

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081020\
 Data File : VV017902.D
 Acq On : 10 Aug 2020 17:40
 Operator : SY/MD
 Sample : L3608-02DL 4X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 11 02:21:38 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	258685	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	245188	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	127401	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	49366	36.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.90%
7) Chloroethane-d5	1.58	69	46858	41.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.58%
11) 1,1-Dichloroethene-d2	2.12	63	92812	28.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.82%#
21) 2-Butanone-d5	3.91	46	79572	95.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.12%
24) Chloroform-d	4.38	84	145509	41.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.08%
26) 1,2-Dichloroethane-d4	5.06	65	111691	43.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.78%
32) Benzene-d6	5.07	84	245940	43.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.88%
36) 1,2-Dichloropropane-d6	6.09	67	64104	44.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.30%
41) Toluene-d8	7.34	98	238119	41.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.68%
43) trans-1,3-Dichloropropene-	7.64	79	41807	45.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.44%
47) 2-Hexanone-d5	8.11	63	46605	89.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.63%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	98008	43.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	117962	45.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.84%

Target Compounds

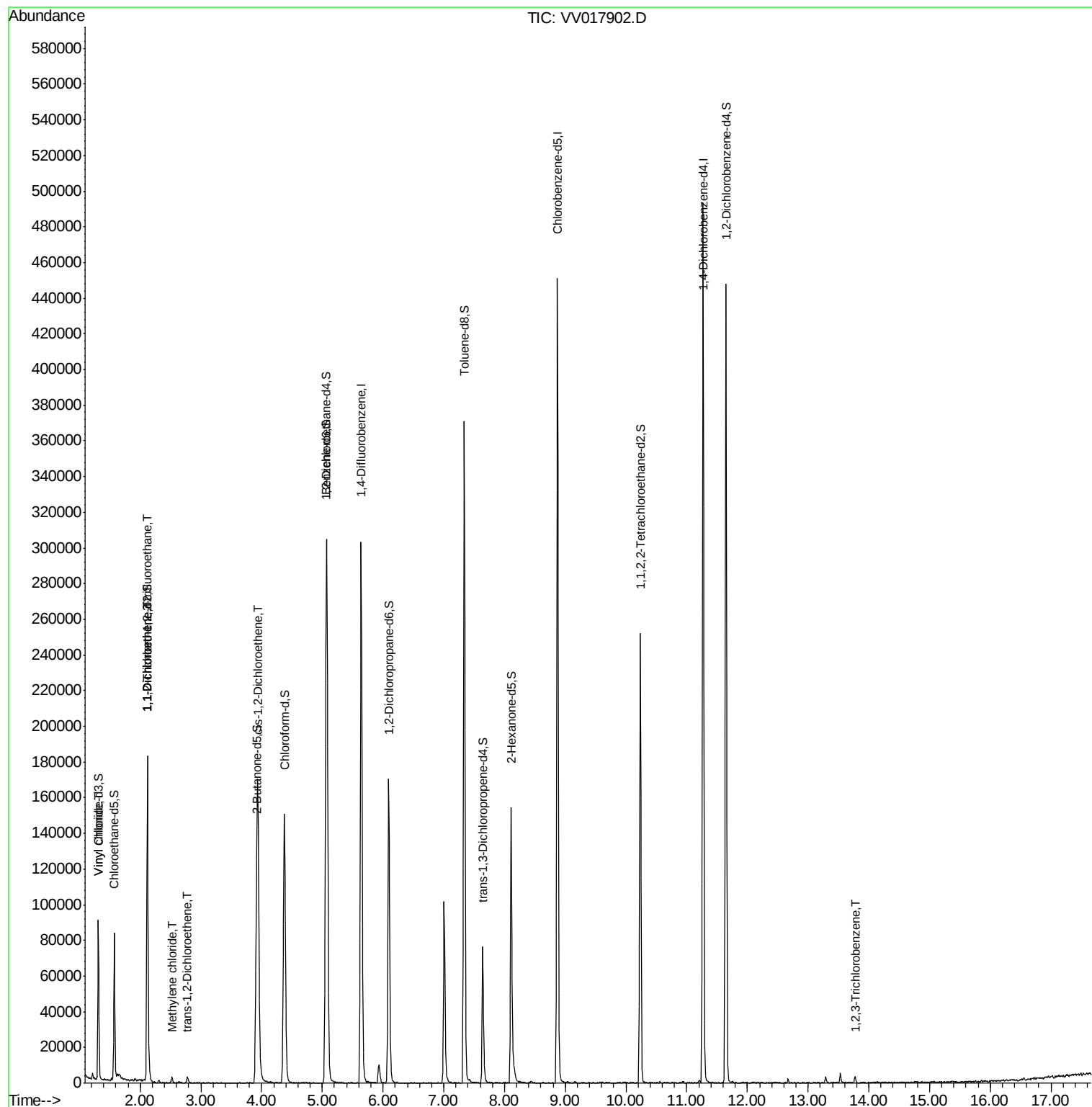
					Ovalue
5) Vinyl chloride	1.32	62	2802	1.854 ug/L #	39
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1124	0.680 ug/L #	19
12) 1,1-Dichloroethene	2.12	96	1206	0.791 ug/L #	1
16) Methylene chloride	2.52	84	1283	0.801 ug/L	87
17) trans-1,2-Dichloroethene	2.78	96	1368	0.879 ug/L	82
20) cis-1,2-Dichloroethene	3.94	96	87063	51.824 ug/L	97
70) 1,2,3-Trichlorobenzene	13.77	180	1264	0.452 ug/L #	81

