

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121620\
 Data File : VV019676.D
 Acq On : 16 Dec 2020 15:48
 Operator : SY/MD
 Sample : L5062-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B19

Quant Time: Dec 17 01:16:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 17 00:30:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	567444	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	531608	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	238859	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	206248	50.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.38%
7) Chloroethane-d5	1.57	69	168192	52.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.82%
11) 1,1-Dichloroethene-d2	2.11	63	297446	39.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.78%
21) 2-Butanone-d5	3.89	46	285914	129.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	129.28%
24) Chloroform-d	4.35	84	367176	50.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.14%
26) 1,2-Dichloroethane-d4	5.04	65	254797	53.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.34%
32) Benzene-d6	5.05	84	732030	51.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.26%
36) 1,2-Dichloropropane-d6	6.07	67	237127	53.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.78%
41) Toluene-d8	7.32	98	632850	49.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.14%
43) trans-1,3-Dichloropropene-	7.62	79	106766	42.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.52%
47) 2-Hexanone-d5	8.09	63	192433	110.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.40%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	295997	49.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.54%
64) 1,2-Dichlorobenzene-d4	11.63	152	230153	51.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.10%

Target Compounds

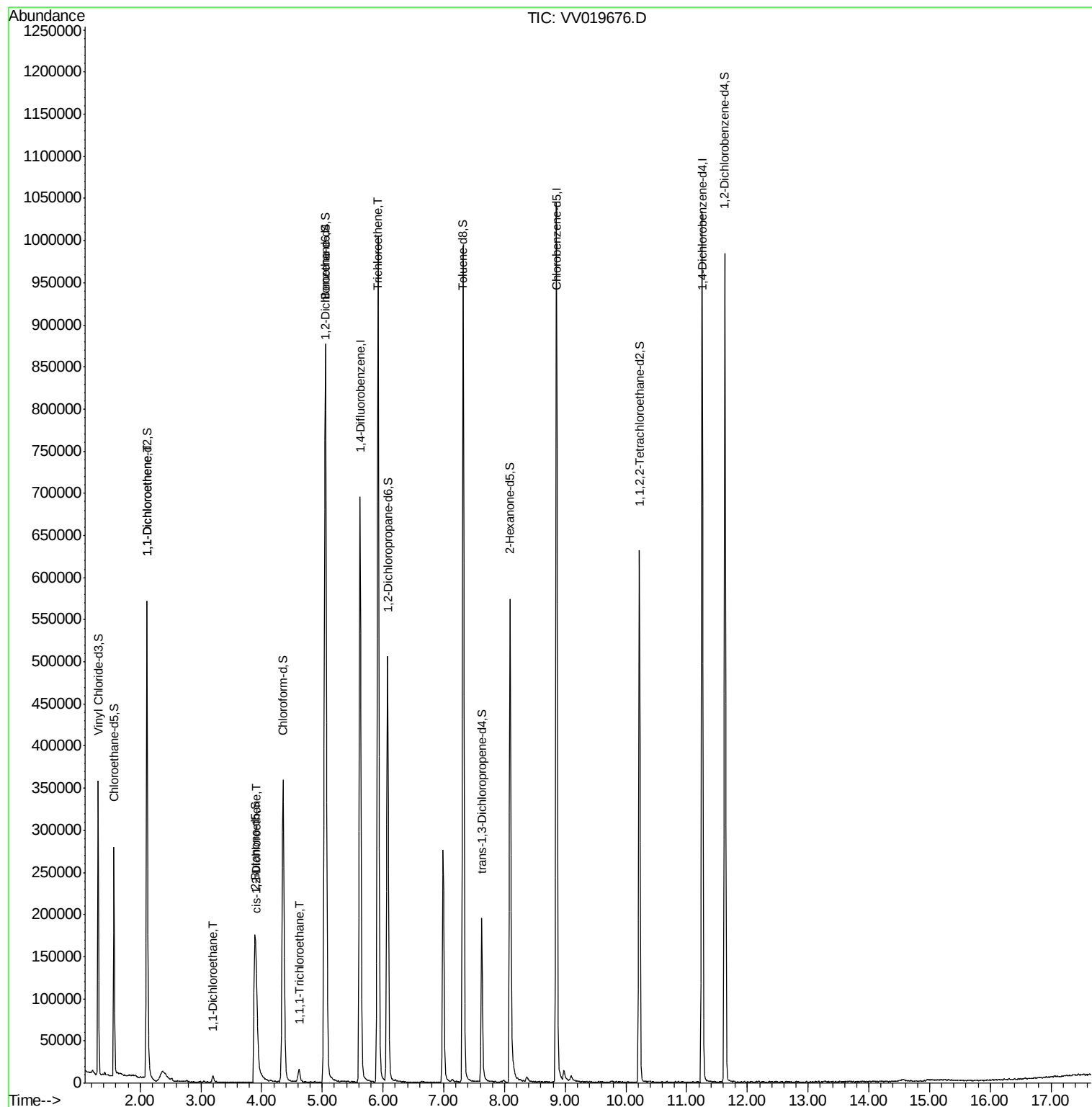
				Ovalue
12) 1,1-Dichloroethene	2.12	96	22722	6.721 ug/L # 1
19) 1,1-Dichloroethane	3.20	63	8214	1.143 ug/L 94
20) cis-1,2-Dichloroethene	3.92	96	29033	7.128 ug/L # 99
30) 1,1,1-Trichloroethane	4.61	97	11932	1.790 ug/L 97
34) Trichloroethene	5.92	95	348063	84.807 ug/L 98

