

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081020\
 Data File : VV017895.D
 Acq On : 10 Aug 2020 13:57
 Operator : SY/MD
 Sample : L3608-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 11 02:20:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 11 01:17:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	242122	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	231787	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	119289	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	52315	41.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.68%
7) Chloroethane-d5	1.57	69	48904	46.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.08%
11) 1,1-Dichloroethene-d2	2.12	63	94349	31.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.80%
21) 2-Butanone-d5	3.90	46	77016	98.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.36%
24) Chloroform-d	4.38	84	142664	43.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.02%
26) 1,2-Dichloroethane-d4	5.06	65	108917	45.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.44%
32) Benzene-d6	5.07	84	243554	45.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.09	67	65002	47.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.80%
41) Toluene-d8	7.34	98	236723	44.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	7.64	79	39469	45.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.32%
47) 2-Hexanone-d5	8.11	63	47164	95.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.95%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	96131	45.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.88%
64) 1,2-Dichlorobenzene-d4	11.65	152	116521	47.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.82%

Target Compounds

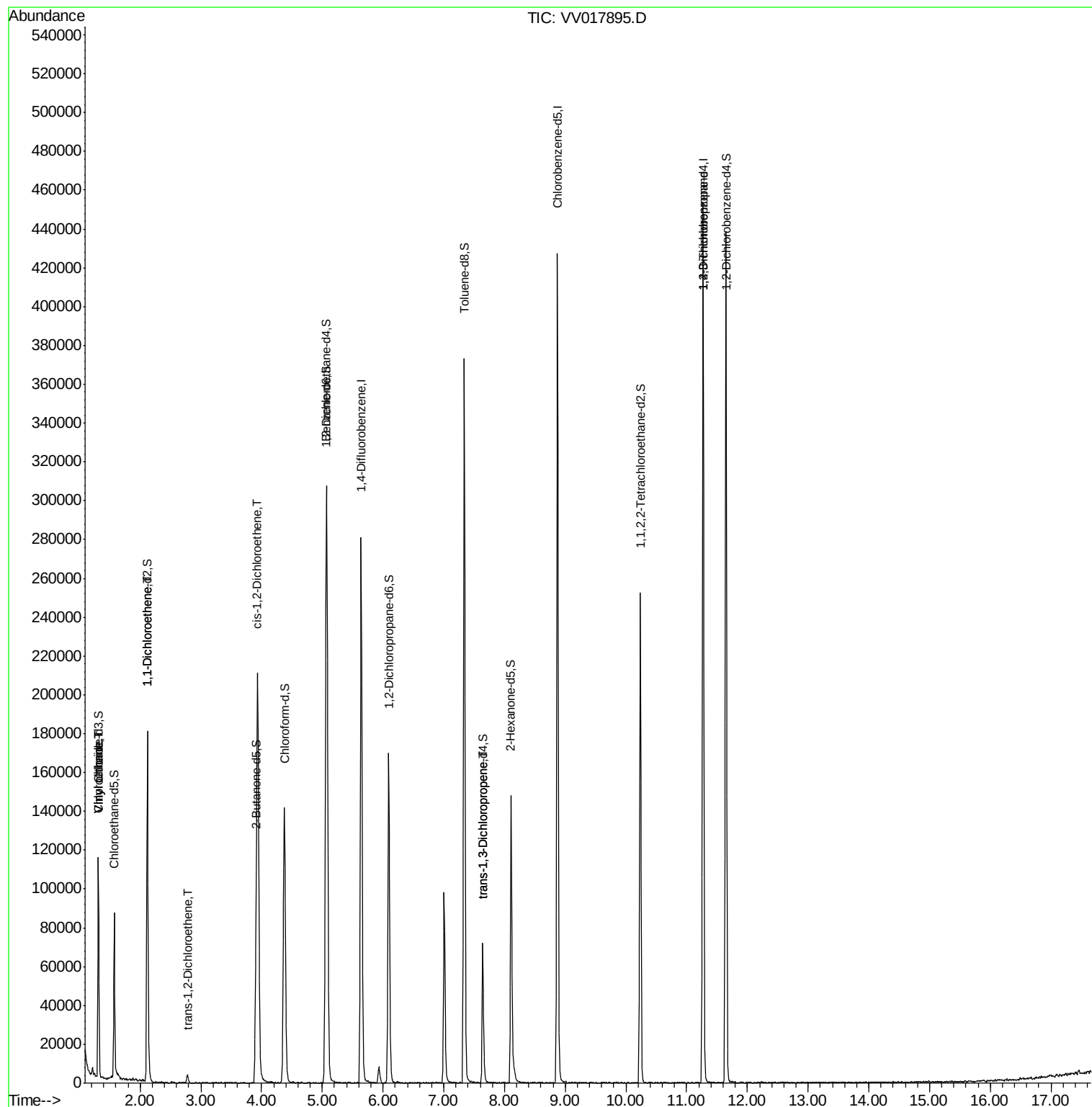
					Ovalue
5) Vinyl chloride	1.32	62	15896	11.236	ug/L 94
8) Chloroethane	1.32	64	6358	7.121	ug/L 90
12) 1,1-Dichloroethene	2.12	96	1229	0.862	ug/L # 1
17) trans-1,2-Dichloroethene	2.78	96	1790	1.229	ug/L 78
20) cis-1,2-Dichloroethene	3.94	96	110705	70.404	ug/L 100
44) trans-1,3-Dichloropropene	7.64	75	2000	0.923	ug/L 84
59) 1,2,3-Trichloropropane	11.27	75	10265	5.561	ug/L # 75

