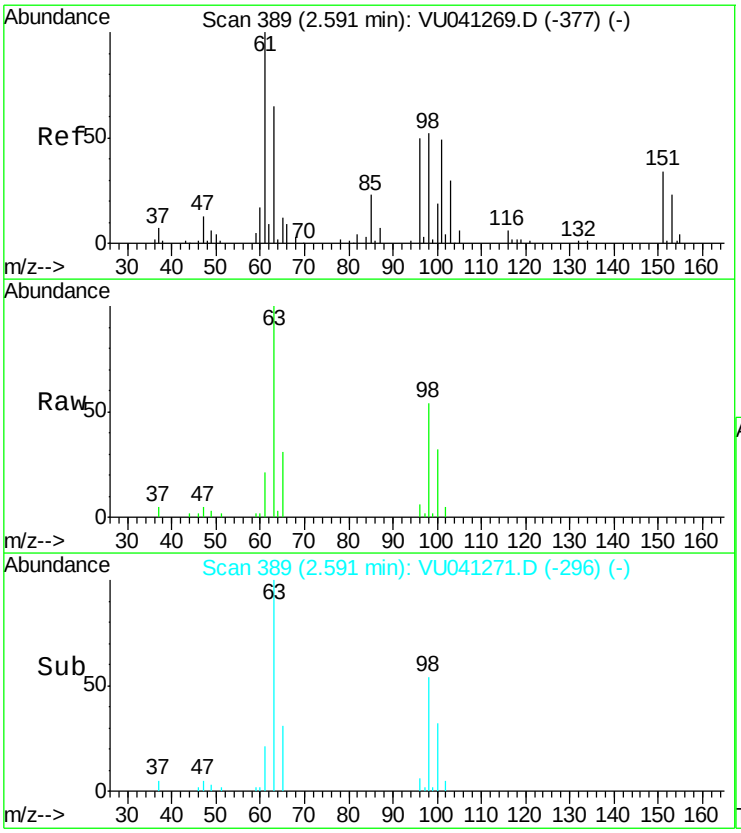
#5
Vinyl chloride
Concen: 1.982 ug/L
RT: 1.61 min Scan# 84
Delta R.T. -0.00 min
Lab File: VU041271.D
Acq: 17 Nov 2020 11:21

