Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112020\
Data File : VU041372.D
Acq On : 20 Nov 2020 17:15
Operator : SY/MD
Sample : L4849-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4407

Quant Time: Nov 21 05:35:16 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	58235	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	58984	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	23576	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	15824	3.69	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 73.80%			
7) Chloroethane-d5	1.92	69	15087	4.12	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 82.40%			
11) 1,1-Dichloroethene-d2	2.58	63	26829	3.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 60.60%			
20) 2-Butanone-d5	4.64	46	75181	42.57	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 85.14%			
24) Chloroform-d	5.08	84	43927	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.80%			
26) 1,2-Dichloroethane-d4	5.72	65	29641	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.00%			
32) Benzene-d6	5.74	84	79997	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.60%			
36) 1,2-Dichloropropane-d6	6.70	67	28339	5.17	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.40%			
41) Toluene-d8	7.91	98	65405	4.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.40%			
43) trans-1,3-Dichloropropene-	8.19	79	10557	4.47	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.40%			
46) 2-Hexanone-d5	8.64	63	50095	39.77	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 79.54%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	23840	4.48	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	25725	5.59	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 111.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	62953	12.452	ug/L	99
12) 1,1-Dichloroethene	2.59	96	1002	0.264	ug/L #	1
13) Acetone	2.63	43	1352	1.154	ug/L	74
17) Methyl tert-butyl Ether	3.38	73	81278	7.832	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	39817	10.785	ug/L	96
19) 1,1-Dichloroethane	3.88	63	8624	1.045	ug/L	95
22) cis-1,2-Dichloroethene	4.68	96	504036	120.881	ug/L	97
25) Chloroform	5.10	83	3722	0.416	ug/L	93
33) Benzene	5.78	78	6316	0.395	ug/L	100
34) Trichloroethene	6.55	95	275725	63.824	ug/L	98
47) Tetrachloroethene	8.56	164	4715	1.477	ug/L	93

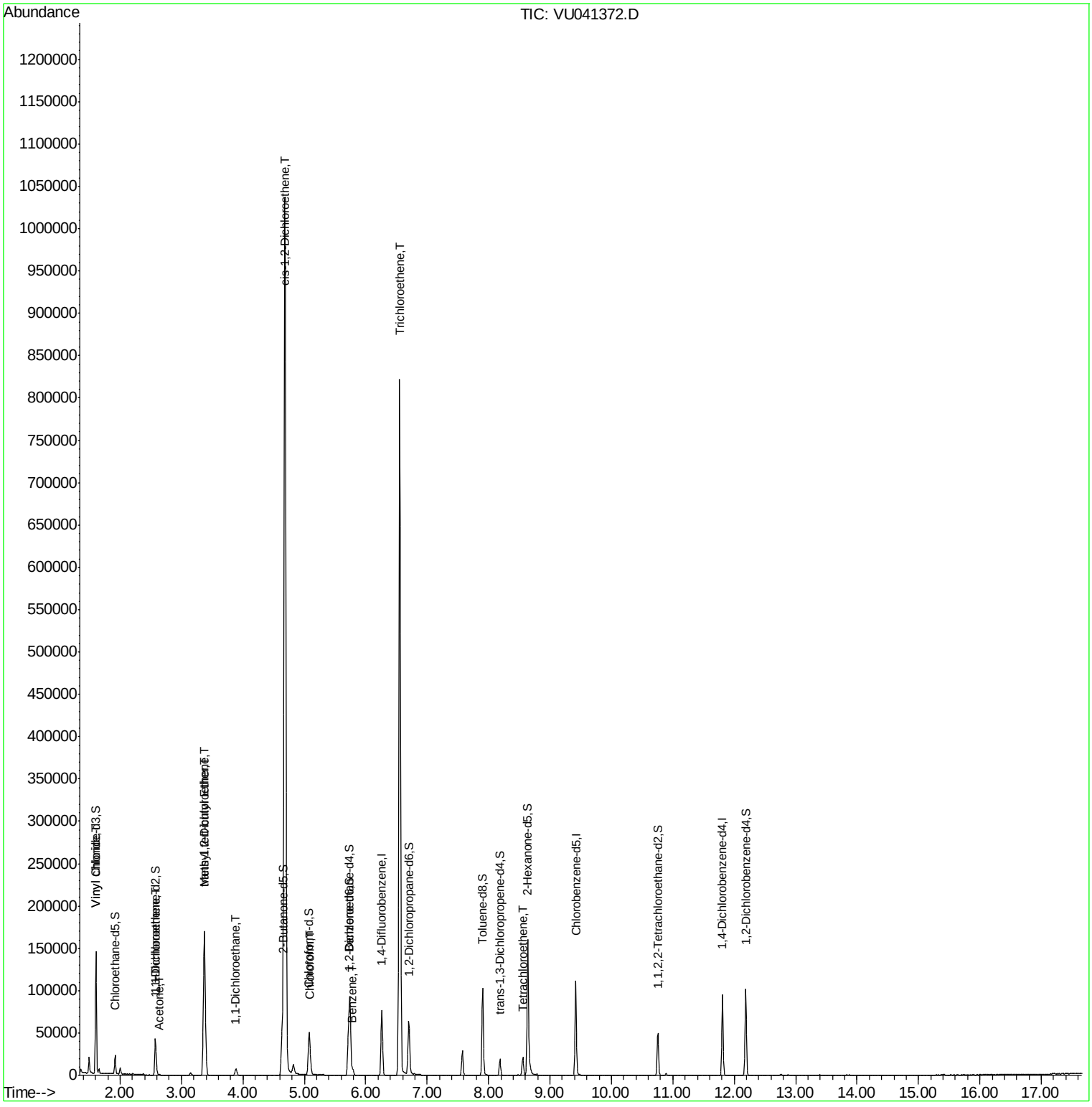
(#) = qualifier out of range (m) = manual integration (+) = signals summed

