

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102519\
 Data File : VV013323.D
 Acq On : 24 Oct 2019 19:23
 Operator : SY/MD
 Sample : K5457-04DL 4X
 Misc : 25.0ML/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0K09DL

Quant Time: Oct 25 05:05:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 25 04:42:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	401390	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	428741	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	229273	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	143894	4.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.20%
7) Chloroethane-d5	1.58	69	127783	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.13	63	186835	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	3.96	46	377915	66.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	133.00%#
24) Chloroform-d	4.40	84	364783	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
26) 1,2-Dichloroethane-d4	5.08	65	174750	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
32) Benzene-d6	5.09	84	736036	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
36) 1,2-Dichloropropane-d6	6.12	67	226212	5.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.40%
41) Toluene-d8	7.36	98	613658	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
43) trans-1,3-Dichloropropene-	7.66	79	77834	4.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.40%
46) 2-Hexanone-d5	8.14	63	247353	43.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.82%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	158742	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	252977	5.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.40%

Target Compounds

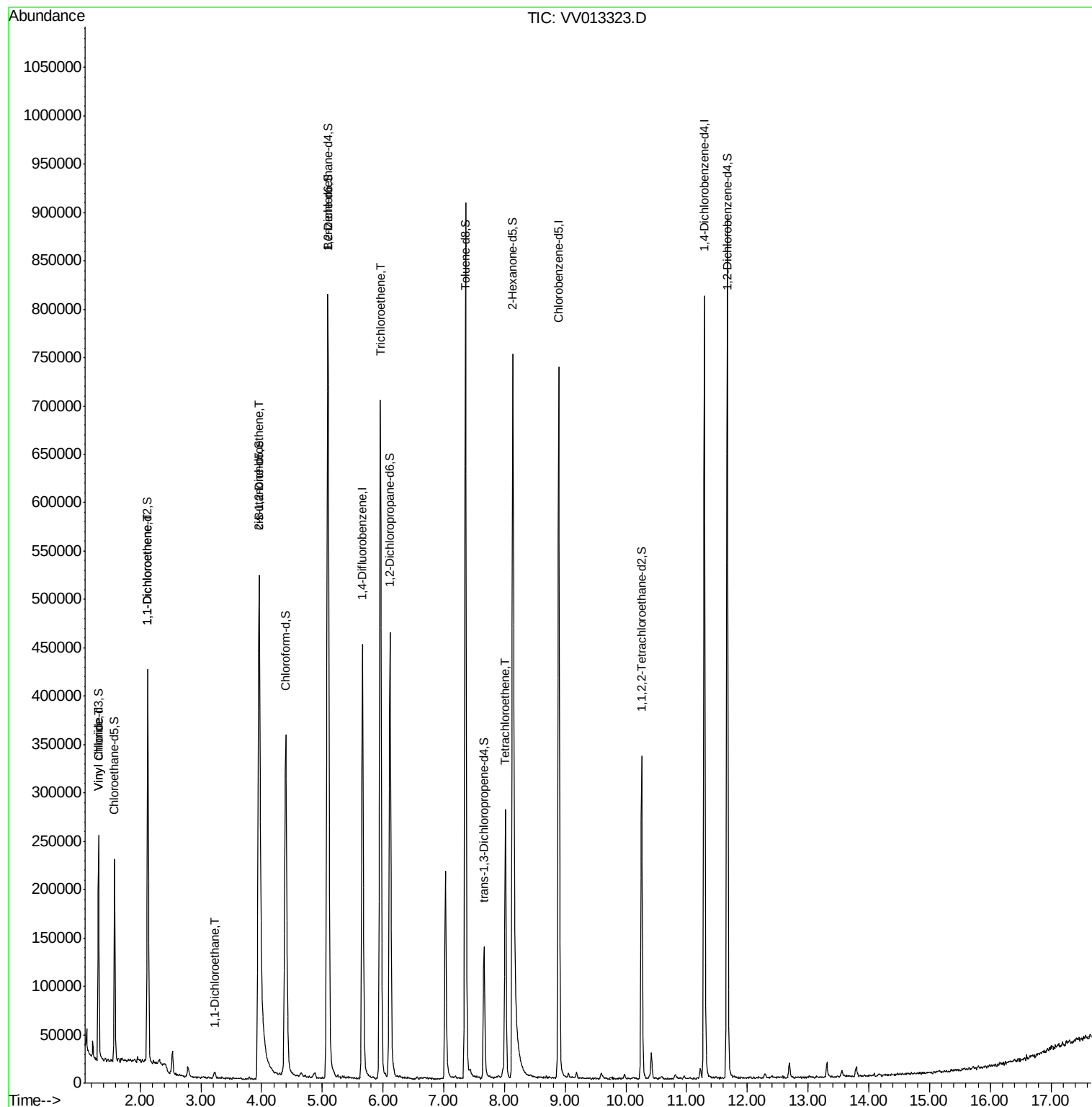
					Ovalue
5) Vinyl chloride	1.32	62	3680	0.095 ug/L #	1
12) 1,1-Dichloroethene	2.14	96	22014	0.698 ug/L #	1
19) 1,1-Dichloroethane	3.22	63	5963	0.099 ug/L	89
22) cis-1,2-Dichloroethene	3.96	96	229025	5.752 ug/L	90
34) Trichloroethene	5.96	95	241080	5.488 ug/L	95
47) Tetrachloroethene	8.02	164	68115	1.707 ug/L	97