Instrument :
MSVOA_U
ClientSampleId :
H4425

Tgt Ion: 62 Resp: 11947

Ion	Ratio	Lower	Upper
62	100		
64	43.4	22.7	42.3#

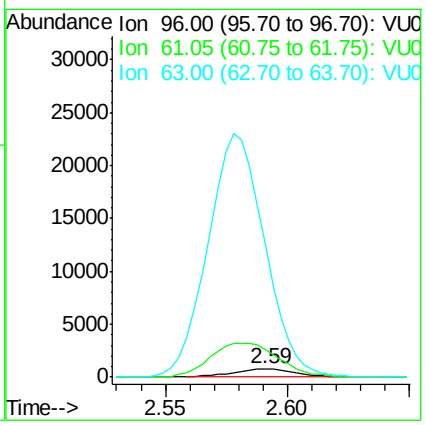


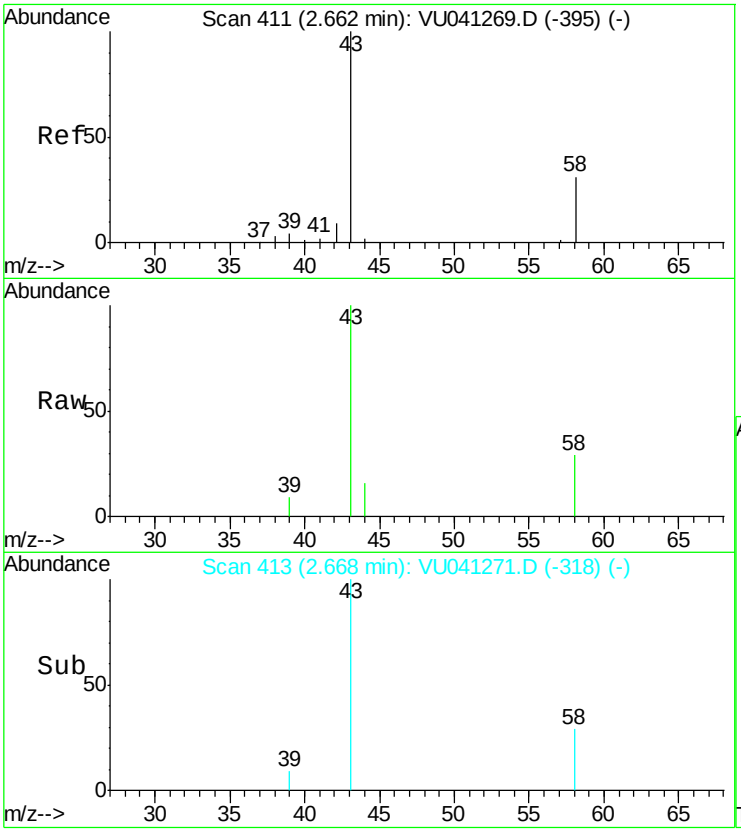


#12
1,1-Dichloroethene
Concen: 0.299 ug/L
RT: 2.59 min Scan# 389
Delta R.T. -0.00 min
Lab File: VU041271.D
Acq: 17 Nov 2020 11:21

Tgt Ion: 96 Resp: 1350

Ion	Ratio	Lower	Upper
96	100		
61	326.5	134.3	249.5#
63	1544.3	95.0	176.4#



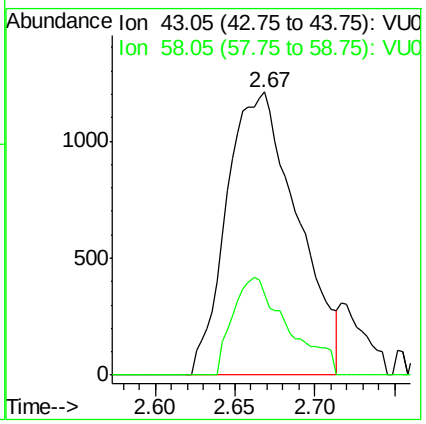


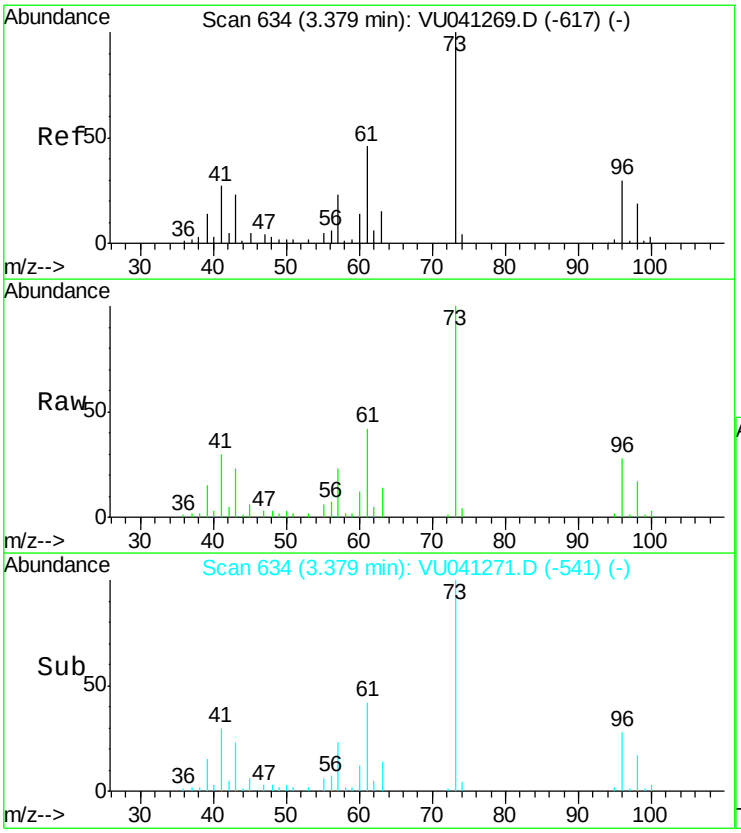
#13
Acetone
Concen: 2.631 ug/L
RT: 2.67 min Scan# 413
Delta R.T. 0.01 min
Lab File: VU041271.D
Acq: 17 Nov 2020 11:21

