

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100820\
 Data File : VV018760.D
 Acq On : 08 Oct 2020 13:14
 Operator : SY/MD
 Sample : L4254-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3P2

Quant Time: Oct 09 07:31:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 09 07:09:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	348430	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	349053	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	167205	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	103236	50.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.04%
7) Chloroethane-d5	1.58	69	96000	56.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	113.64%
11) 1,1-Dichloroethene-d2	2.12	63	183688	44.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.24%
21) 2-Butanone-d5	3.90	46	167934	110.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.17%
24) Chloroform-d	4.37	84	243575	55.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.24%
26) 1,2-Dichloroethane-d4	5.05	65	167800	59.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.64%
32) Benzene-d6	5.07	84	474543	53.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.34%
36) 1,2-Dichloropropane-d6	6.09	67	160692	60.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	120.30%#
41) Toluene-d8	7.33	98	421789	50.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.42%
43) trans-1,3-Dichloropropene-	7.64	79	71556	49.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.16%
47) 2-Hexanone-d5	8.10	63	87721	86.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.45%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	176451	49.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.64%
64) 1,2-Dichlorobenzene-d4	11.65	152	180440	56.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.22%

Target Compounds

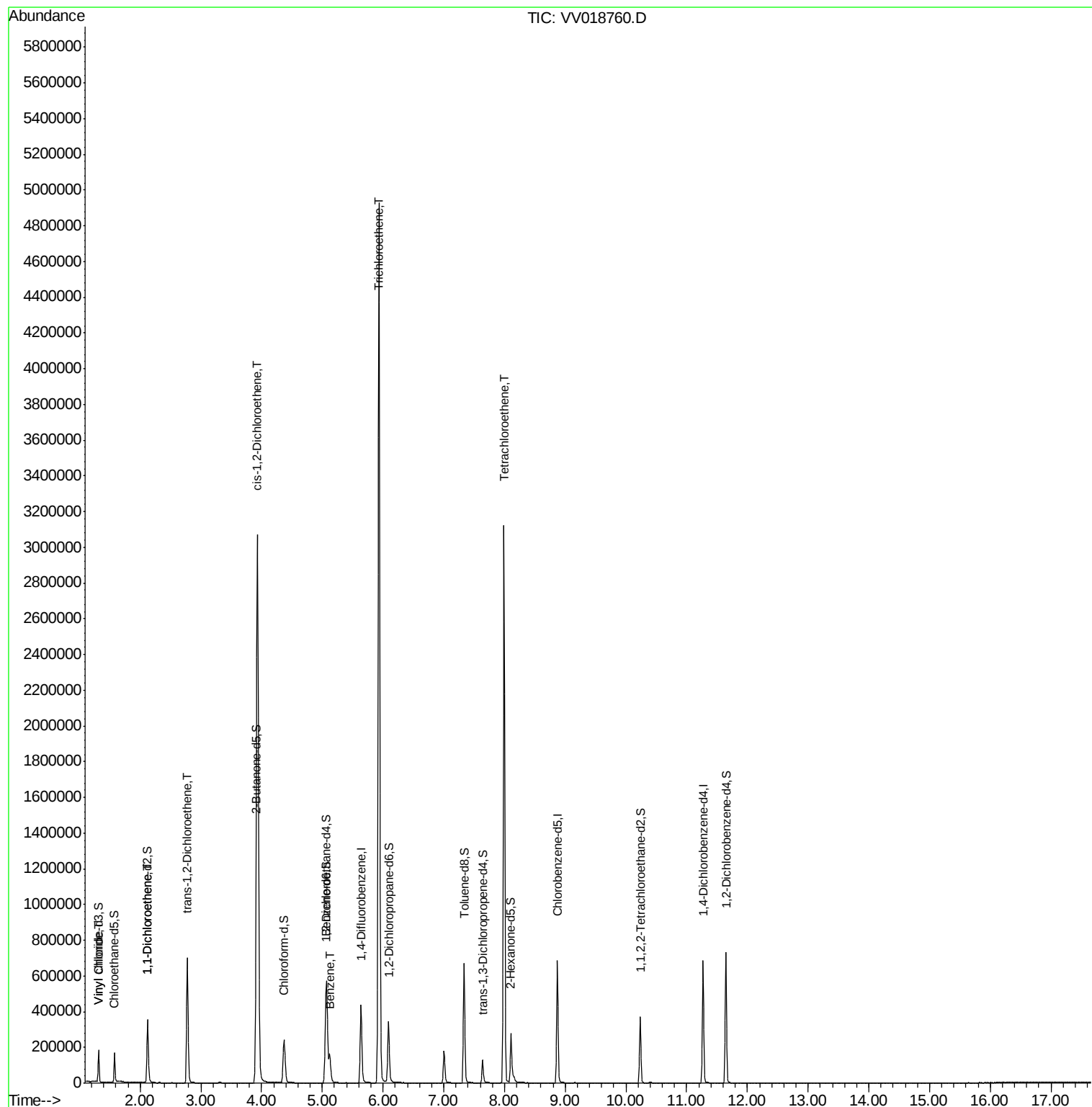
					Ovalue
5) Vinyl chloride	1.32	62	9582	3.595 ug/L	84
12) 1,1-Dichloroethene	2.13	96	20135	9.257 ug/L #	1
17) trans-1,2-Dichloroethene	2.78	96	247551	99.464 ug/L	90
20) cis-1,2-Dichloroethene	3.93	96	1636935	618.866 ug/L	87
33) Benzene	5.12	78	161826	15.781 ug/L	100
34) Trichloroethene	5.93	95	1682042	564.992 ug/L	94
46) Tetrachloroethene	7.99	164	668884	276.940 ug/L	96