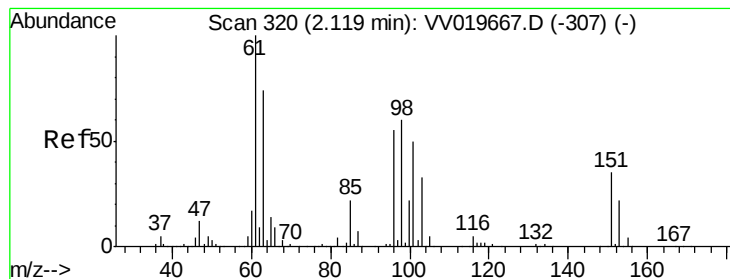
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV121620\
Data File : VV019676.D
Acq On : 16 Dec 2020 15:48
Operator : SY/MD
Sample : L5062-08
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0B19

Quant Time: Dec 17 01:16:09 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 17 00:30:07 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 6.721 ug/L

RT: 2.12 min Scan# 321

Delta R.T. 0.00 min

Lab File: VV019676.D

Acq: 16 Dec 2020 15:48

Instrument :

MSVOA_V

ClientSampleId :

C0B19

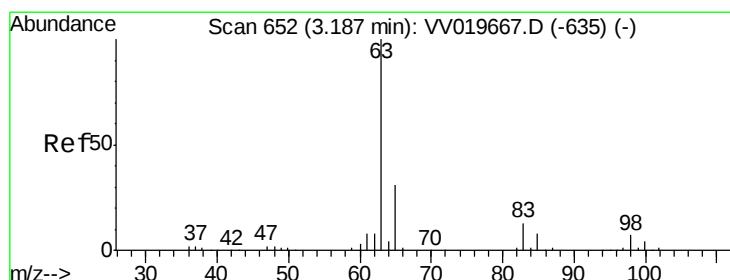
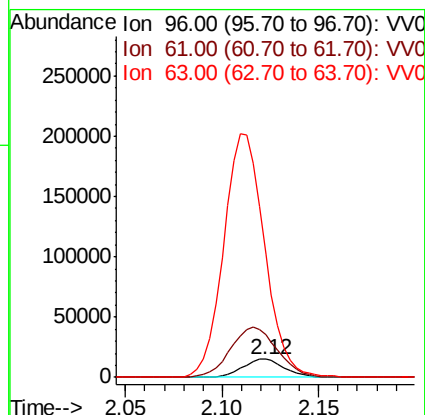
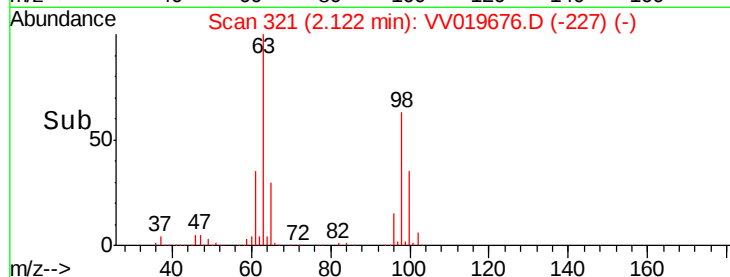
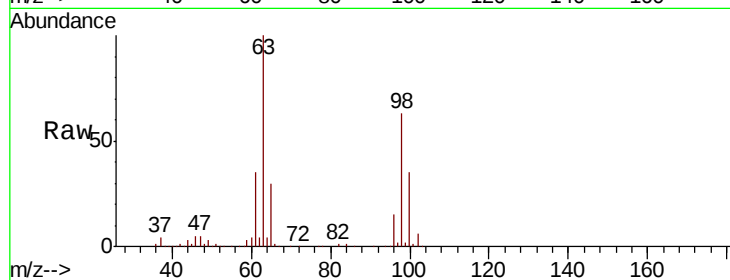
Tot Ion: 96 Resp: 22722