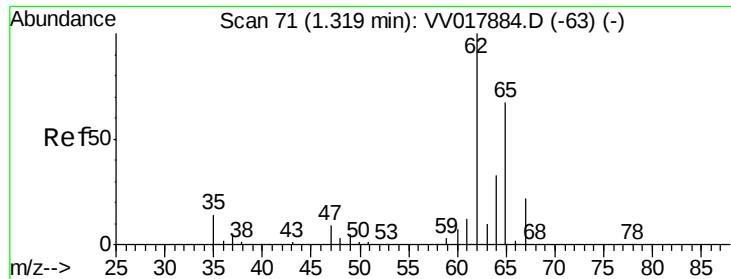
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Aug 11 01:17:50 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.854 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV017902.D

Acq: 10 Aug 2020 17:40

Instrument :

MSVOA_V

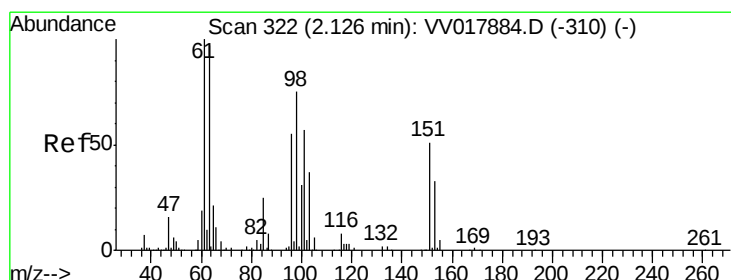
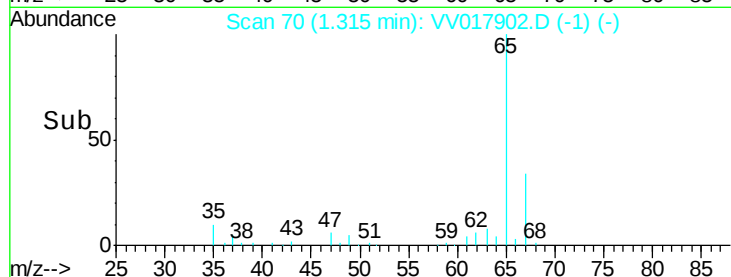
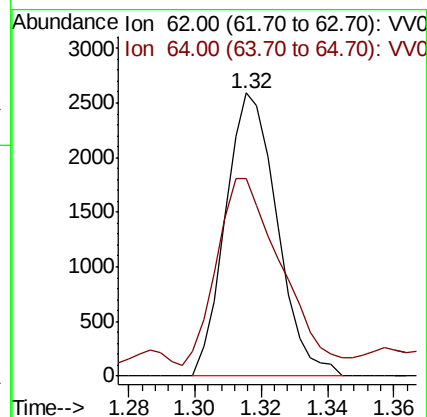
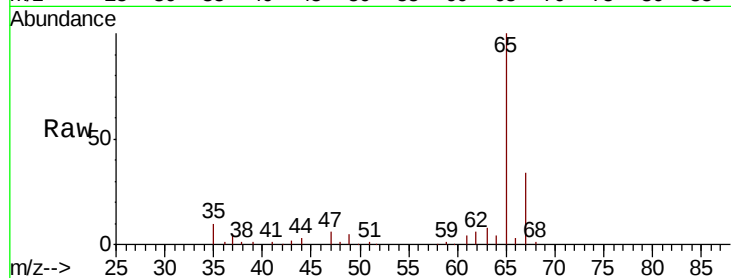
ClientSampled :

