

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101320\
 Data File : VV018886.D
 Acq On : 13 Oct 2020 19:00
 Operator : SY/MD
 Sample : L4351-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AJ2

Quant Time: Oct 14 03:34:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 14 01:28:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	331242	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	330335	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	148984	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	114916	38.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.36%
7) Chloroethane-d5	1.58	69	95505	39.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.84%
11) 1,1-Dichloroethene-d2	2.12	63	176631	30.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.88%
21) 2-Butanone-d5	3.90	46	183030	99.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.04%
24) Chloroform-d	4.37	84	224072	42.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.40%
26) 1,2-Dichloroethane-d4	5.05	65	157653	43.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.60%
32) Benzene-d6	5.07	84	444789	41.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.68%
36) 1,2-Dichloropropane-d6	6.09	67	147788	42.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.26%
41) Toluene-d8	7.34	98	392097	41.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.10%
43) trans-1,3-Dichloropropene-	7.64	79	65773	38.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.64%
47) 2-Hexanone-d5	8.11	63	99958	82.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.27%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	163329	40.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.92%
64) 1,2-Dichlorobenzene-d4	11.65	152	155645	47.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

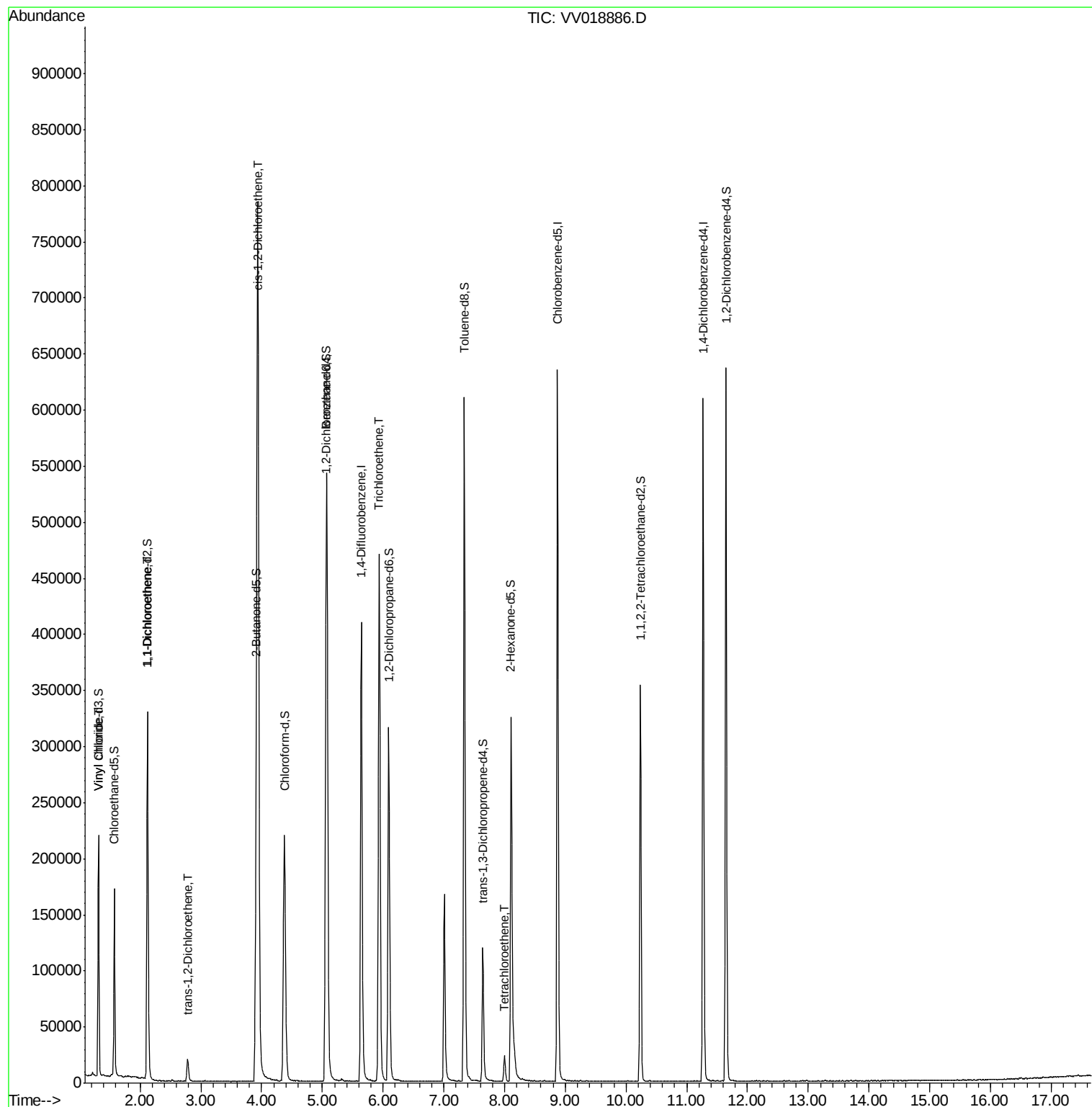
					Ovalue
5) Vinyl chloride	1.32	62	19356	6.618 ug/L	87
12) 1,1-Dichloroethene	2.13	96	7572	3.303 ug/L	# 1
17) trans-1,2-Dichloroethene	2.78	96	5682	2.348 ug/L	94
20) cis-1,2-Dichloroethene	3.94	96	412003	161.100 ug/L	100
34) Trichloroethene	5.94	95	155438	51.533 ug/L	99
46) Tetrachloroethene	8.00	164	5248	2.374 ug/L	96