Ion Ratio Lower Upper

96 100

61 236.0 120.7 224.1#

63 676.3 64.3 119.5#



#19

1,1-Dichloroethane

Concen: 1.143 ug/L

RT: 3.20 min Scan# 655

Delta R.T. 0.01 min

Lab File: VV019676.D

Acq: 16 Dec 2020 15:48

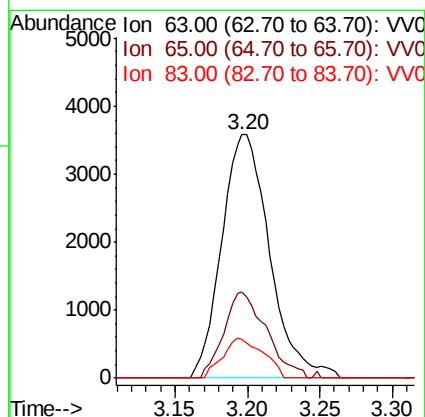
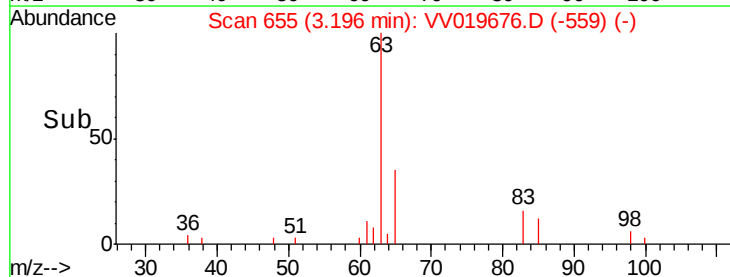
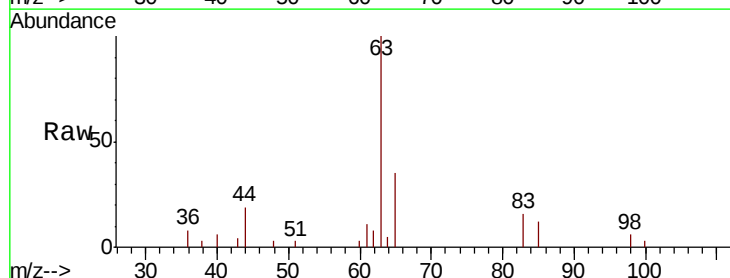
Tgt Ion: 63 Resp: 8214

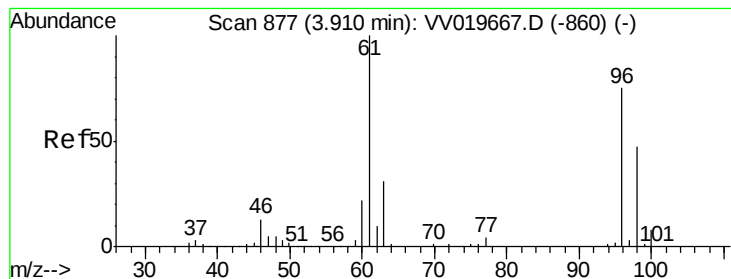
Ion Ratio Lower Upper

63 100

65 35.3 22.4 41.6

83 15.7 9.6 17.8





#20

cis-1,2-Dichloroethene

Concen: 7.128 ug/L

RT: 3.92 min Scan# 880

Delta R.T. 0.01 min

Lab File: VV019676.D

Acq: 16 Dec 2020 15:48

Instrument :