Instrument :
MSVOA_U
ClientSampleId :
H4425

Tgt Ion: 43 Resp: 3675

Ion	Ratio	Lower	Upper
43	100		
58	26.9	0.0	25.4#

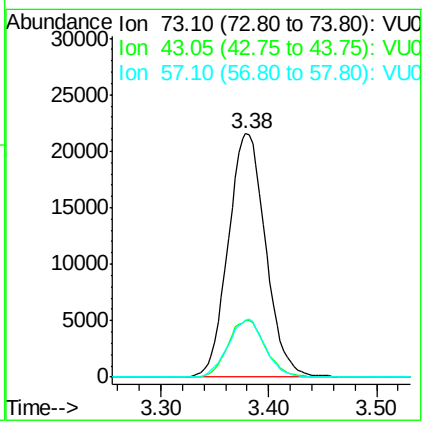


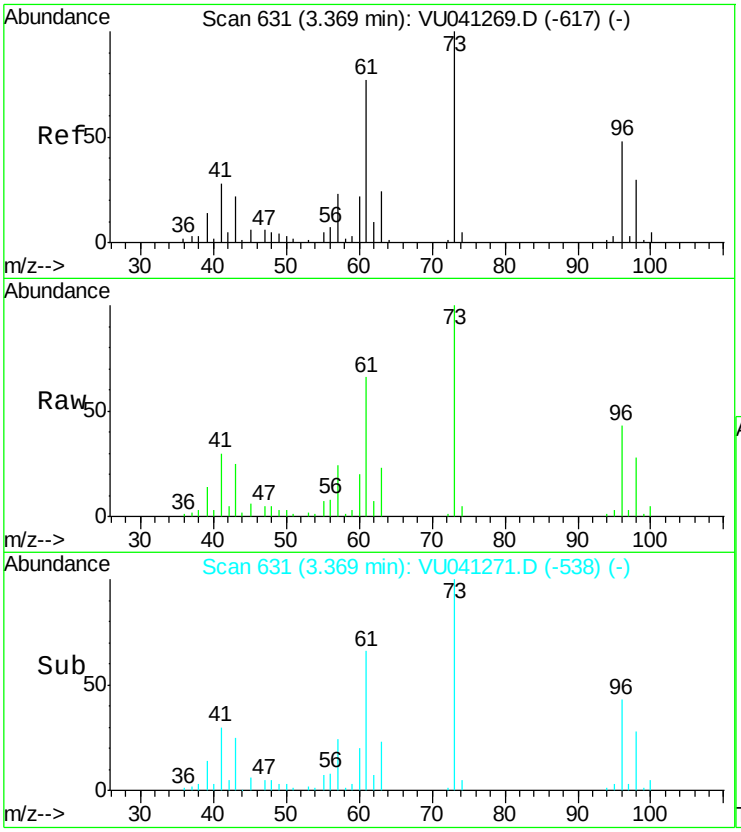


#17
Methyl tert-butyl Ether
Concen: 4.203 ug/L
RT: 3.38 min Scan# 634
Delta R.T. -0.00 min
Lab File: VU041271.D
Acq: 17 Nov 2020 11:21