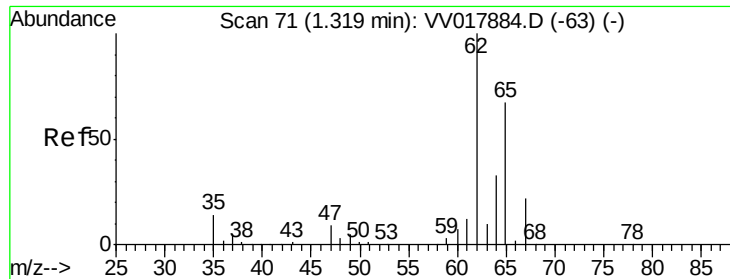
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 11 01:17:50 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 11.236 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV017895.D

Acq: 10 Aug 2020 13:57

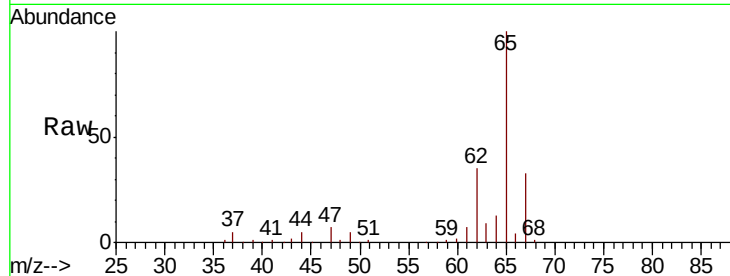
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 62 Resp: 15896

Ion Ratio Lower Upper

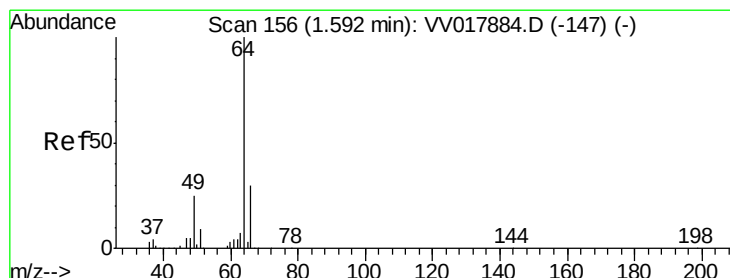
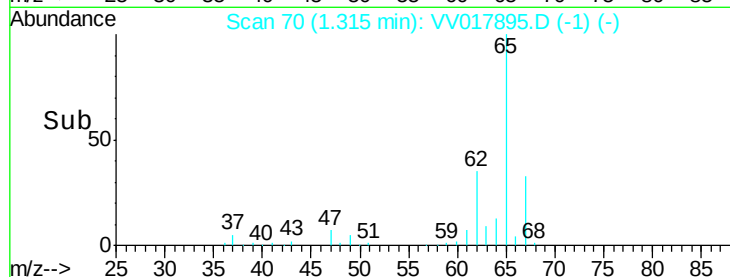
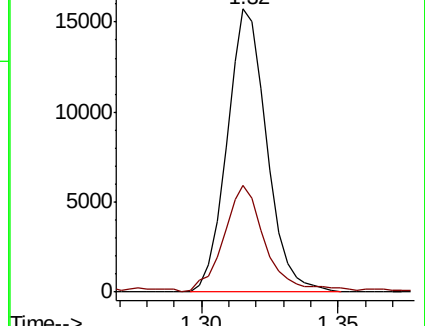
62 100