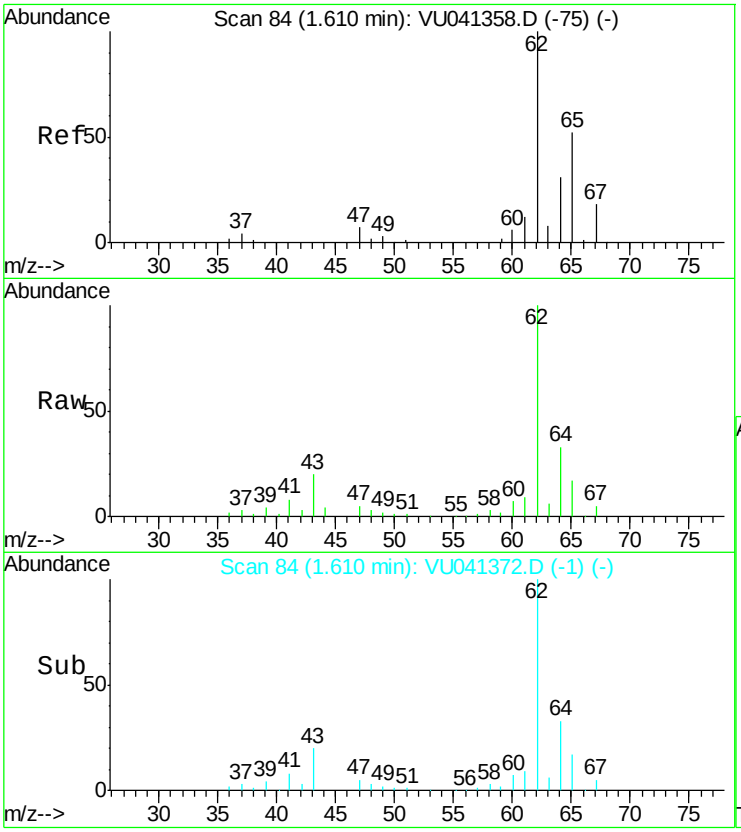
Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112020\
Data File : VU041372.D
Acq On : 20 Nov 2020 17:15
Operator : SY/MD
Sample : L4849-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4407

Quant Time: Nov 21 05:35:16 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