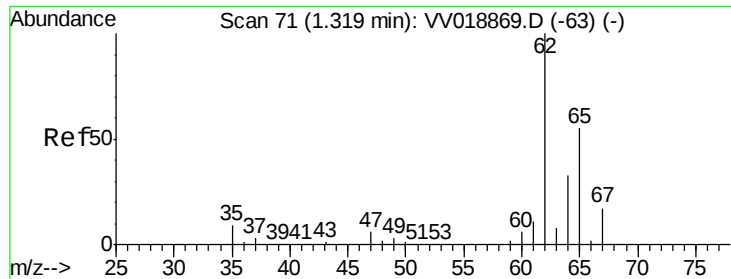
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV101320\
Data File : VV018886.D
Acq On : 13 Oct 2020 19:00
Operator : SY/MD
Sample : L4351-05
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AJ2

Quant Time: Oct 14 03:34:25 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 14 01:28:12 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 6.618 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV018886.D

Acq: 13 Oct 2020 19:00

Instrument :

MSVOA_V

ClientSampleId :

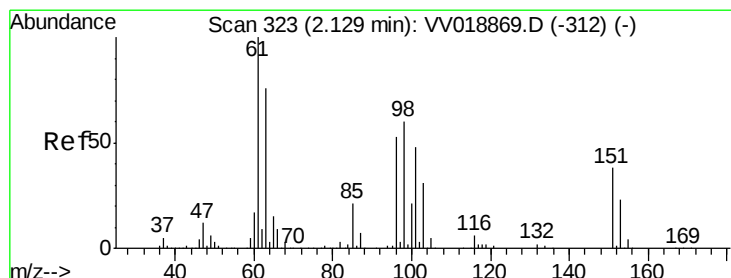
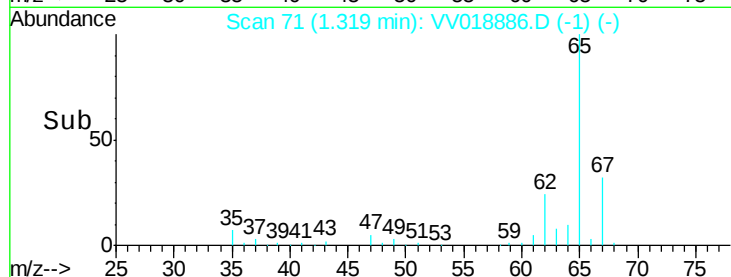
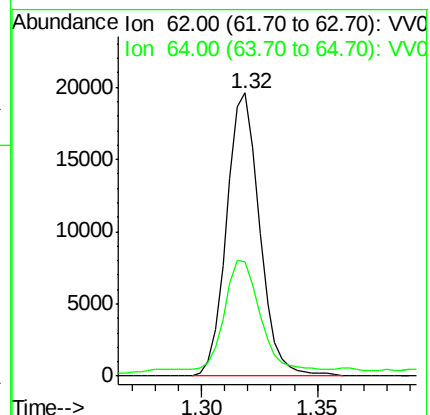
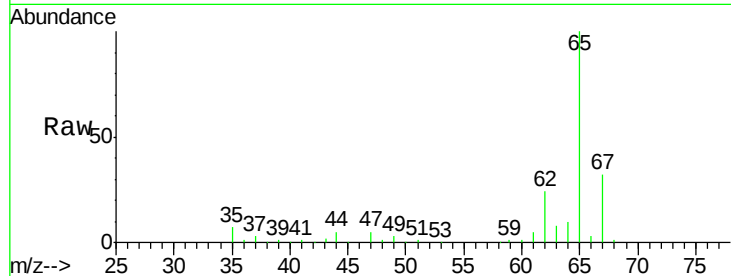
C0AJ2