Tot Ion: 62 Resp: 2802

Ion Ratio Lower Upper

62 100

64 69.6 24.0 44.6#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.680 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017902.D

Acq: 10 Aug 2020 17:40

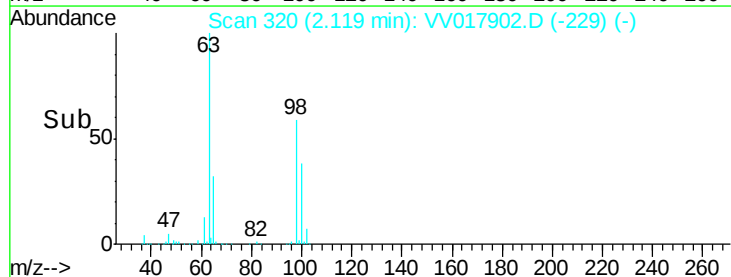
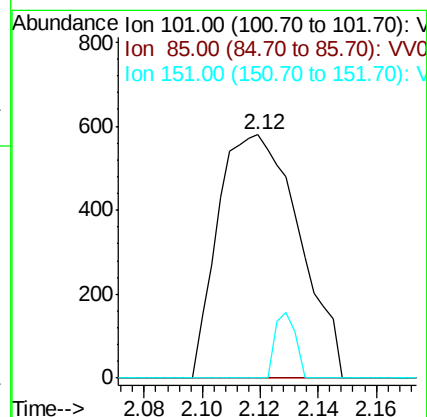
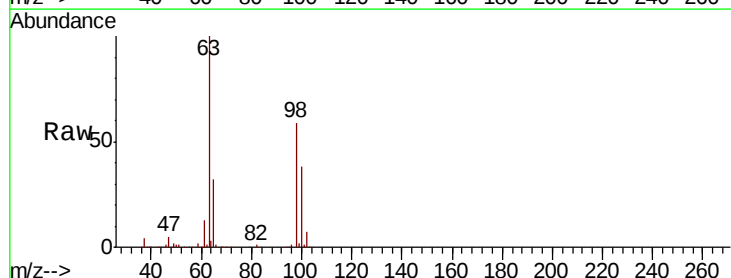
Tgt Ion: 101 Resp: 1124

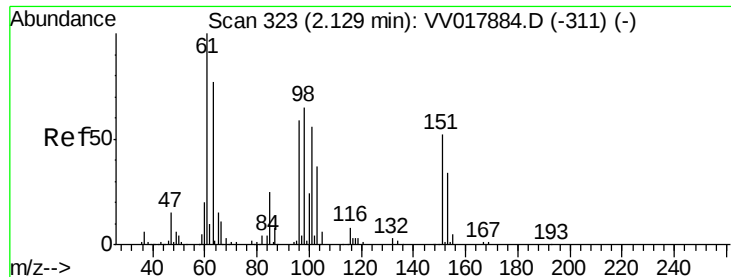
Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.6#