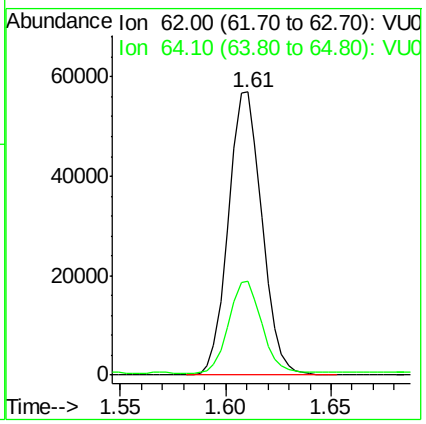


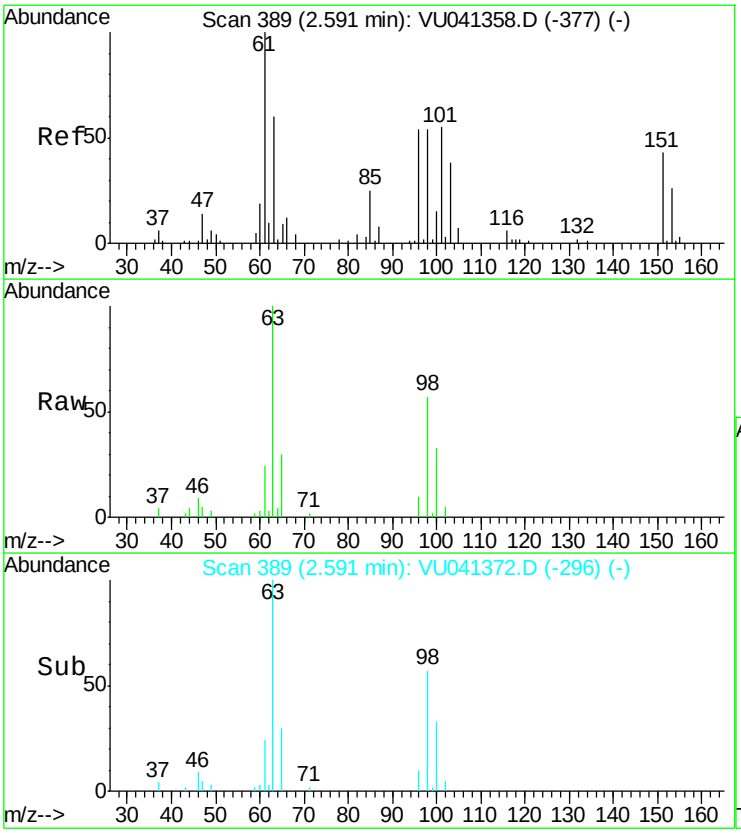
#5
Vinyl chloride
Concen: 12.452 ug/L
RT: 1.61 min Scan# 84
Delta R.T. 0.00 min
Lab File: VU041372.D
Acq: 20 Nov 2020 17:15

Instrument :
MSVOA_U
ClientSampleId :
H4407

Tgt Ion: 62 Resp: 62953

Ion	Ratio	Lower	Upper
62	100		
64	33.0	22.7	42.3

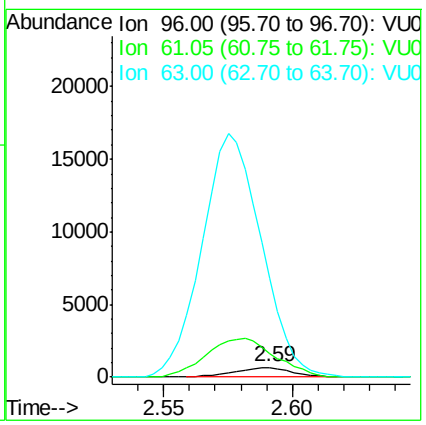


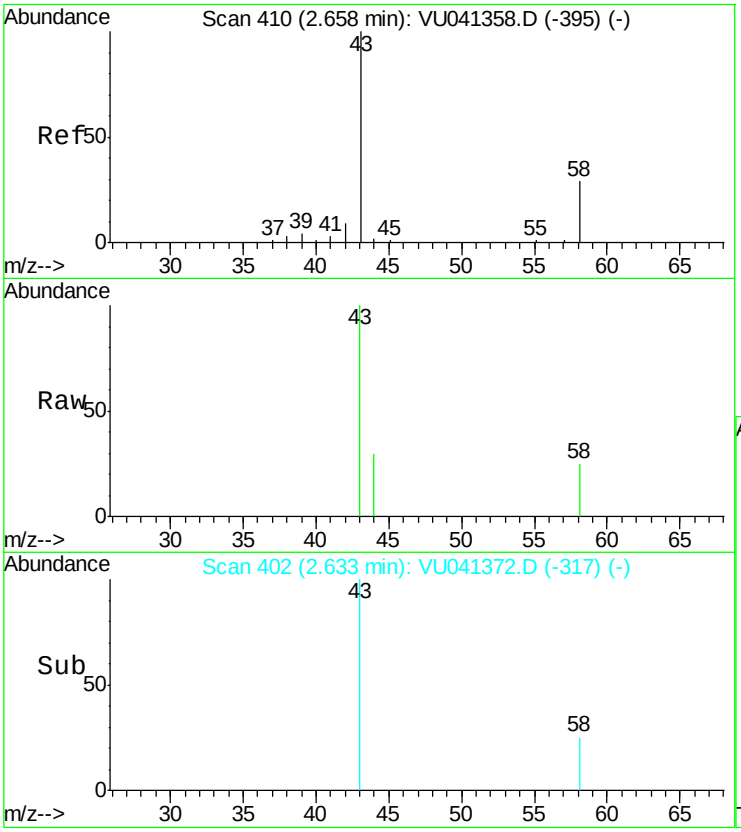


#12
1,1-Dichloroethene
Concen: 0.264 ug/L
RT: 2.59 min Scan# 389
Delta R.T. 0.00 min
Lab File: VU041372.D
Acq: 20 Nov 2020 17:15