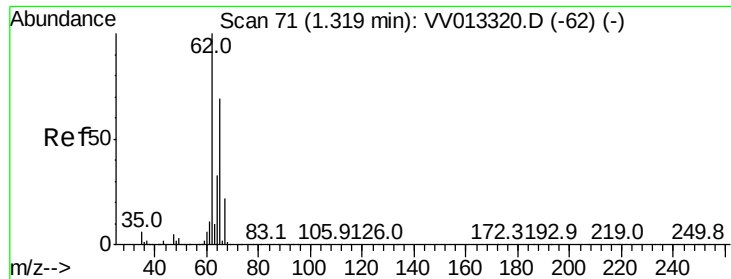
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 25 04:42:43 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.095 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV013323.D

Acq: 24 Oct 2019 19:23

Instrument :

MSVOA_V

ClientSampleId :

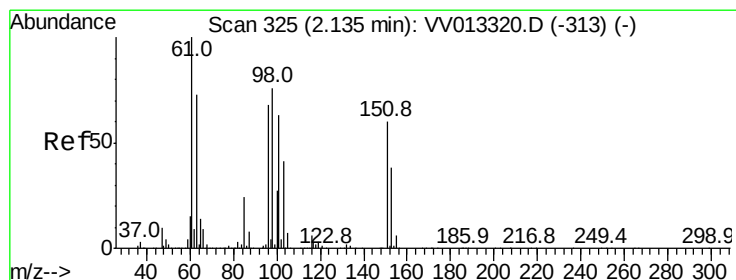
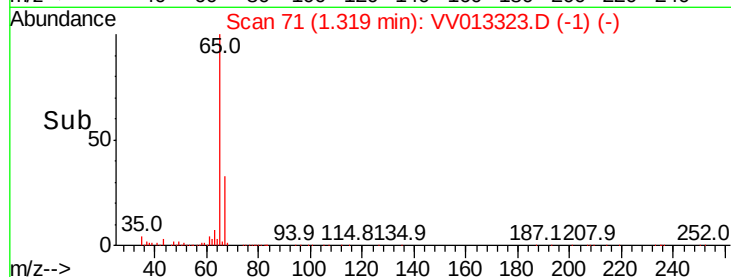
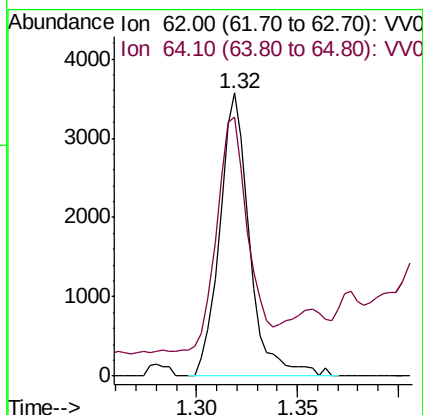
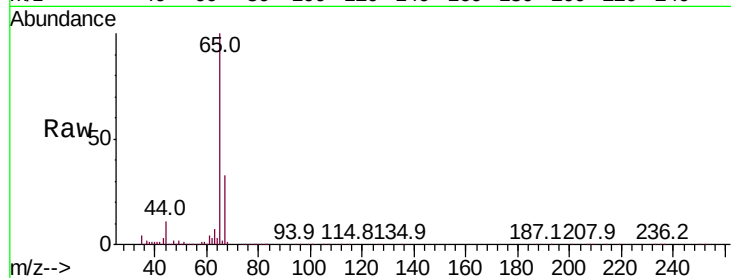
C0K09DL