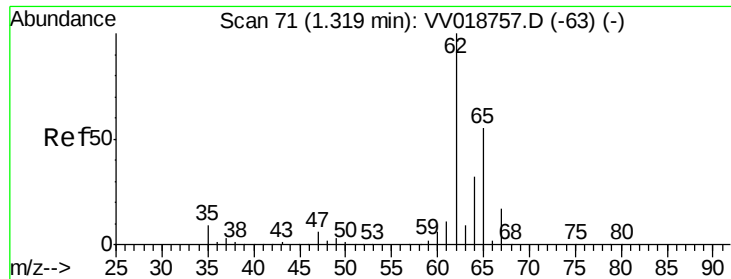
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 09 07:09:39 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.595 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV018760.D

Acq: 08 Oct 2020 13:14

Instrument :

MSVOA_V

ClientSampled :

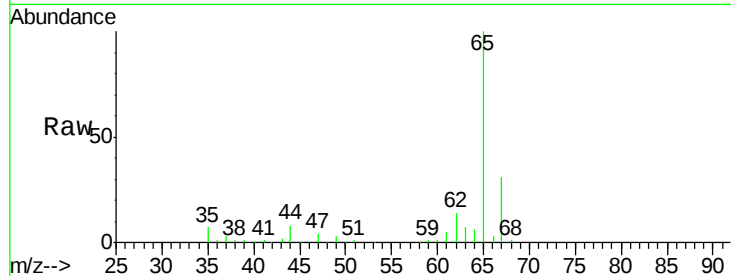
BG3P2

Tot Ion: 62 Resp: 9582

Ion Ratio Lower Upper

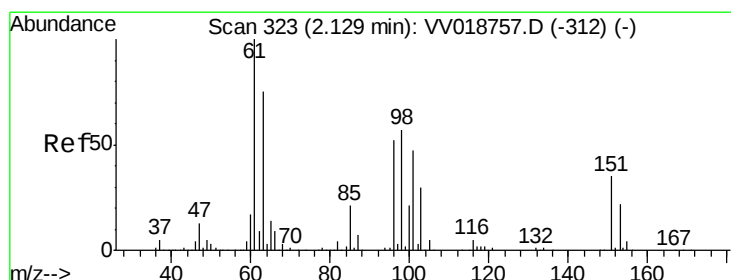
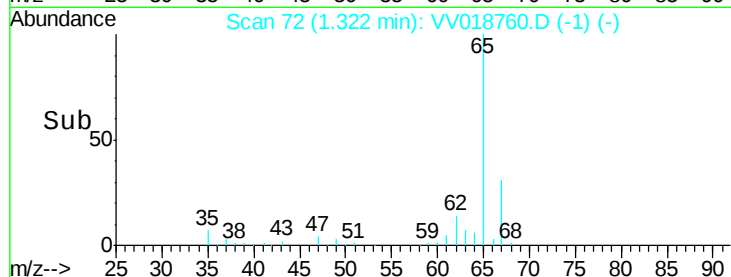
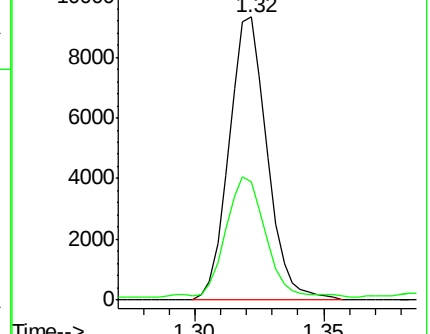
62 100