MSVOA_V

ClientSampled :

C0B19

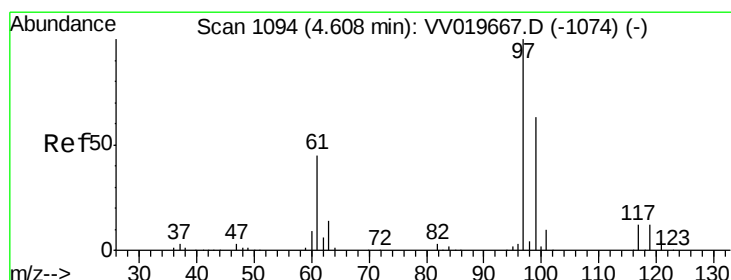
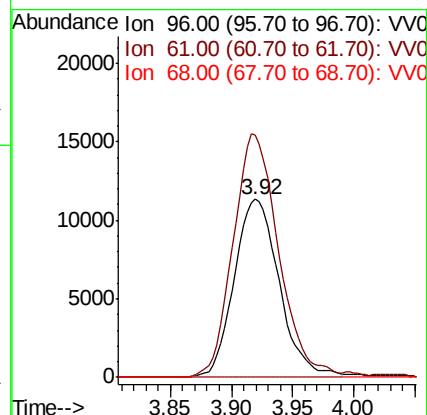
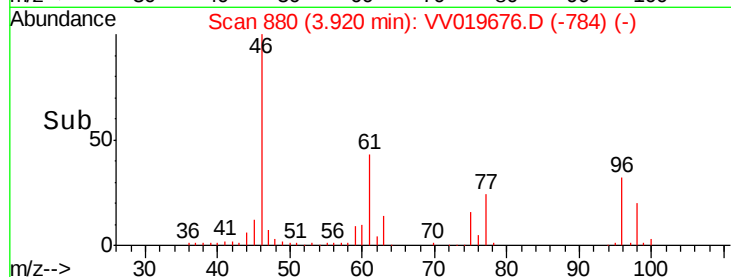
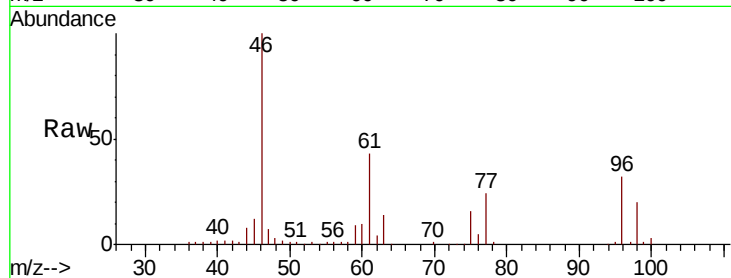
Tot Ion: 96 Resp: 29033

