

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081420\
 Data File : VV018003.D
 Acq On : 14 Aug 2020 17:49
 Operator : SY/MD
 Sample : L3665-05DL 40X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4L28DL

Quant Time: Aug 17 03:24:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 17 01:31:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	246345	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	242605	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	115357	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	62608	33.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.62%
7) Chloroethane-d5	1.58	69	59275	38.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.10%
11) 1,1-Dichloroethene-d2	2.12	63	101860	28.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.66%#
21) 2-Butanone-d5	3.91	46	119227	96.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.85%
24) Chloroform-d	4.38	84	144768	42.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.62%
26) 1,2-Dichloroethane-d4	5.06	65	99857	44.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.86%
32) Benzene-d6	5.07	84	276238	41.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.64%
36) 1,2-Dichloropropane-d6	6.09	67	95453	43.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.34%
41) Toluene-d8	7.34	98	236373	39.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.62%#
43) trans-1,3-Dichloropropene-	7.64	79	41668	42.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.06%
47) 2-Hexanone-d5	8.11	63	56695	80.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.82%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	127121	44.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.32%
64) 1,2-Dichlorobenzene-d4	11.65	152	109677	48.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.62%

Target Compounds

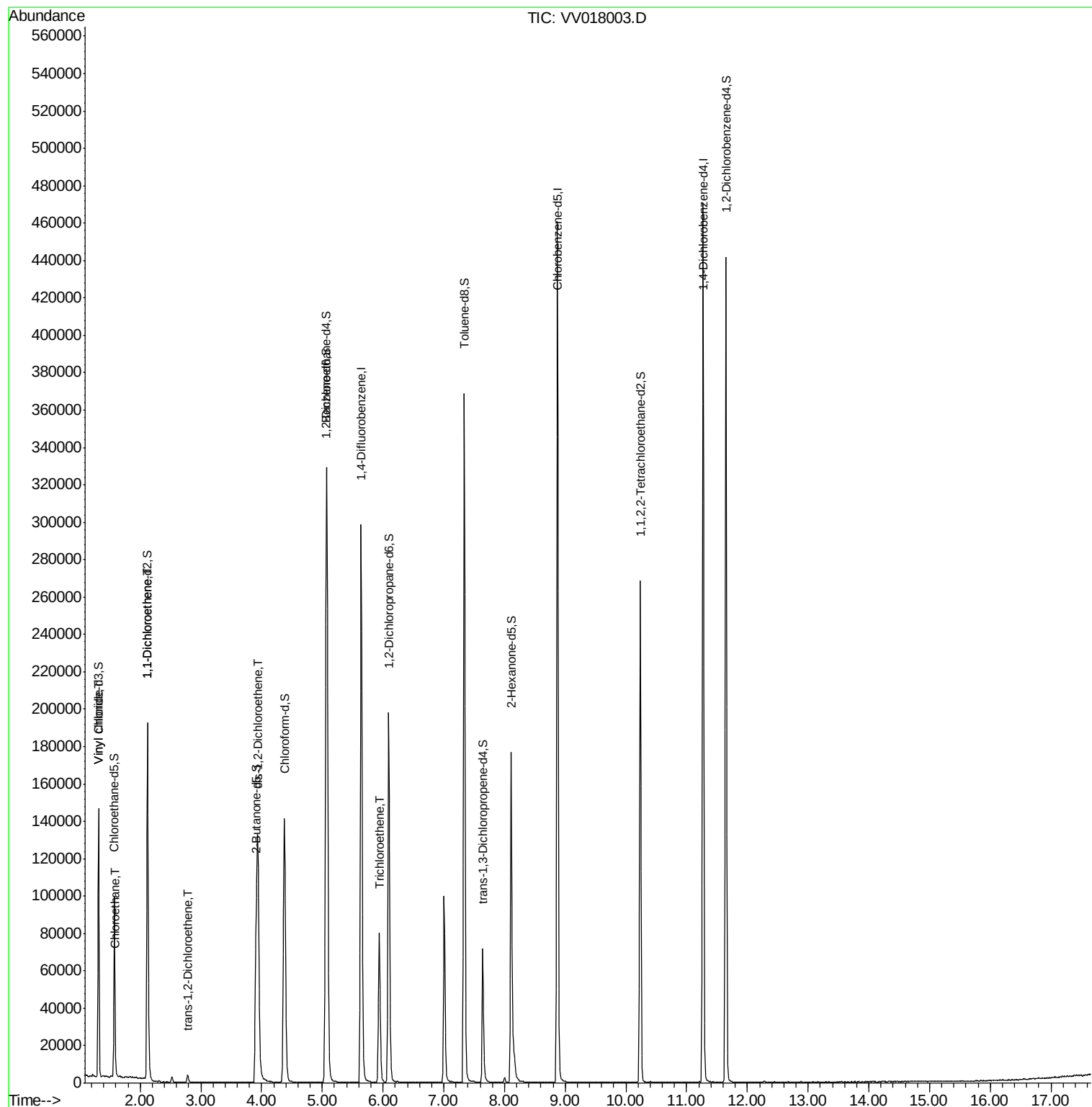
					Ovalue
5) Vinyl chloride	1.32	62	27768	12.686	ug/L 93
8) Chloroethane	1.60	64	2291	1.640	ug/L 96
12) 1,1-Dichloroethene	2.13	96	2493	1.509	ug/L # 1
17) trans-1,2-Dichloroethene	2.78	96	1562	0.920	ug/L 89
20) cis-1,2-Dichloroethene	3.94	96	62802	33.644	ug/L 99
34) Trichloroethene	5.94	95	25046	12.624	ug/L 97