64 41.9 22.9 42.5



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#12

1,1-Dichloroethene

Concen: 9.257 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV018760.D

Acq: 08 Oct 2020 13:14

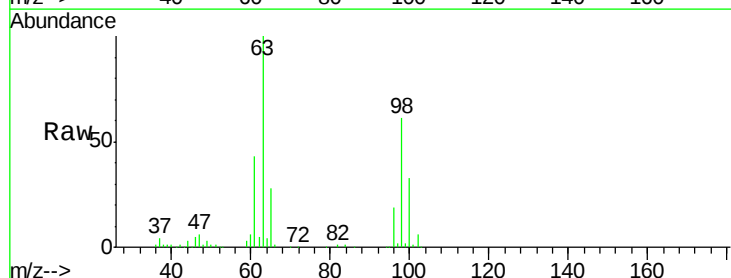
Tgt Ion: 96 Resp: 20135

Ion Ratio Lower Upper

96 100

61 226.3 122.8 228.1

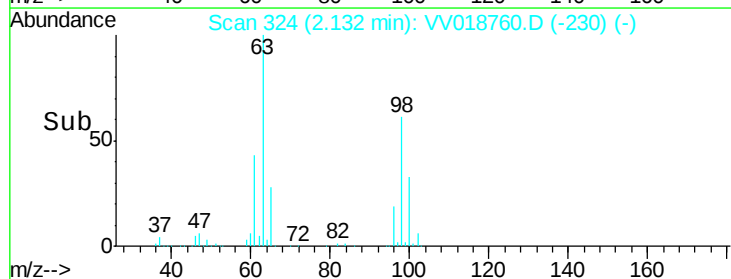
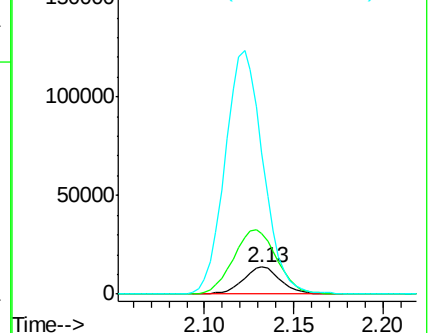
63 526.7 91.9 170.7#

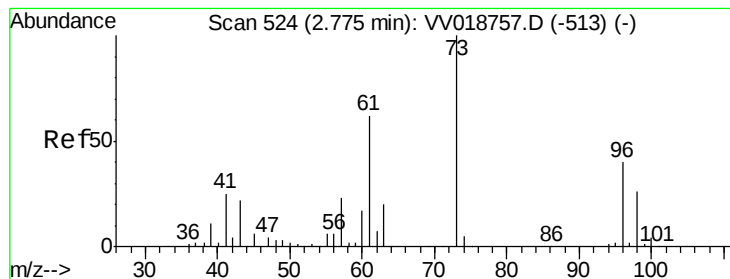


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#17

trans-1,2-Dichloroethene

Concen: 99.464 ug/L

RT: 2.78 min Scan# 524

Delta R.T. -0.00 min

Lab File: VV018760.D

Acq: 08 Oct 2020 13:14

Instrument :

MSVOA_V

ClientSampleId :