64 37.8 24.0 44.6



Abundance Ion 62.00 (61.70 to 62.70): VV017884.D (-63) (-)

Ion 64.00 (63.70 to 64.70): VV017884.D (-63) (-)



#8

Chloroethane

Concen: 7.121 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.28 min

Lab File: VV017895.D

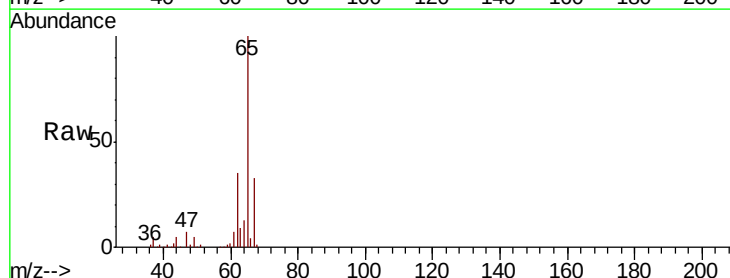
Acq: 10 Aug 2020 13:57

Tgt Ion: 64 Resp: 6358

Ion Ratio Lower Upper

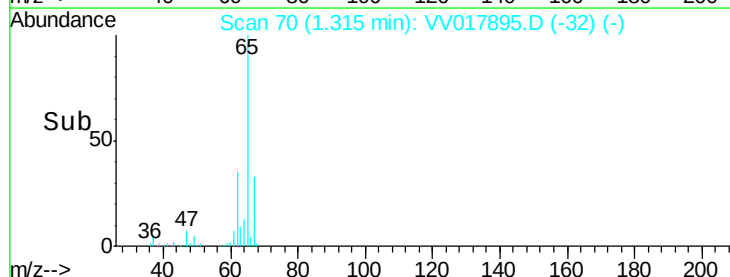
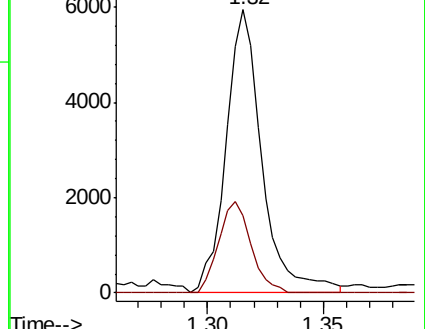
64 100

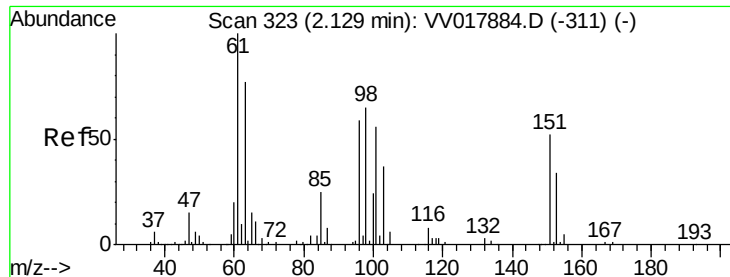
66 27.5 23.1 42.9



Abundance Ion 64.00 (63.70 to 64.70): VV017884.D (-147) (-)

Ion 66.00 (65.70 to 66.70): VV017884.D (-147) (-)