Tot Ion: 62 Resp: 3680

Ion Ratio Lower Upper

62 100

64 91.7 22.9 42.5#



#12

1,1-Dichloroethene

Concen: 0.698 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VV013323.D

Acq: 24 Oct 2019 19:23

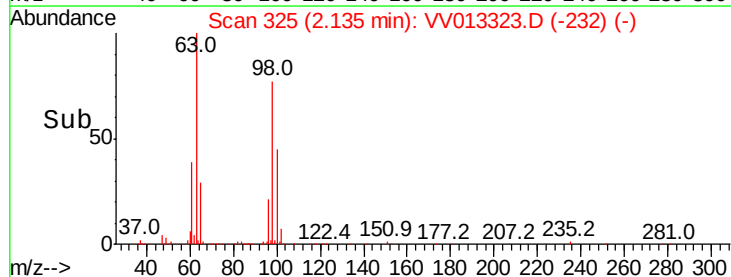
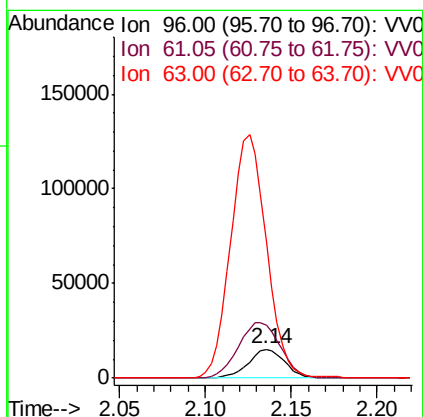
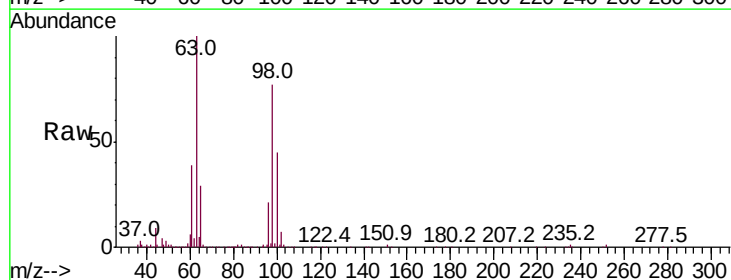
Tgt Ion: 96 Resp: 22014

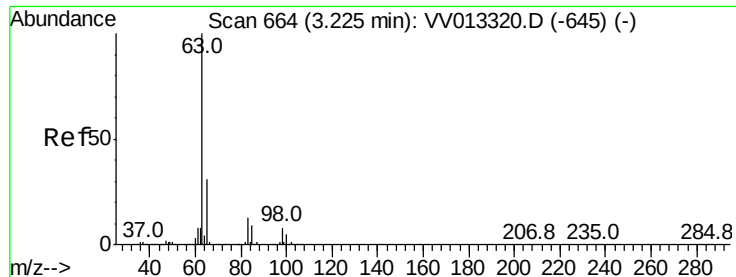
Ion Ratio Lower Upper

96 100

61 182.2 104.0 193.1

63 470.5 67.1 124.5#





#19

1,1-Dichloroethane

Concen: 0.099 ug/L

RT: 3.22 min Scan# 662

Delta R.T. -0.01 min

Lab File: VV013323.D

Acq: 24 Oct 2019 19:23

Instrument :