BG3P2

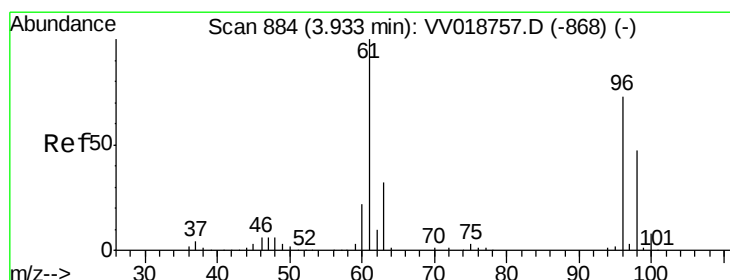
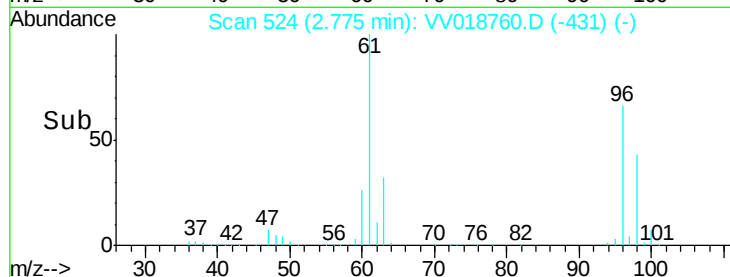
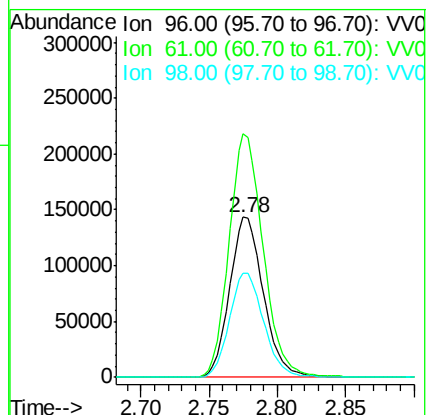
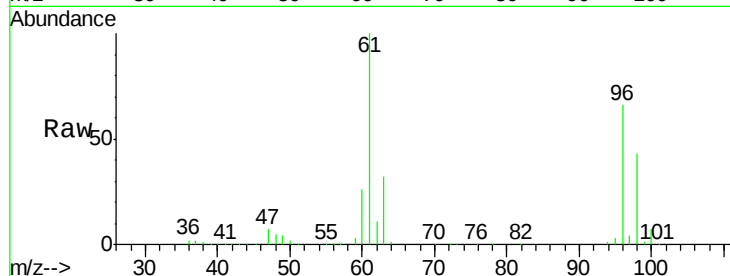
Tot Ion: 96 Resp: 247551

Ion Ratio Lower Upper

96 100

61 152.3 95.0 176.4

98 65.4 44.6 82.8



#20

cis-1,2-Dichloroethene

Concen: 618.866 ug/L

RT: 3.93 min Scan# 884

Delta R.T. -0.00 min

Lab File: VV018760.D

Acq: 08 Oct 2020 13:14

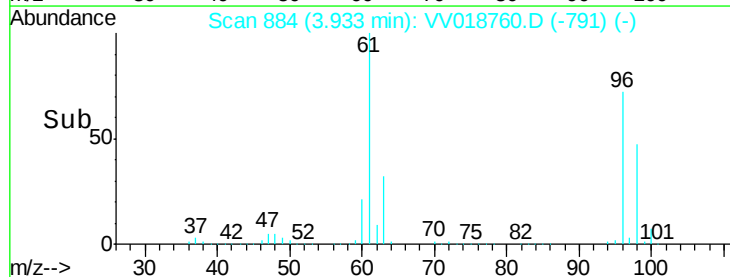
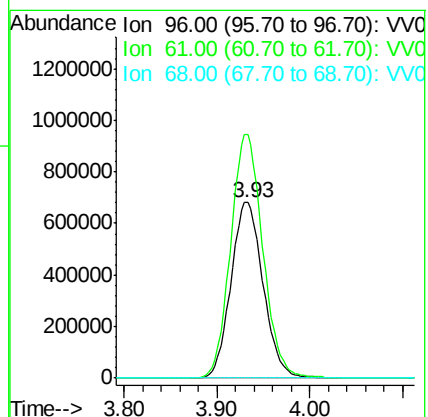
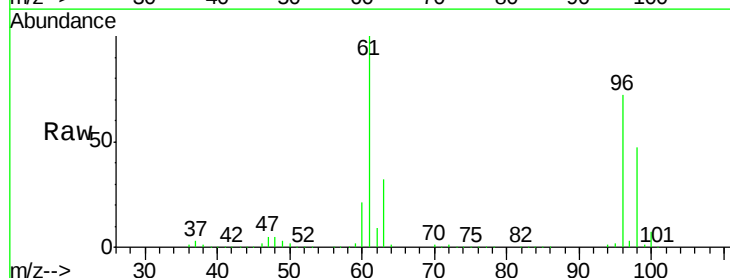
Tgt Ion: 96 Resp: 1636935