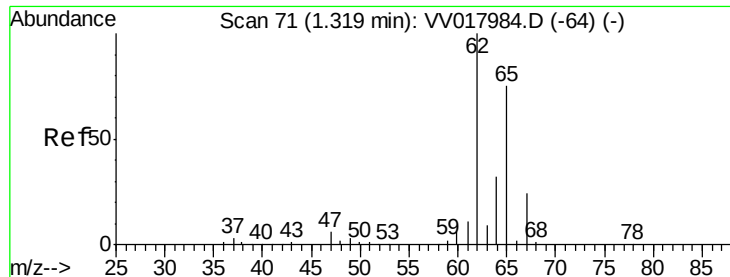
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 17 01:31:40 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 12.686 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleID :

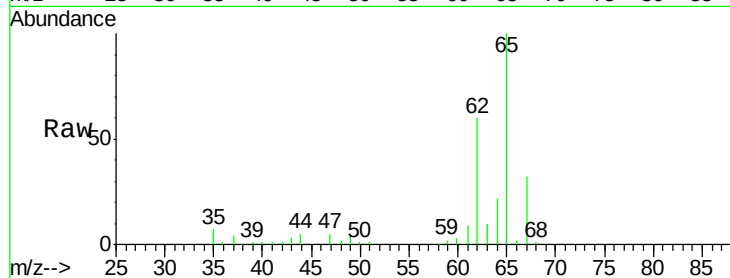
F4L28DL

Tot Ion: 62 Resp: 27768

Ion Ratio Lower Upper

62 100

64 35.7 22.4 41.6



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0

1.32

30000

25000

20000

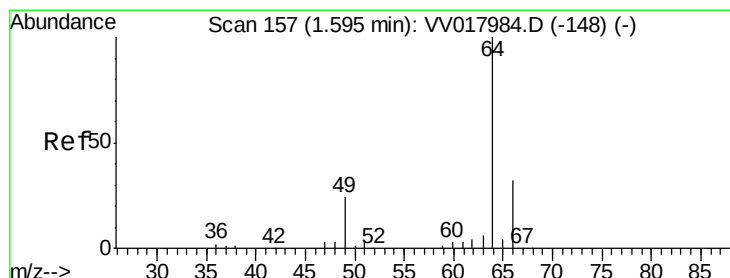
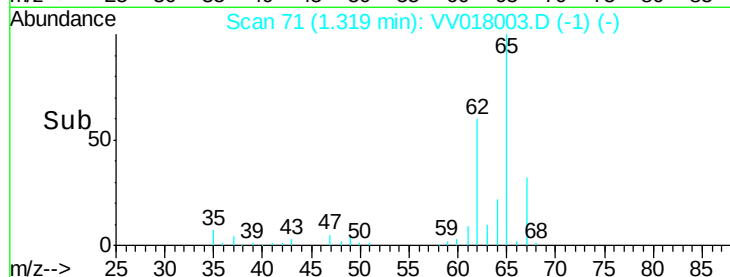
15000