151 6.9 71.0 106.6#





#12

1,1-Dichloroethene

Concen: 0.791 ug/L

RT: 2.12 min Scan# 321

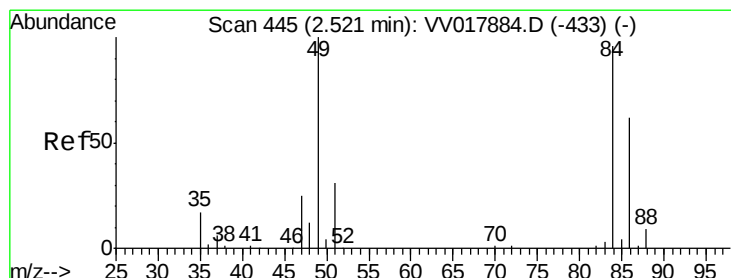
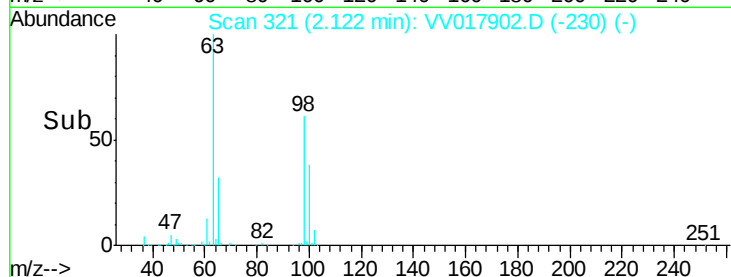
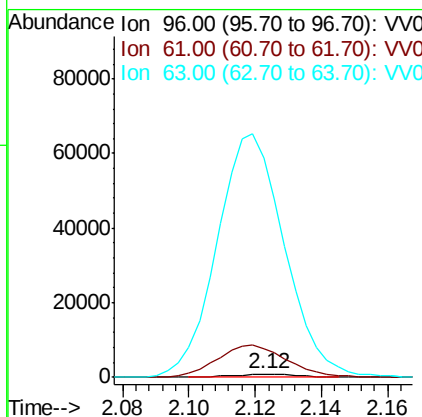
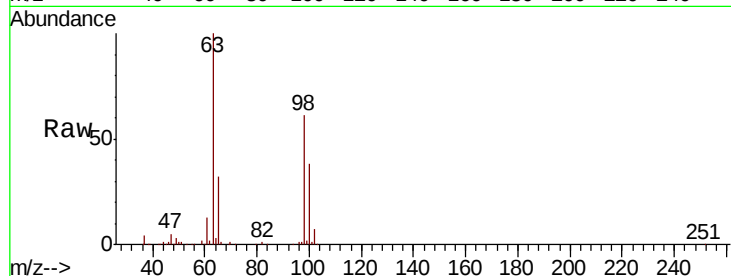
Delta R.T. -0.01 min

Lab File: VV017902.D

Acq: 10 Aug 2020 17:40

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 96 Resp: 1206
Ion Ratio Lower Upper
96 100
61 918.8 121.1 224.9#
63 6923.6 98.1 182.1#