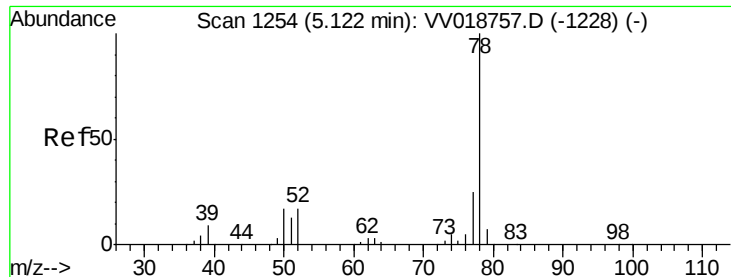
Ion Ratio Lower Upper

96 100

61 138.6 86.8 161.2

68 0.0 0.0 0.0





#33

Benzene

Concen: 15.781 ug/L

RT: 5.12 min Scan# 1254

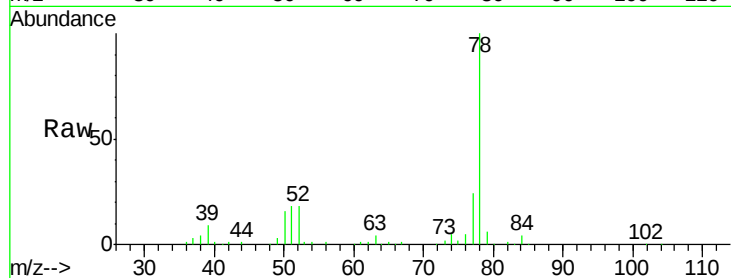
Delta R.T. -0.00 min

Lab File: VV018760.D

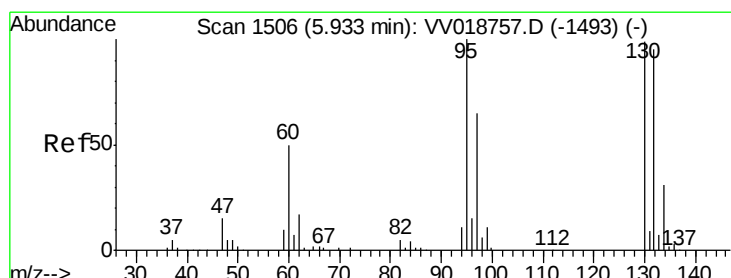
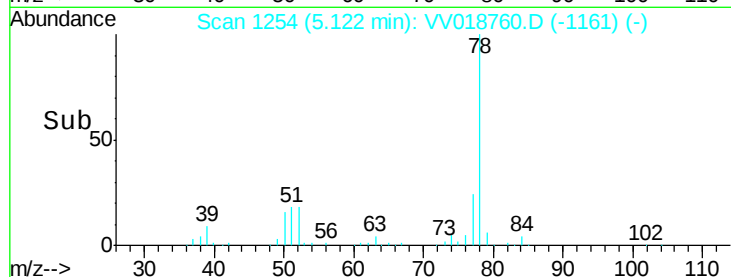
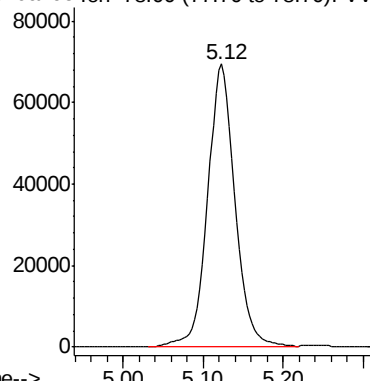
Acq: 08 Oct 2020 13:14