Ion Ratio Lower Upper

96 100

61 136.2 94.1 174.8

68 0.0 0.1 0.1#



#30

1,1,1-Trichloroethane

Concen: 1.790 ug/L

RT: 4.61 min Scan# 1096

Delta R.T. 0.01 min

Lab File: VV019676.D

Acq: 16 Dec 2020 15:48

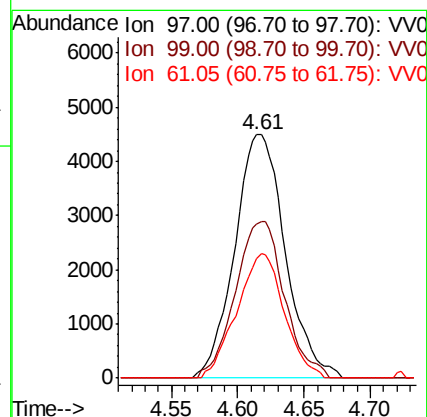
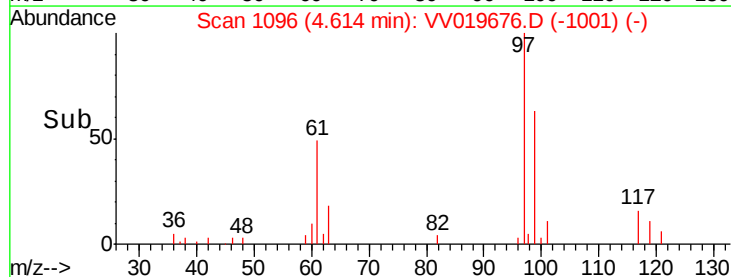
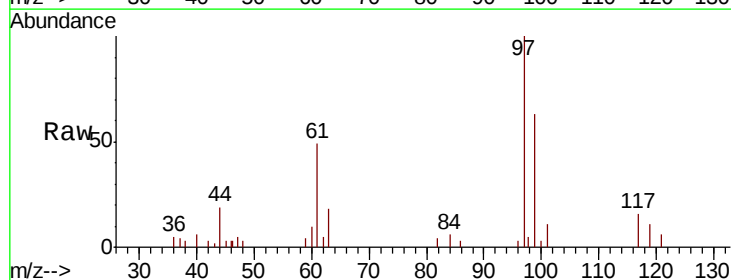
Tgt Ion: 97 Resp: 11932

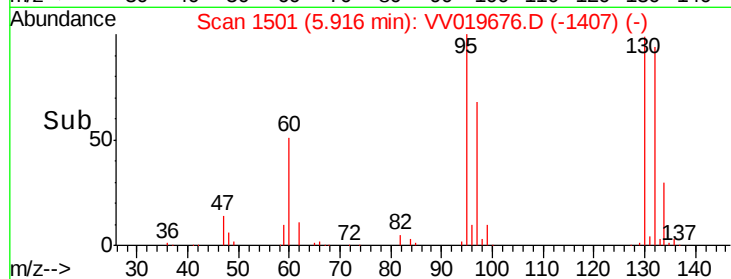
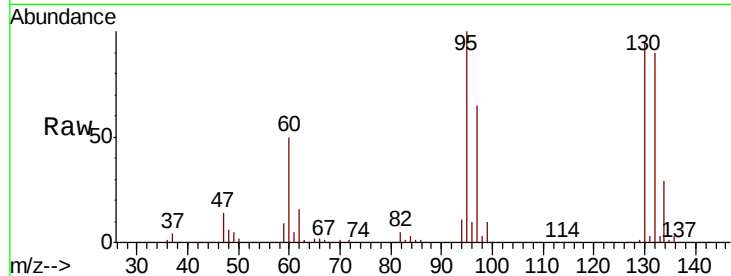
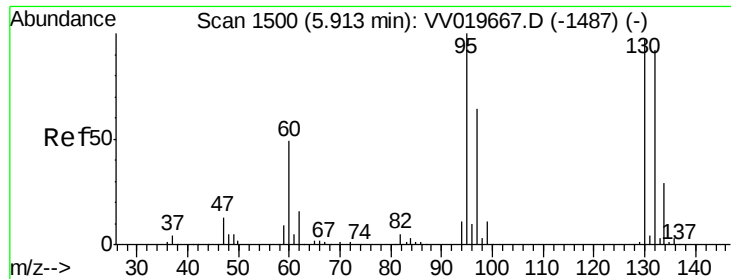
Ion Ratio Lower Upper

97 100

99 62.4 51.3 76.9

61 47.7 36.3 54.5





#34

Trichloroethene

Concen: 84.807 ug/L

RT: 5.92 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VV019676.D

Acq: 16 Dec 2020 15:48

Instrument :

MSVOA_V

ClientSampleId :

C0B19

Tot Ion: 95 Resp: 348063

Ion Ratio Lower Upper

95 100

97 65.1 44.4 82.4

132 90.2 64.3 119.3

130 94.6 67.8 125.8

Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