10000

5000

0

Time-->



#8

Chloroethane

Concen: 1.640 ug/L

RT: 1.60 min Scan# 157

Delta R.T. 0.00 min

Lab File: VV018003.D

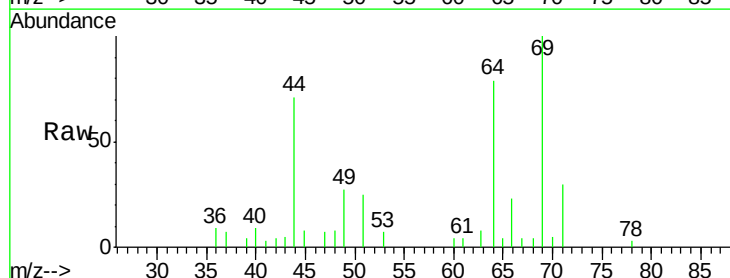
Acq: 14 Aug 2020 17:49

Tgt Ion: 64 Resp: 2291

Ion Ratio Lower Upper

64 100

66 29.4 22.3 41.3



Abundance Ion 64.00 (63.70 to 64.70): VV0

Ion 66.00 (65.70 to 66.70): VV0

1.60

2500

2000

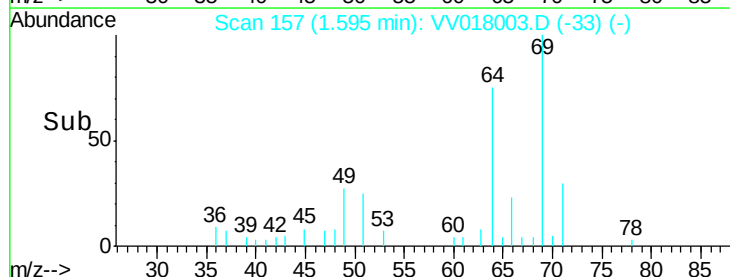
1500

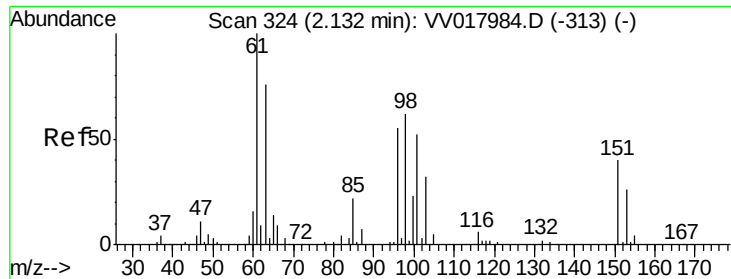
1000

500

0

Time-->

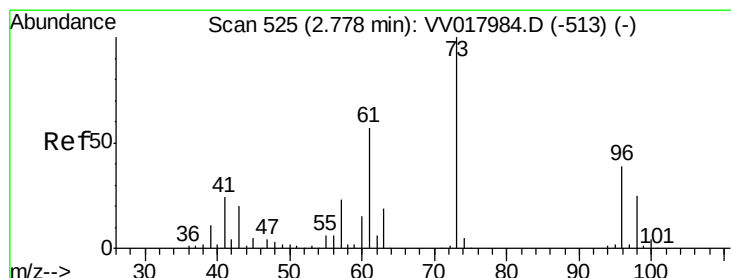
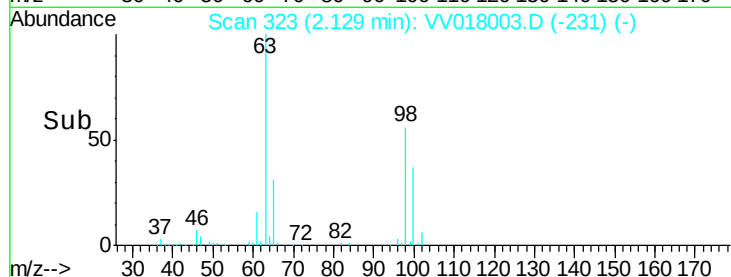