Tgt Ion: 96 Resp: 1002

Ion	Ratio	Lower	Upper
96	100		
61	250.1	134.3	249.5#
63	1047.5	95.0	176.4#



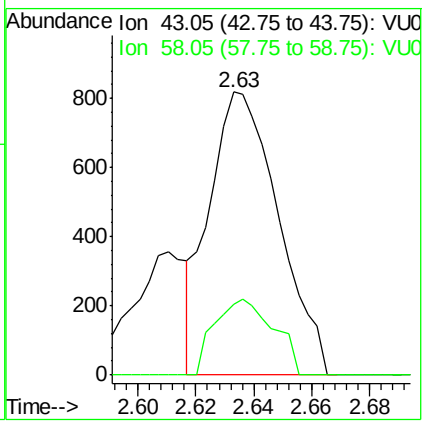


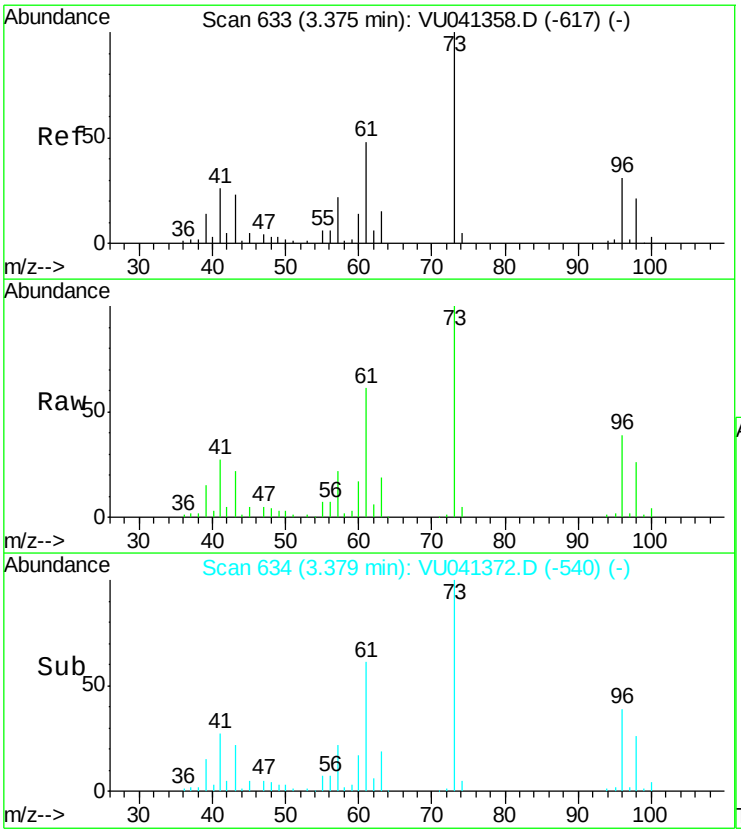
#13
Acetone
Concen: 1.154 ug/L
RT: 2.63 min Scan# 402
Delta R.T. -0.03 min
Lab File: VU041372.D
Acq: 20 Nov 2020 17:15