Tgt Ion: 73 Resp: 52000

Ion	Ratio	Lower	Upper
73	100		
43	23.4	18.5	27.7
57	23.1	18.4	27.6



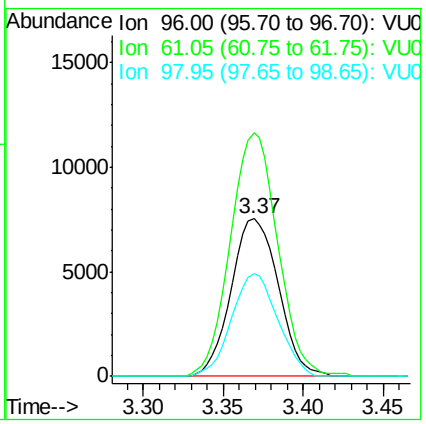


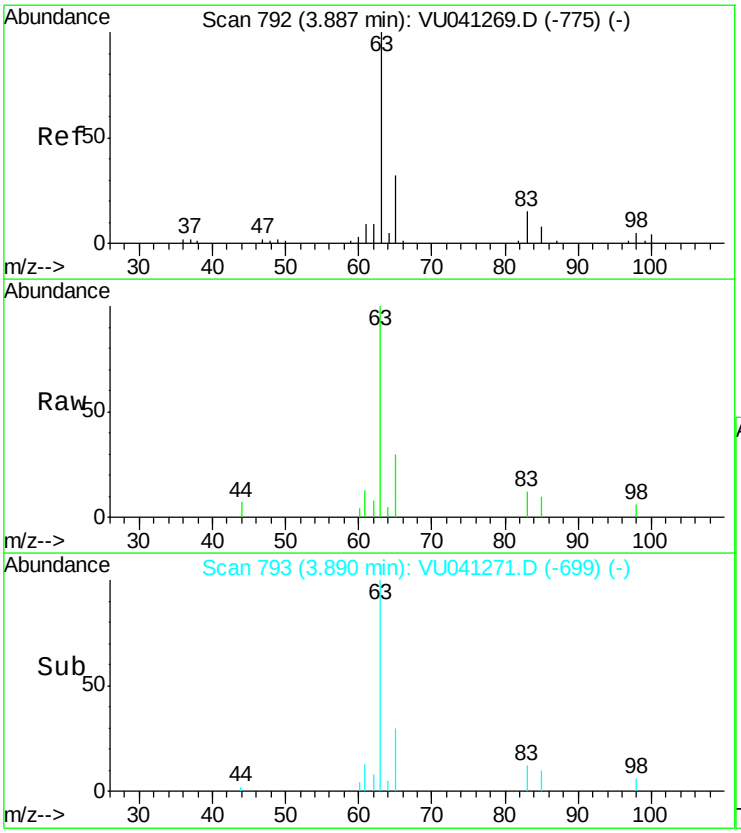
#18
trans-1,2-Dichloroethene
Concen: 3.455 ug/L
RT: 3.37 min Scan# 631
Delta R.T. -0.00 min
Lab File: VU041271.D
Acq: 17 Nov 2020 11:21

Instrument :
MSVOA_U
ClientSampleId :
H4425

Tgt Ion: 96 Resp: 15207

Ion	Ratio	Lower	Upper
96	100		
61	154.8	110.9	205.9
98	65.7	45.4	84.2

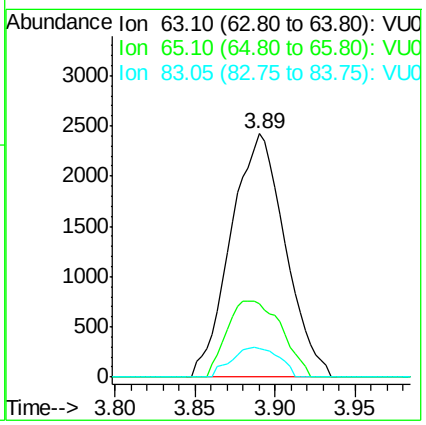


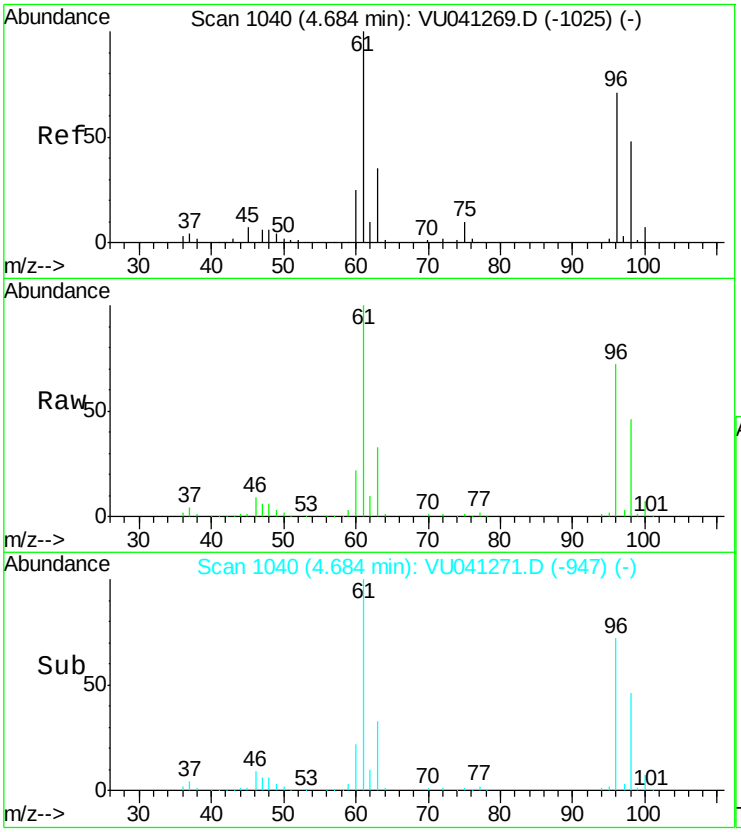


#19
1,1-Dichloroethane
Concen: 0.572 ug/L
RT: 3.89 min Scan# 793
Delta R.T. 0.00 min
Lab File: VU041271.D
Acq: 17 Nov 2020 11:21