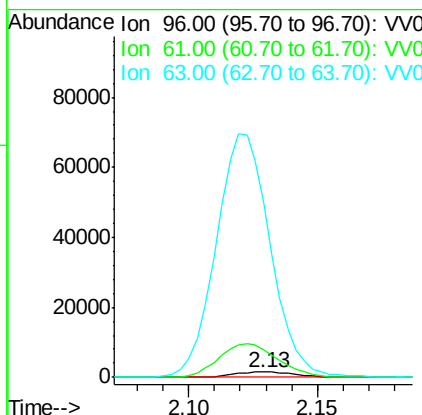
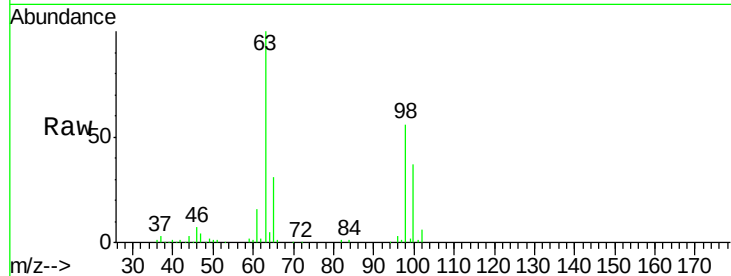




#12
 1,1-Dichloroethene
 Concen: 1.509 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.00 min
 Lab File: VV018003.D
 Acq: 14 Aug 2020 17:49

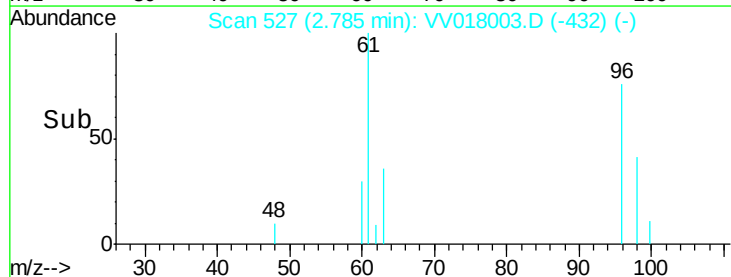
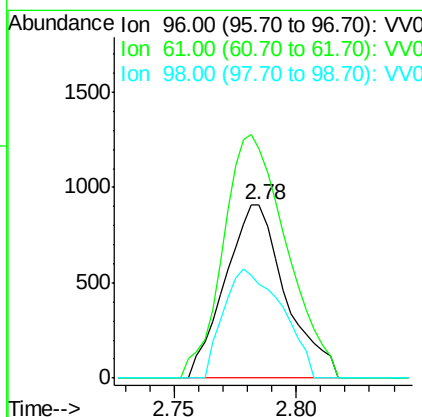
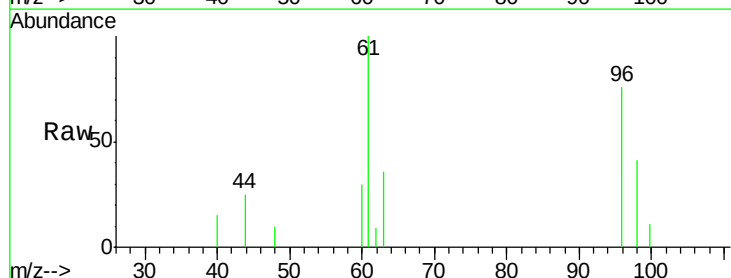
Instrument :
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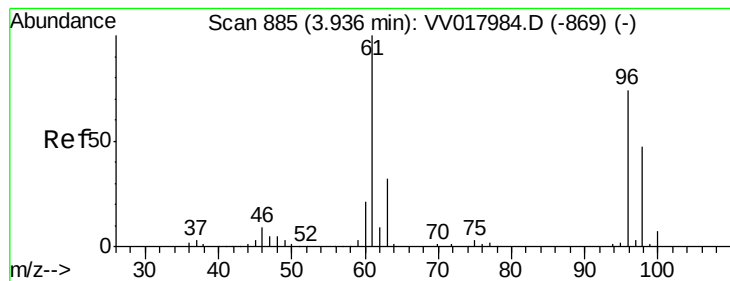
Tot Ion: 96 Resp: 2493
 Ion Ratio Lower Upper
 96 100
 61 547.7 127.1 236.0#
 63 3398.8 95.2 176.8#