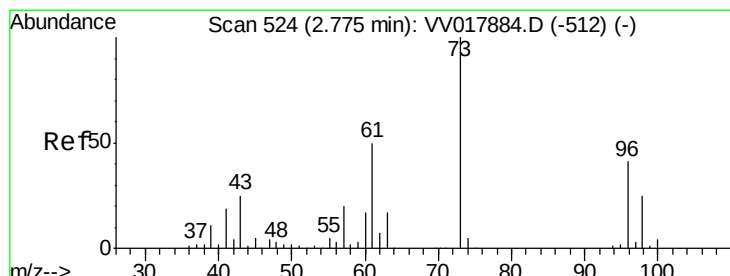
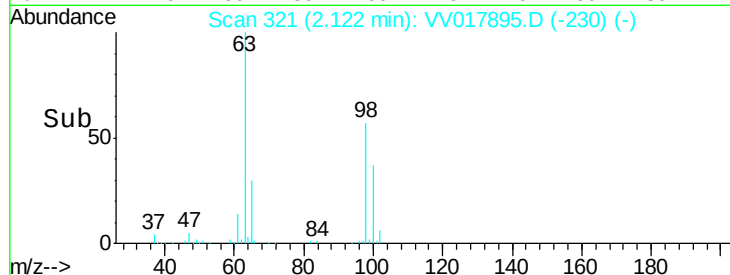
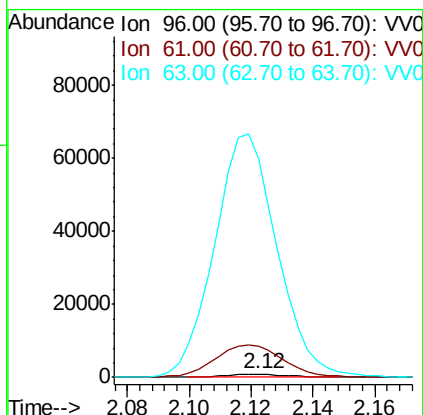
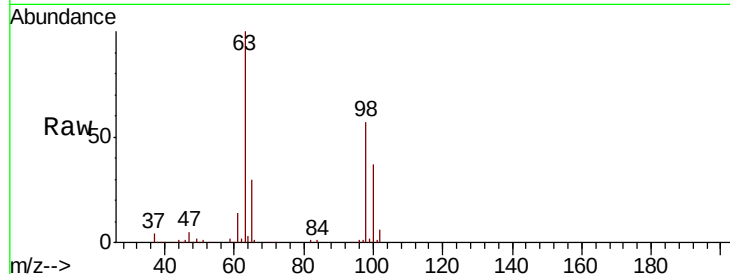




#12
 1,1-Dichloroethene
 Concen: 0.862 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VV017895.D
 Acq: 10 Aug 2020 13:57

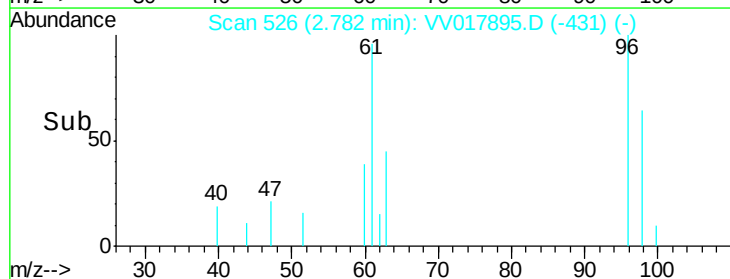
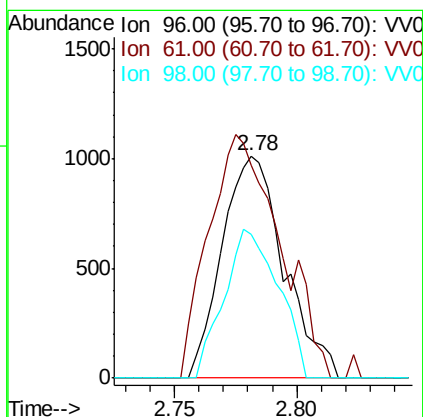
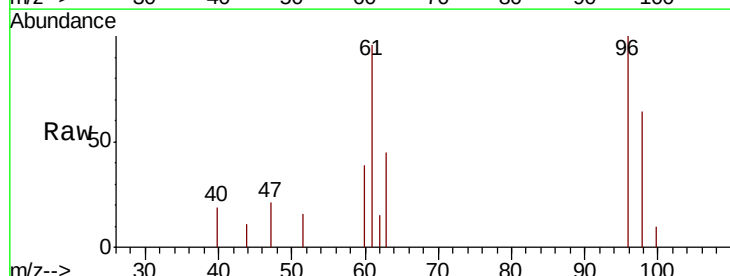
Instrument :
 MSVOA_V
 ClientSampleId :