Instrument : MSVOA_U
ClientSampleId : H4407

Tgt Ion: 43 Resp: 1352

Ion	Ratio	Lower	Upper
43	100		
58	23.2	0.0	25.4

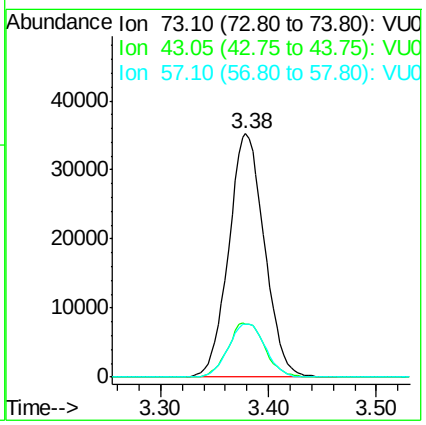


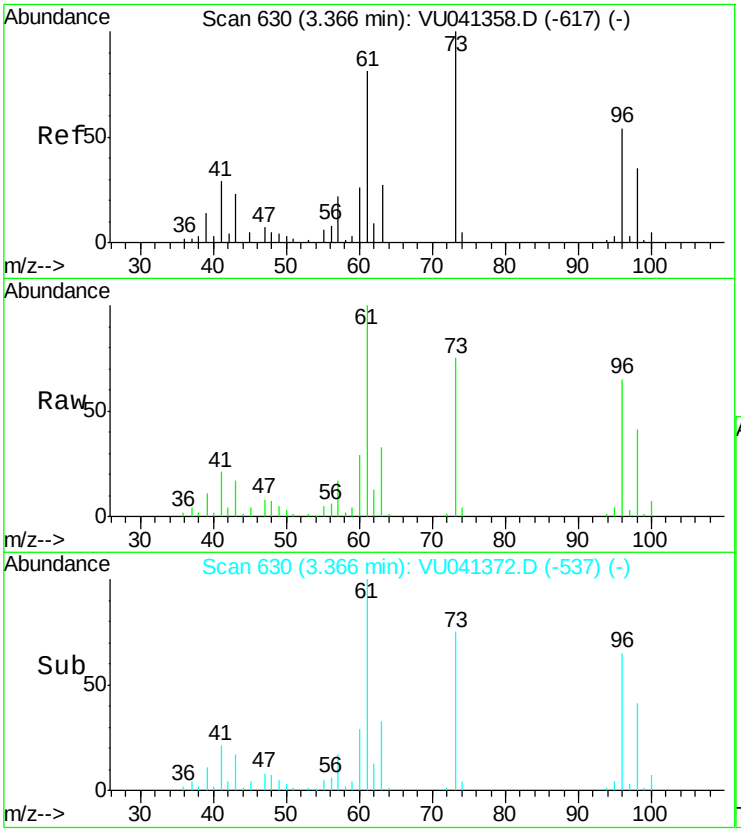


#17
Methyl tert-butyl Ether
Concen: 7.832 ug/L
RT: 3.38 min Scan# 634
Delta R.T. 0.00 min
Lab File: VU041372.D
Acq: 20 Nov 2020 17:15

Tgt Ion: 73 Resp: 81278

Ion	Ratio	Lower	Upper
73	100		
43	22.9	18.5	27.7
57	22.5	18.4	27.6



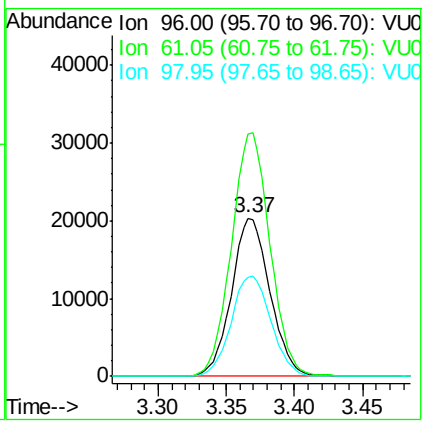


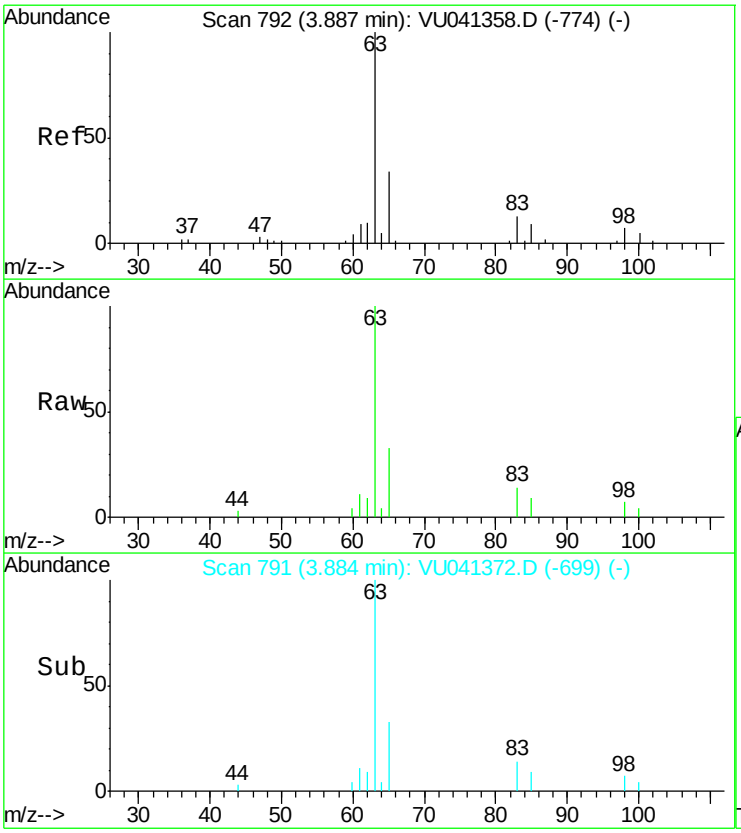
#18
trans-1,2-Dichloroethene
Concen: 10.785 ug/L
RT: 3.37 min Scan# 630
Delta R.T. 0.00 min
Lab File: VU041372.D
Acq: 20 Nov 2020 17:15