#16

Methylene chloride

Concen: 0.801 ug/L

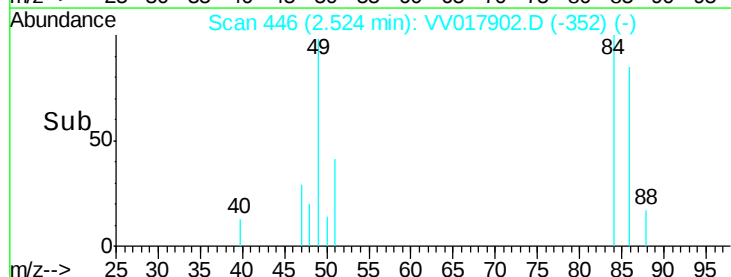
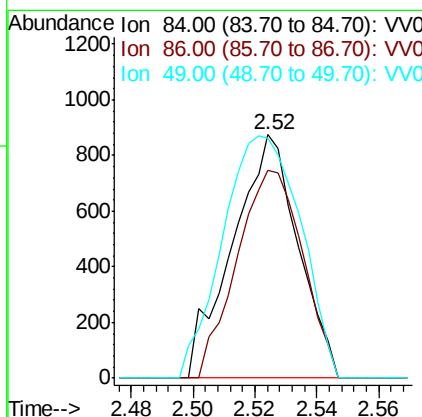
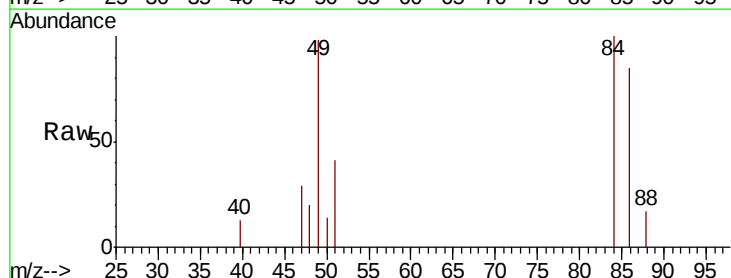
RT: 2.52 min Scan# 446

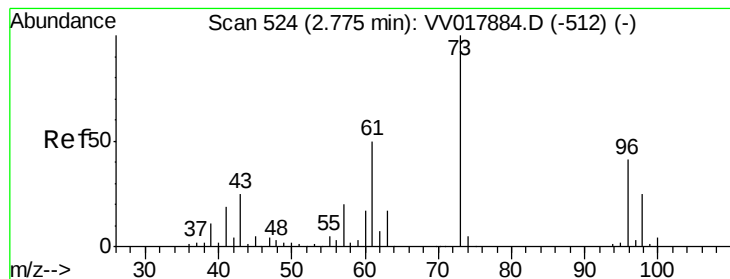
Delta R.T. 0.00 min

Lab File: VV017902.D

Acq: 10 Aug 2020 17:40

Tgt Ion: 84 Resp: 1283
Ion Ratio Lower Upper
84 100
86 85.5 46.2 85.8
49 98.4 73.6 136.6





#17

trans-1,2-Dichloroethene

Concen: 0.879 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV017902.D

Acq: 10 Aug 2020 17:40

Instrument :
MSVOA_V
ClientSampleId :

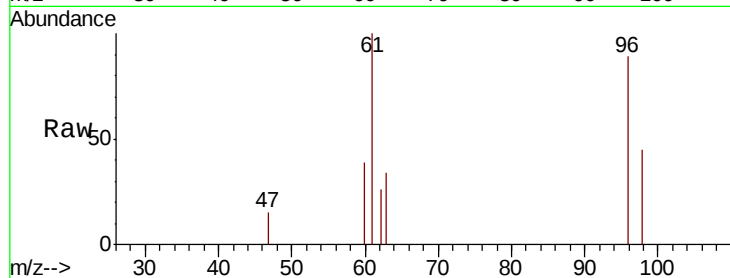
Tot Ion: 96 Resp: 1368

Ion Ratio Lower Upper

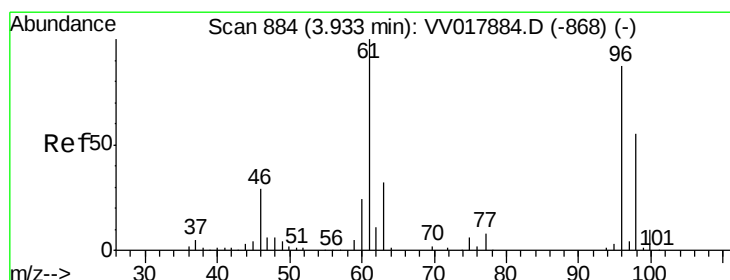
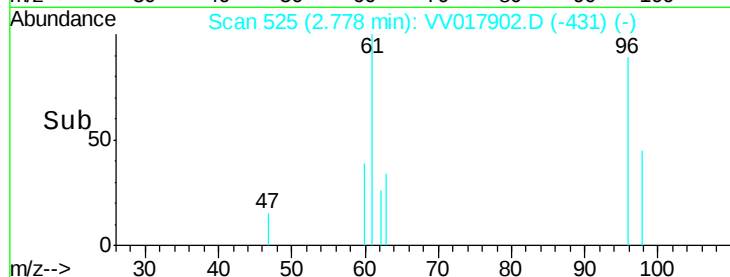
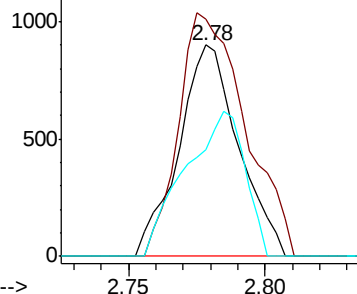
96 100