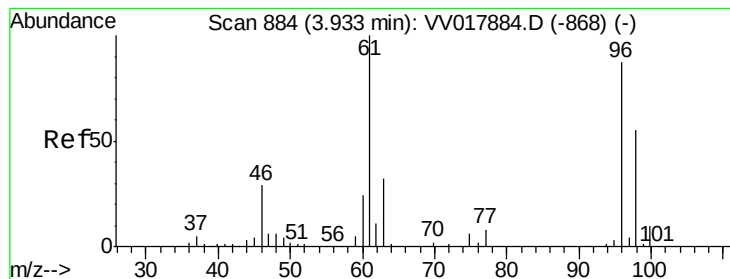
Tot Ion: 96 Resp: 1229
 Ion Ratio Lower Upper
 96 100
 61 1023.4 121.1 224.9#
 63 7221.3 98.1 182.1#



#17
 trans-1,2-Dichloroethene
 Concen: 1.229 ug/L
 RT: 2.78 min Scan# 526
 Delta R.T. 0.01 min
 Lab File: VV017895.D
 Acq: 10 Aug 2020 13:57

Tgt Ion: 96 Resp: 1790
 Ion Ratio Lower Upper
 96 100
 61 95.9 92.4 171.6
 98 64.5 47.5 88.1





#20

cis-1,2-Dichloroethene

Concen: 70.404 ug/L

RT: 3.94 min Scan# 885

Delta R.T. 0.00 min

Lab File: VV017895.D

Acq: 10 Aug 2020 13:57

Instrument :
MSVOA_V
ClientSampleId :

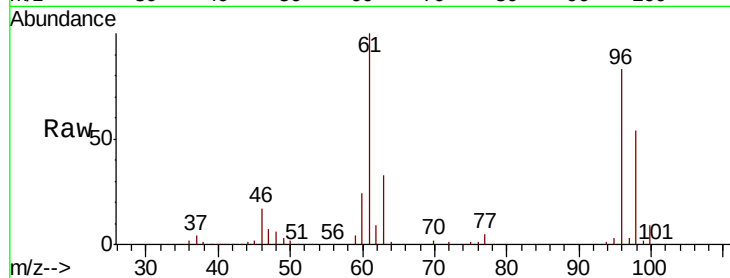
Tot Ion: 96 Resp: 110705

Ion Ratio Lower Upper

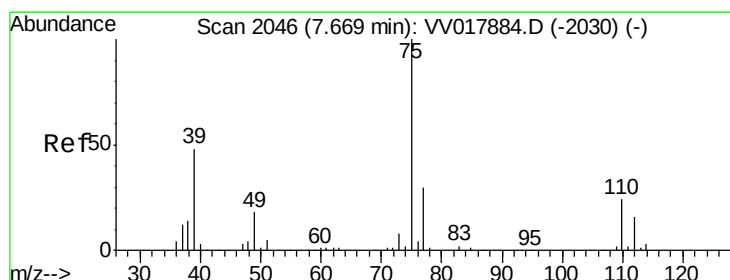
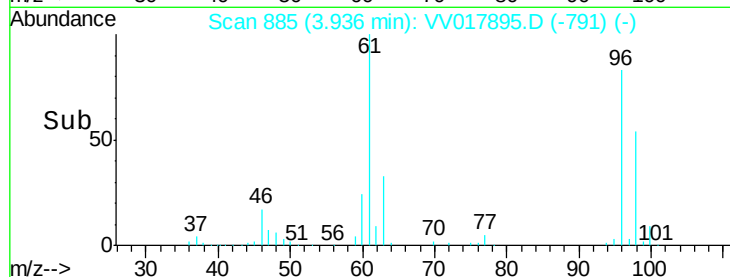
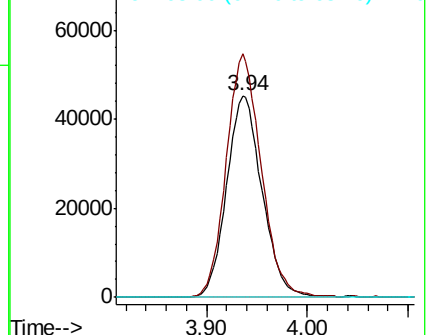
96 100