MSVOA_V

ClientSampleId :

C0K09DL

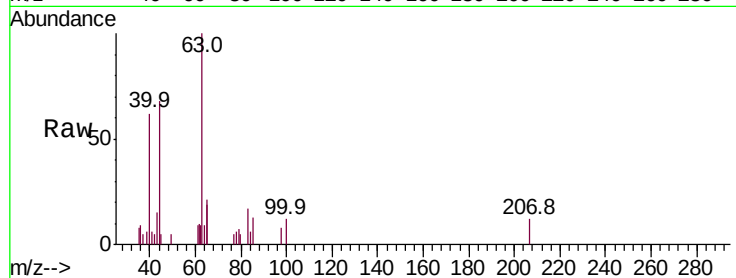
Tot Ion: 63 Resp: 5963

Ion Ratio Lower Upper

63 100

65 40.3 23.0 42.8

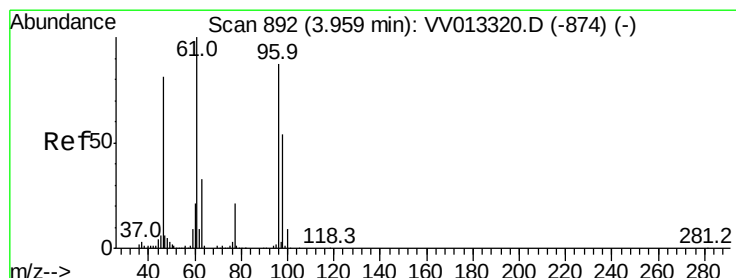
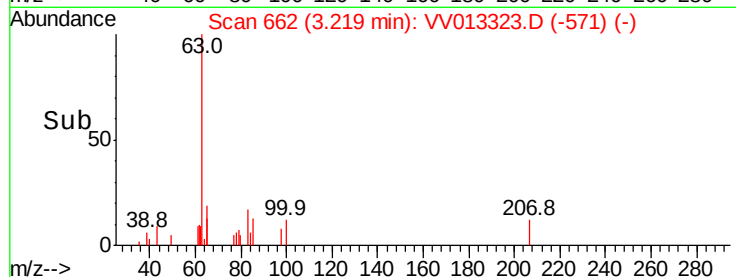
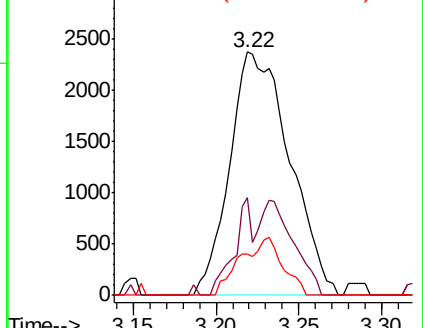
83 16.8 10.2 19.0



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 65.10 (64.80 to 65.80): VV0