Instrument : MSVOA_U
ClientSampleId : H4407

Tgt Ion: 96 Resp: 39817

Ion	Ratio	Lower	Upper
96	100		
61	153.4	110.9	205.9
98	62.5	45.4	84.2

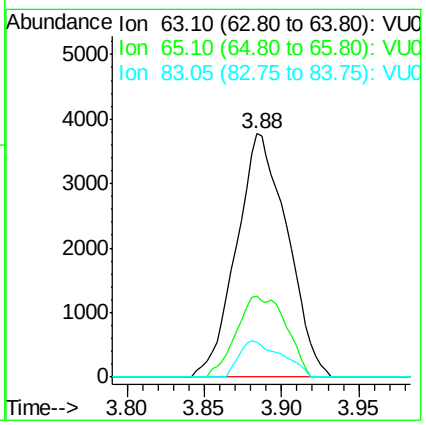


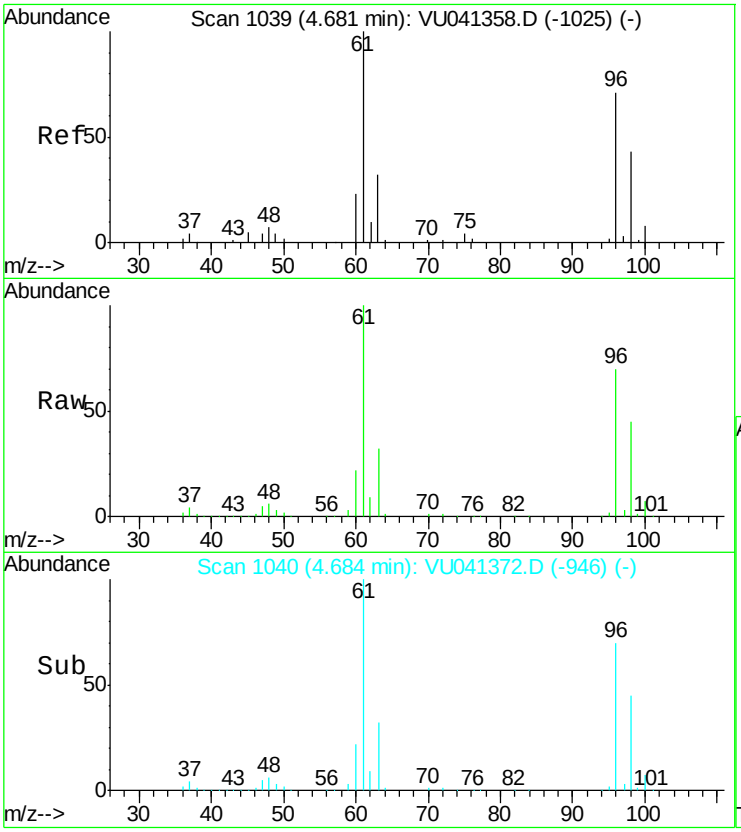


#19
1,1-Dichloroethane
Concen: 1.045 ug/L
RT: 3.88 min Scan# 791
Delta R.T. -0.00 min
Lab File: VU041372.D
Acq: 20 Nov 2020 17:15

Tgt Ion: 63 Resp: 8624

Ion	Ratio	Lower	Upper
63	100		
65	33.3	21.3	39.6
83	14.3	8.8	16.3



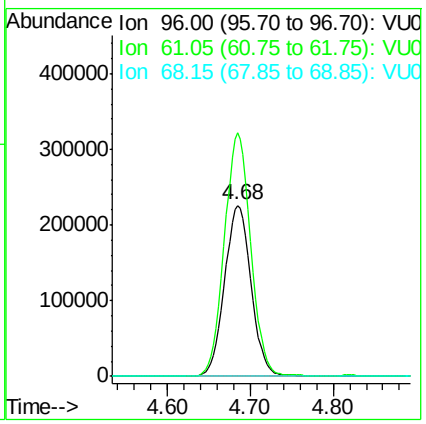


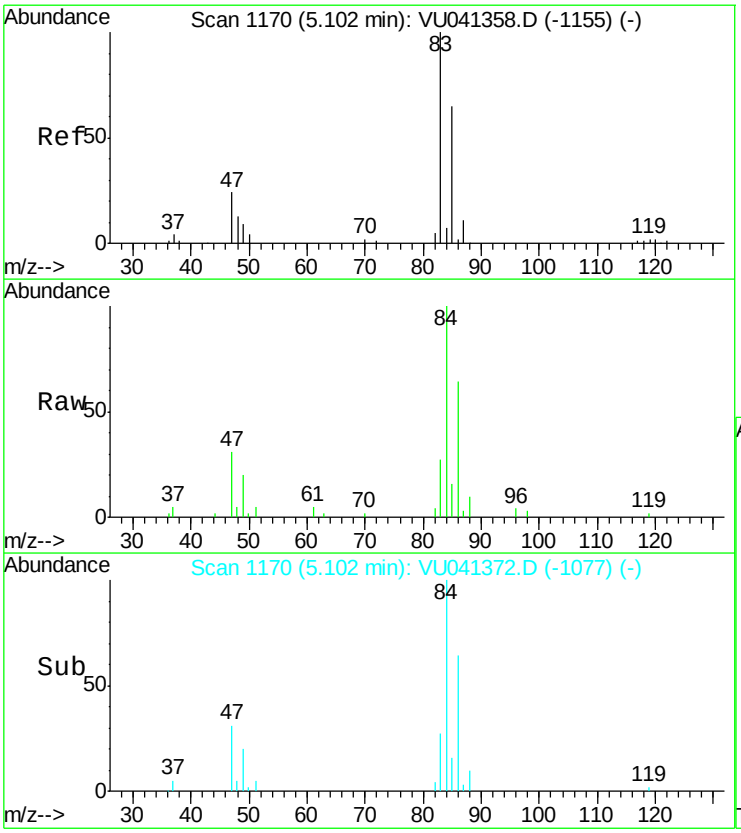
#22
cis-1,2-Dichloroethene
Concen: 120.881 ug/L
RT: 4.68 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VU041372.D
Acq: 20 Nov 2020 17:15