Tgt Ion: 63 Resp: 5632

Ion	Ratio	Lower	Upper
63	100		
65	30.1	21.3	39.6
83	11.8	8.8	16.3



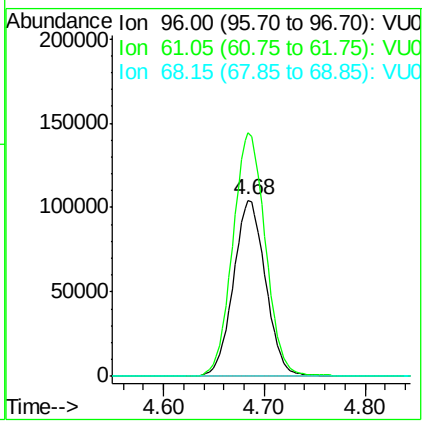


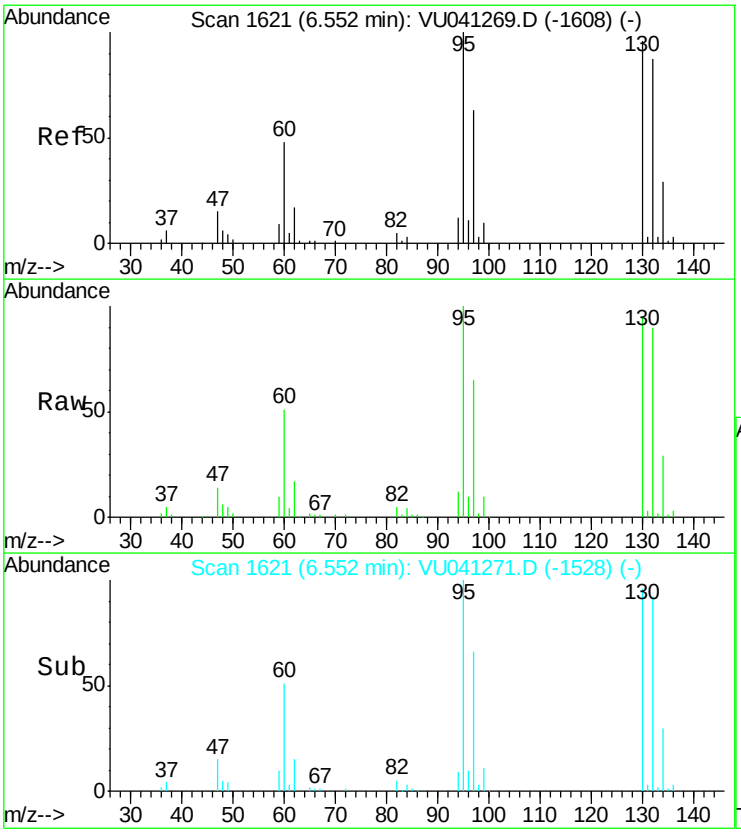
#22
cis-1,2-Dichloroethene
Concen: 46.413 ug/L
RT: 4.68 min Scan# 1040
Delta R.T. -0.00 min
Lab File: VU041271.D
Acq: 17 Nov 2020 11:21

Instrument :
MSVOA_U
ClientSampleId :
H4425

Tgt Ion: 96 Resp: 230713

Ion	Ratio	Lower	Upper
96	100		
61	138.1	97.2	180.4
68	0.0	0.0	0.0





#34
Trichloroethene
Concen: 25.475 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. -0.00 min
Lab File: VU041271.D
Acq: 17 Nov 2020 11:21

Tgt Ion: 95 Resp: 133311

Ion	Ratio	Lower	Upper
95	100		
97	65.4	45.6	84.6
132	90.1	64.8	120.4
130	94.6	64.8	120.4