Tot Ion: 62 Resp: 19356

Ion Ratio Lower Upper

62 100

64 40.6 23.2 43.0



#12

1,1-Dichloroethene

Concen: 3.303 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV018886.D

Acq: 13 Oct 2020 19:00

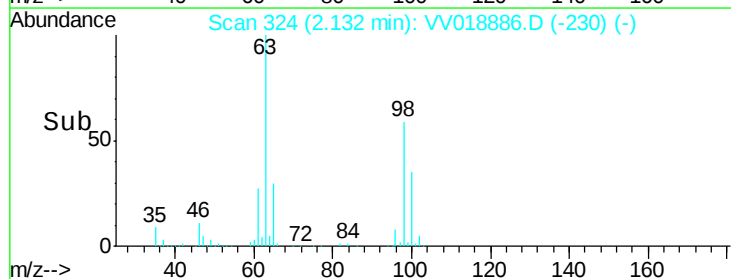
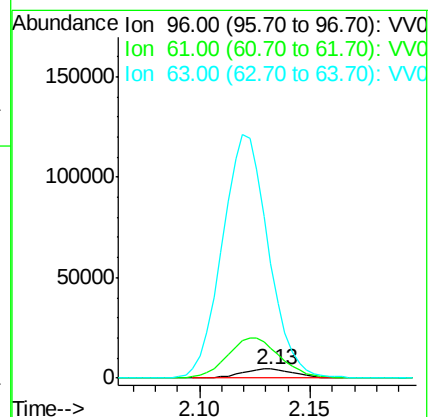
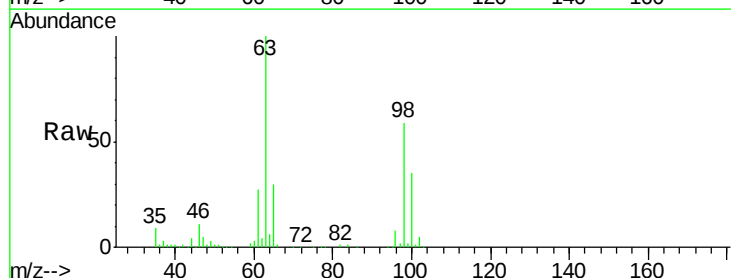
Tgt Ion: 96 Resp: 7572

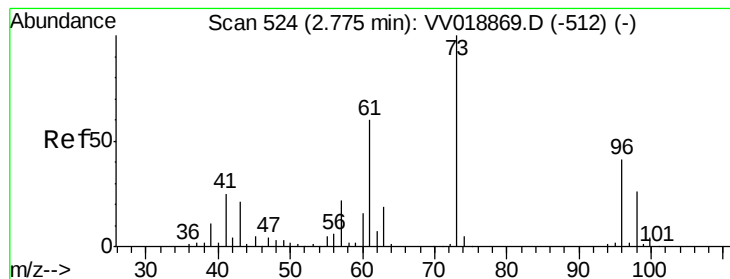
Ion Ratio Lower Upper

96 100

61 327.4 133.6 248.0#

63 1230.1 108.4 201.4#





#17

trans-1,2-Dichloroethene

Concen: 2.348 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.01 min

Lab File: VV018886.D

Acq: 13 Oct 2020 19:00

Instrument :

MSVOA_V

ClientSampleId :