61 120.7 84.4 156.8

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 68.00 (67.70 to 68.70): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.923 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV017895.D

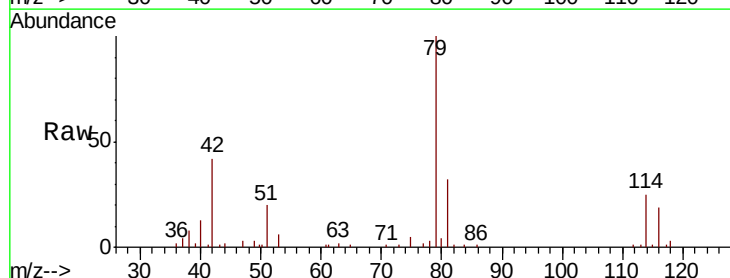
Acq: 10 Aug 2020 13:57

Tgt Ion: 75 Resp: 2000

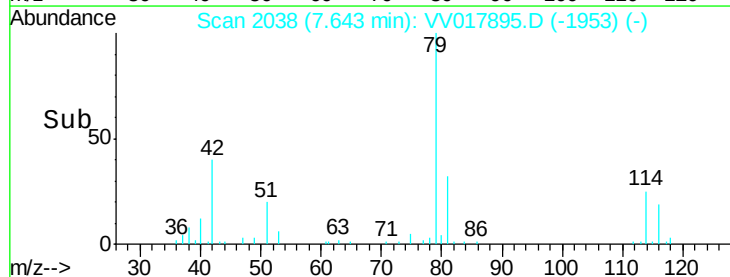
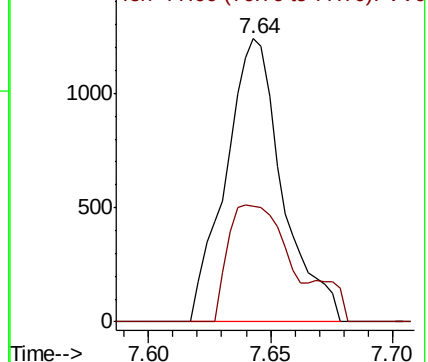
Ion Ratio Lower Upper

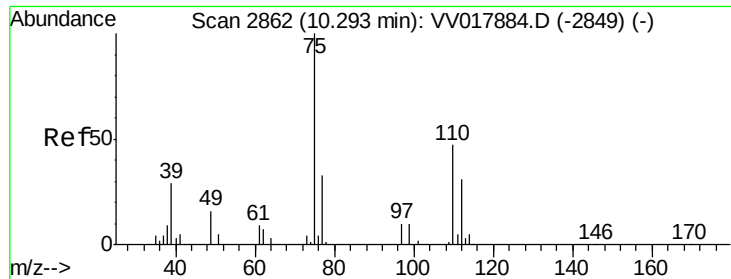
75 100

77 40.8 22.3 41.5



Abundance Ion 75.00 (74.70 to 75.70): VV0
Ion 77.00 (76.70 to 77.70): VV0





#59

1,2,3-Trichloropropane

Concen: 5.561 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV017895.D

Acq: 10 Aug 2020 13:57

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 10265

Ion Ratio Lower Upper

75 100

77 47.0 26.4 39.6#