Instrument : MSVOA_U
ClientSampleId : H4407

Tgt Ion: 96 Resp: 504036

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

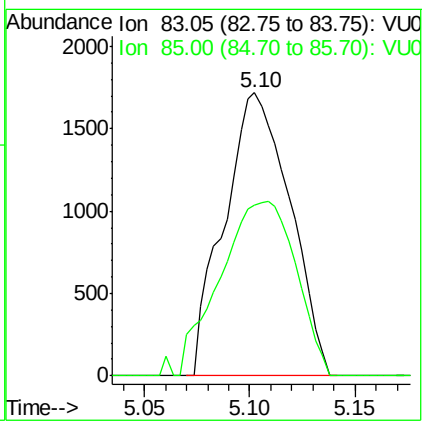


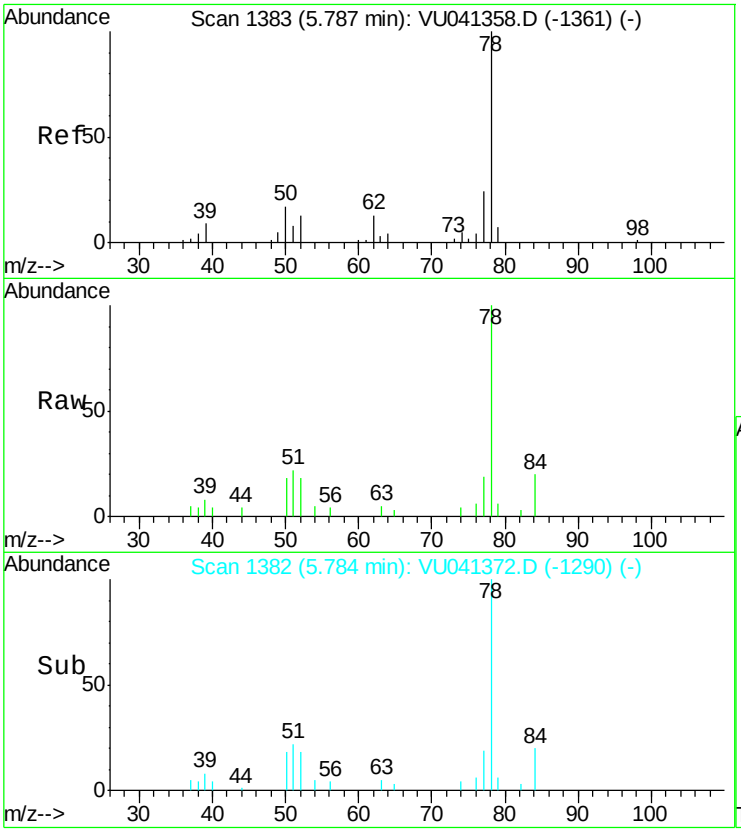


#25
Chloroform
Concen: 0.416 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. 0.00 min
Lab File: VU041372.D
Acq: 20 Nov 2020 17:15