C0AJ2

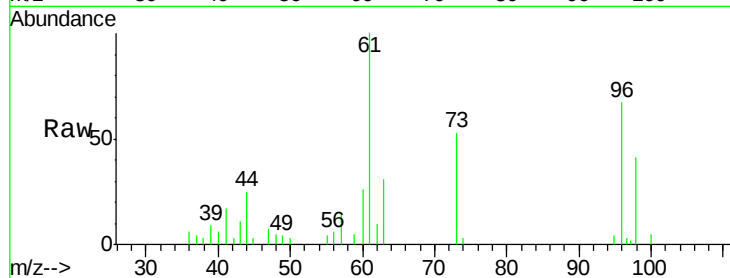
Tot Ion: 96 Resp: 5682

Ion Ratio Lower Upper

96 100

61 143.3 105.7 196.3

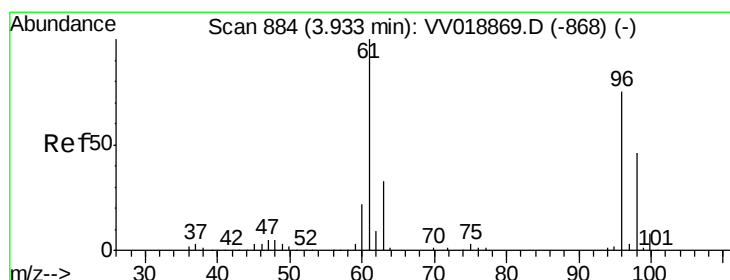
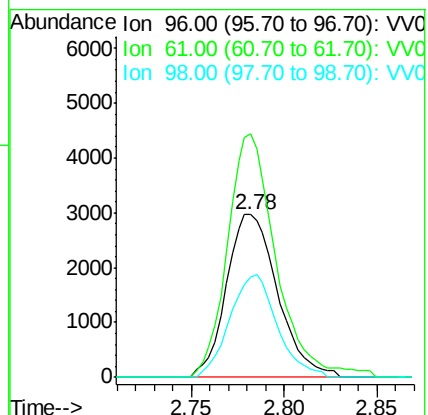
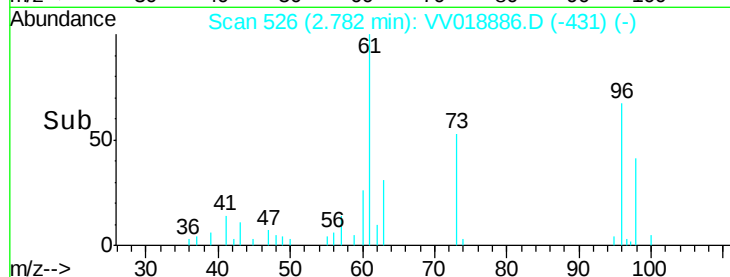
98 59.1 44.7 83.1



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: 161.100 ug/L

RT: 3.94 min Scan# 885

Delta R.T. 0.00 min

Lab File: VV018886.D

Acq: 13 Oct 2020 19:00

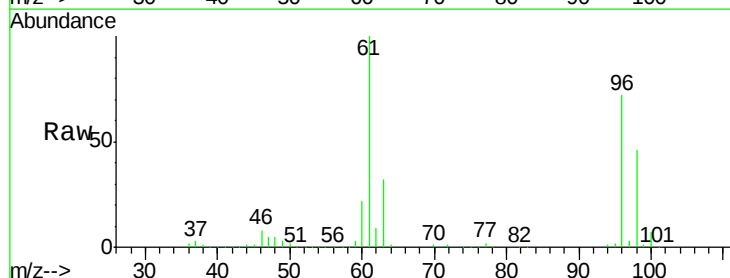
Tgt Ion: 96 Resp: 412003

Ion Ratio Lower Upper

96 100

61 139.4 97.3 180.7

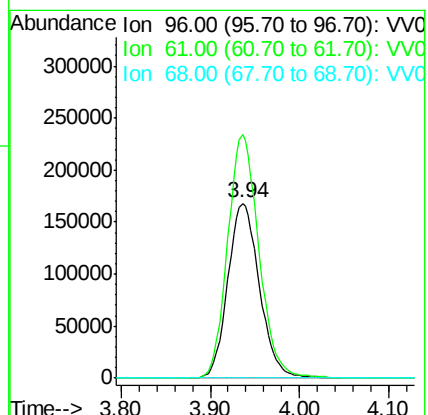
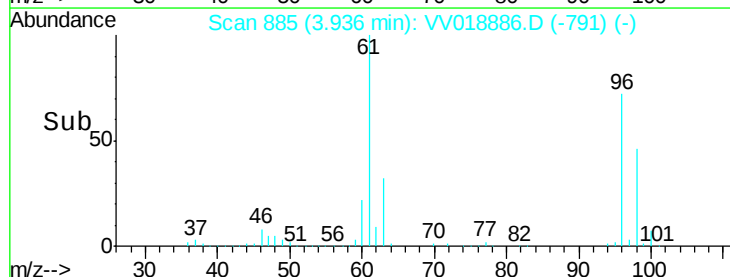
68 0.0 0.0 0.0