61 112.2 92.4 171.6

98 50.6 47.5 88.1



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 98.00 (97.70 to 98.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 51.824 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.01 min

Lab File: VV017902.D

Acq: 10 Aug 2020 17:40

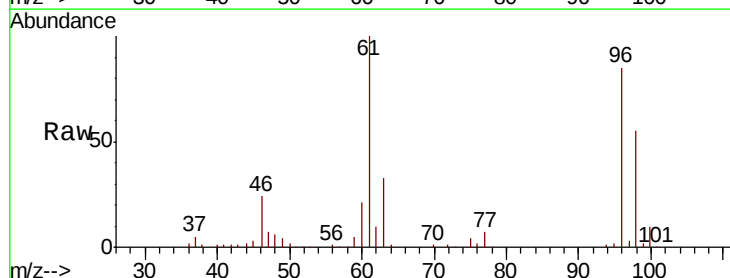
Tgt Ion: 96 Resp: 87063

Ion Ratio Lower Upper

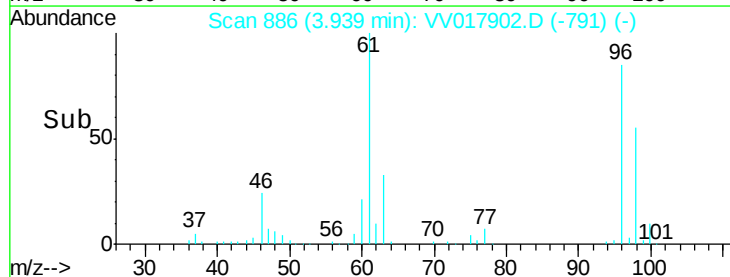
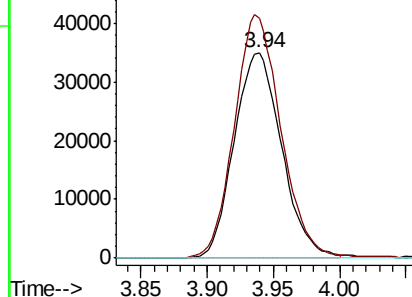
96 100

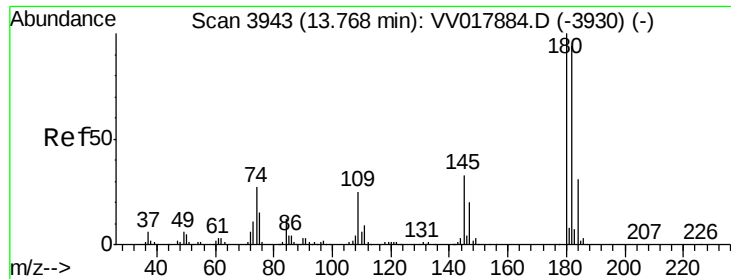
61 117.0 84.4 156.8

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





#70

1,2,3-Trichlorobenzene

Concen: 0.452 ug/L

RT: 13.77 min Scan# 3943

Delta R.T. -0.00 min

Lab File: VV017902.D

Acq: 10 Aug 2020 17:40

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion:180 Resp: 1264

Ion Ratio Lower Upper

180 100

182 111.5 76.7 115.1

145 17.8 26.1 39.1#