Tgt Ion: 83 Resp: 3722

Ion	Ratio	Lower	Upper
83	100		
85	60.5	46.1	85.7

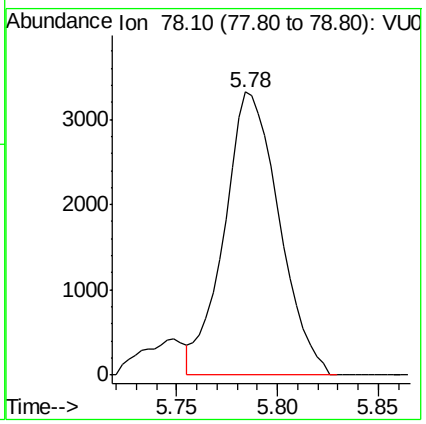


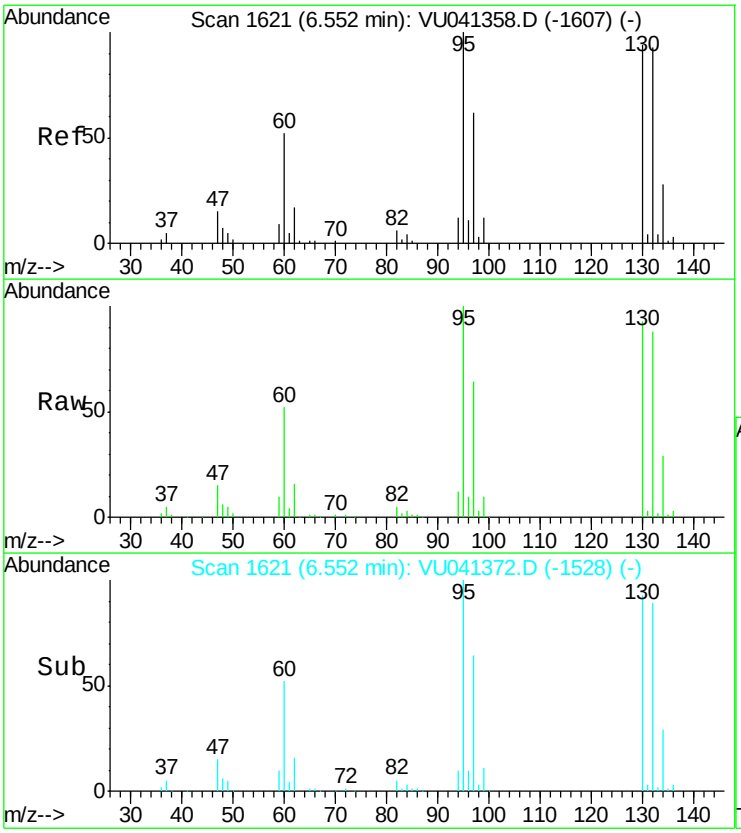


#33
Benzene
Concen: 0.395 ug/L
RT: 5.78 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VU041372.D
Acq: 20 Nov 2020 17:15

Instrument :
MSVOA_U
ClientSampleId :
H4407

Tgt Ion: 78 Resp: 6316

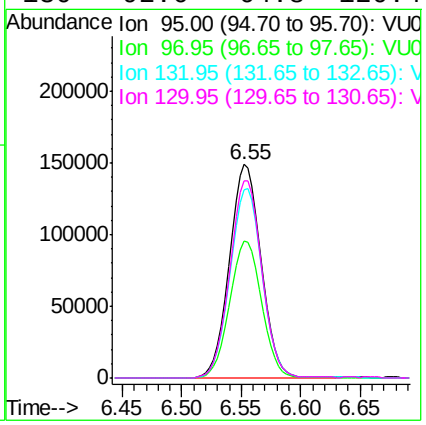


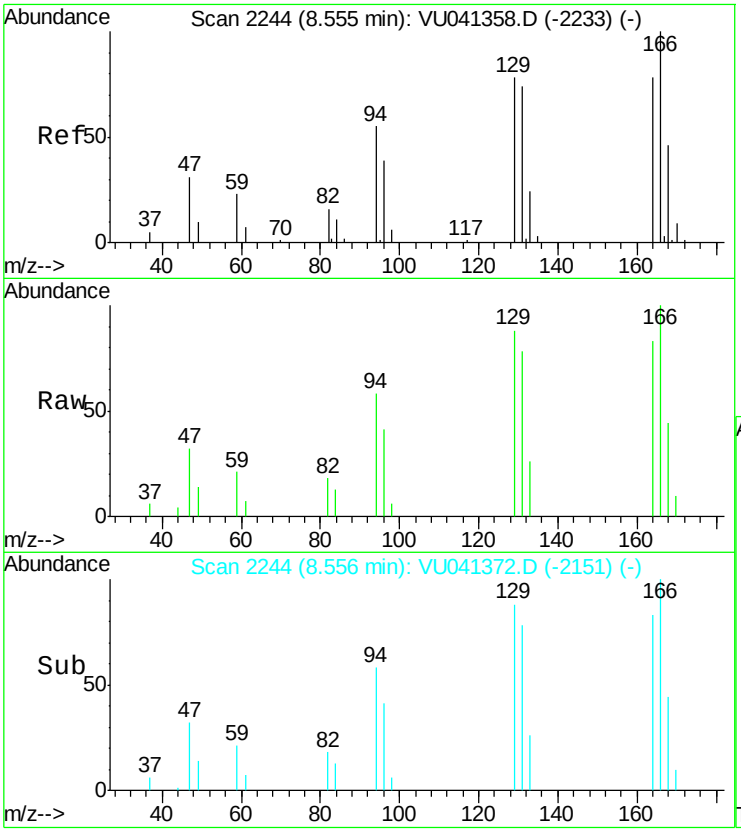


#34
Trichloroethene
Concen: 63.824 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. 0.00 min
Lab File: VU041372.D
Acq: 20 Nov 2020 17:15

Tgt Ion: 95 Resp: 275725

Ion	Ratio	Lower	Upper
95	100		
97	63.9	45.6	84.6
132	88.2	64.8	120.4
130	92.6	64.8	120.4





#47
Tetrachloroethene
Concen: 1.477 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VU041372.D
Acq: 20 Nov 2020 17:15

Instrument :
MSVOA_U
ClientSampleId :
H4407

Tgt Ion:164 Resp: 4715

Ion	Ratio	Lower	Upper
164	100		
129	105.6	70.3	130.7
131	93.9	70.8	131.4
166	120.6	92.0	170.8