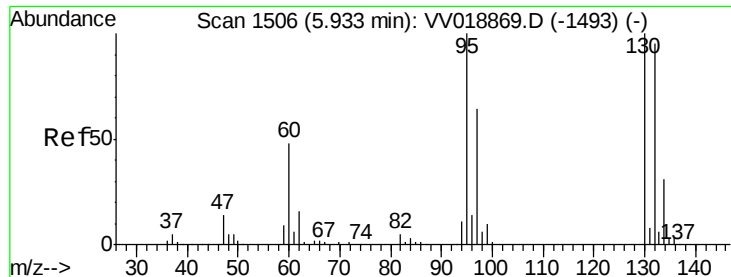


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#34

Trichloroethene

Concen: 51.533 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. 0.00 min

Lab File: VV018886.D

Acq: 13 Oct 2020 19:00

Instrument :

MSVOA_V

ClientSampleId :

C0AJ2

Tot Ion: 95 Resp: 155438

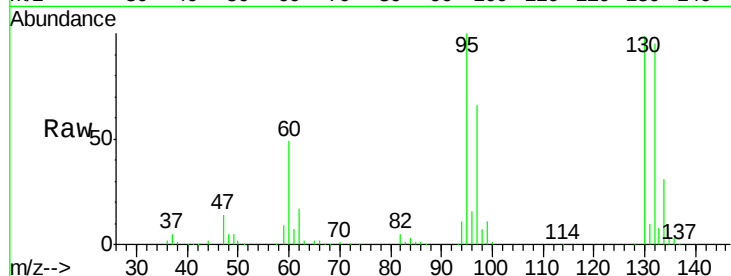
Ion Ratio Lower Upper

95 100

97 65.7 45.1 83.9

132 94.7 66.2 123.0

130 99.4 69.1 128.3

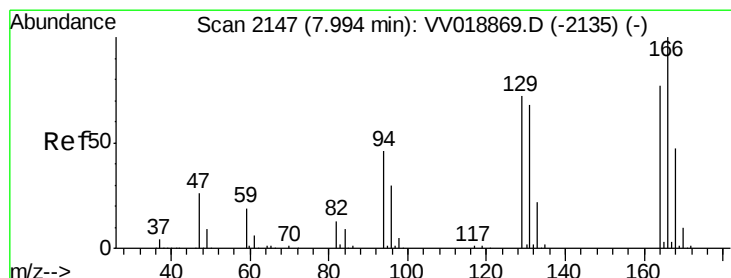
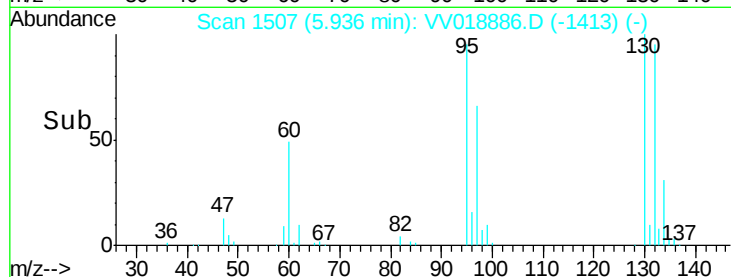
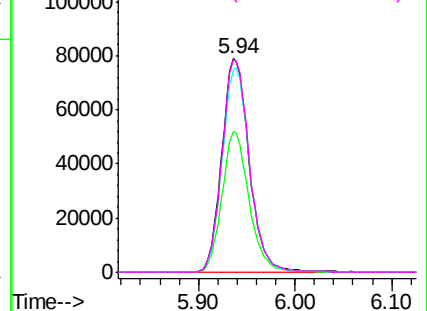


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#46

Tetrachloroethene

Concen: 2.374 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.01 min

Lab File: VV018886.D

Acq: 13 Oct 2020 19:00

Tgt Ion: 164 Resp: 5248

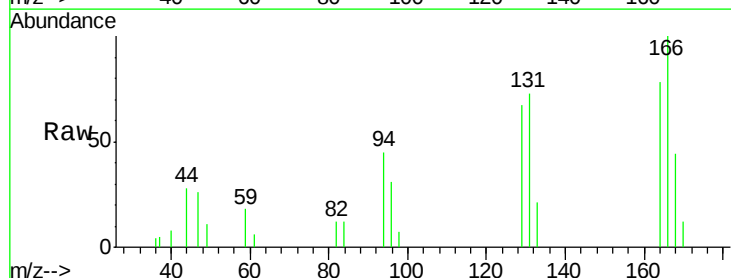
Ion Ratio Lower Upper

164 100

129 86.3 64.6 120.0

131 94.6 63.6 118.0

166 128.8 88.3 164.1



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