Instrument :
MSVOA_V
ClientSampled :
BG3P2

Tgt Ion: 78 Resp: 161826



Abundance Ion 78.00 (77.70 to 78.70): VV0



#34

Trichloroethene

Concen: 564.992 ug/L

RT: 5.93 min Scan# 1506

Delta R.T. -0.00 min

Lab File: VV018760.D

Acq: 08 Oct 2020 13:14

Tgt Ion: 95 Resp: 1682042

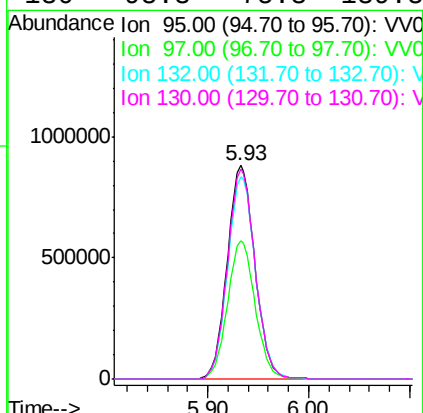
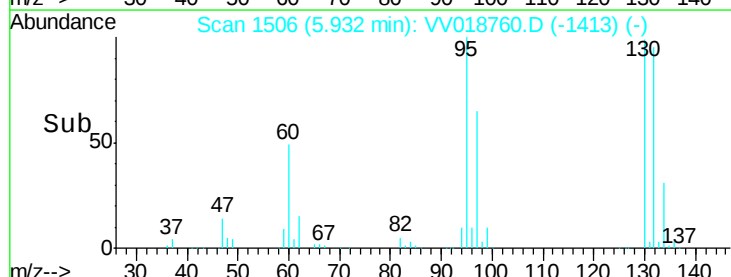
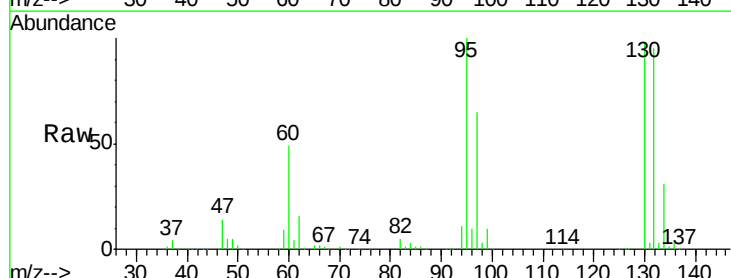
Ion	Ratio	Lower	Upper
95	100		
97	65.0	45.9	85.3
132	94.6	70.8	131.4
130	98.3	75.3	139.8

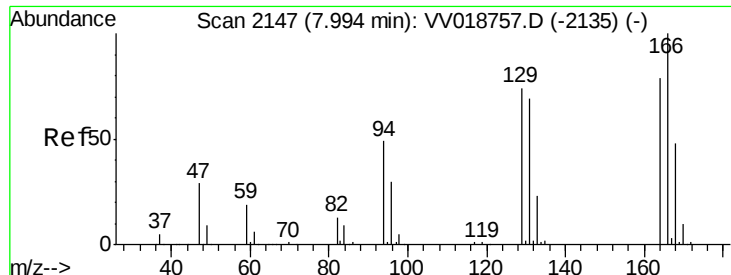
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0





#46

Tetrachloroethene

Concen: 276.940 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. -0.00 min

Lab File: VV018760.D

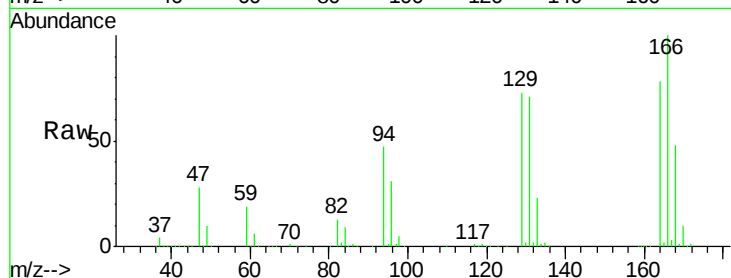
Acq: 08 Oct 2020 13:14

Instrument :

MSVOA_V

ClientSampleId :

BG3P2



Tot Ion:164 Resp: 668884

Ion Ratio Lower Upper

164 100

129 94.5 62.8 116.6

131 91.2 60.8 112.8

166 128.8 88.9 165.1

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