#17
 trans-1,2-Dichloroethene
 Concen: 0.920 ug/L
 RT: 2.78 min Scan# 527
 Delta R.T. 0.01 min
 Lab File: VV018003.D
 Acq: 14 Aug 2020 17:49

Tgt Ion: 96 Resp: 1562
 Ion Ratio Lower Upper
 96 100
 61 132.3 102.4 190.2
 98 54.3 44.4 82.5



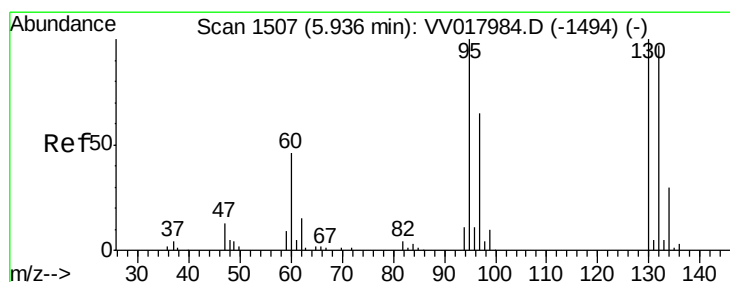
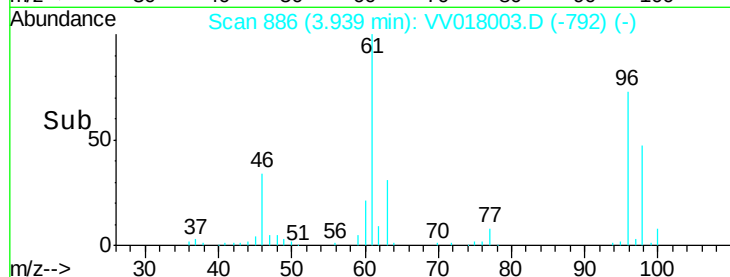
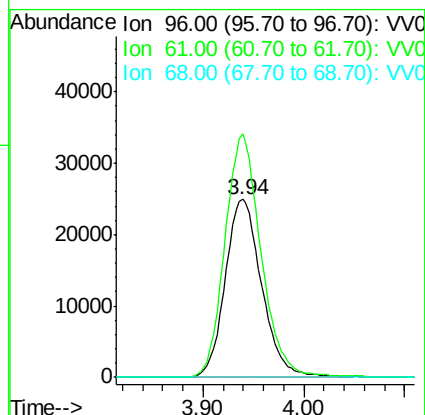
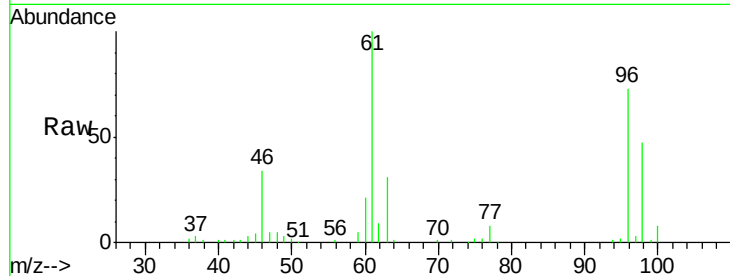


#20

cis-1,2-Dichloroethene
Concen: 33.644 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV018003.D
Acq: 14 Aug 2020 17:49

Instrument :
MSVOA_V
ClientSampleId :
F4L28DL

Tot Ion: 96 Resp: 62802
Ion Ratio Lower Upper
96 100
61 136.8 95.0 176.4
68 0.0 0.0 0.0



#34

Trichloroethene
Concen: 12.624 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV018003.D
Acq: 14 Aug 2020 17:49

Tgt Ion: 95 Resp: 25046
Ion Ratio Lower Upper
95 100
97 65.0 46.0 85.4
132 96.3 65.8 122.2
130 102.8 69.2 128.6