Ion 83.05 (82.75 to 83.75): VV0



#22

cis-1,2-Dichloroethene

Concen: 5.752 ug/L

RT: 3.96 min Scan# 892

Delta R.T. -0.00 min

Lab File: VV013323.D

Acq: 24 Oct 2019 19:23

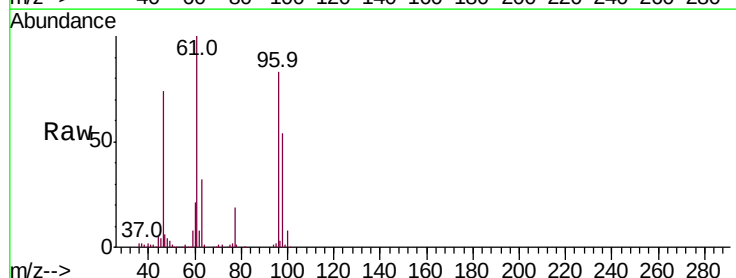
Tgt Ion: 96 Resp: 229025

Ion Ratio Lower Upper

96 100

61 121.2 77.3 143.7

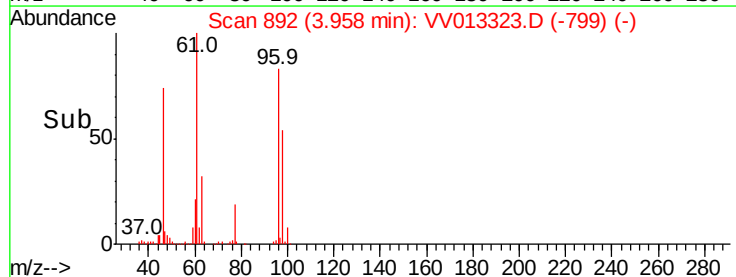
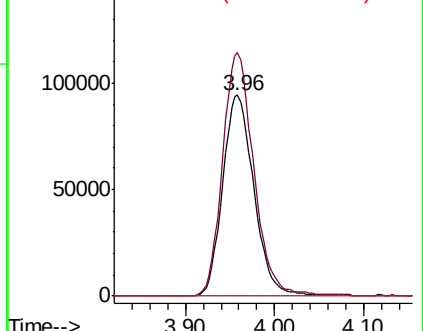
68 0.1 0.1 0.1

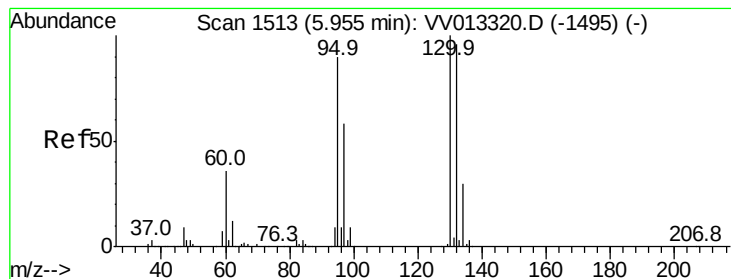


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0





#34

Trichloroethene

Concen: 5.488 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV013323.D

Acq: 24 Oct 2019 19:23

Instrument :

MSVOA_V

ClientSampleId :

C0K09DL

Tot Ion: 95 Resp: 241080

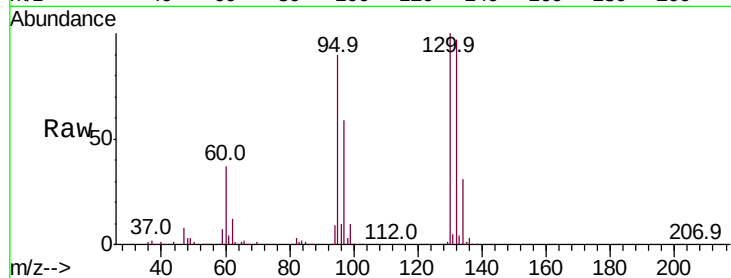
Ion Ratio Lower Upper

95 100

97 65.8 45.2 84.0

132 108.5 70.6 131.2

130 111.6 75.5 140.3



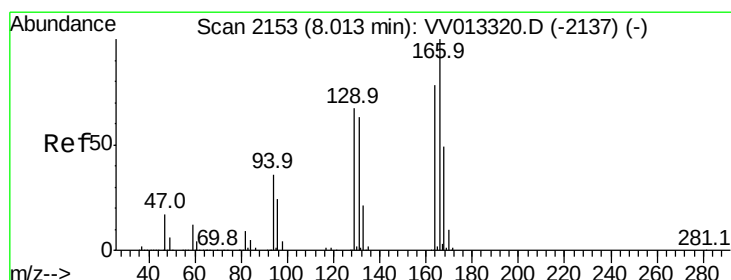
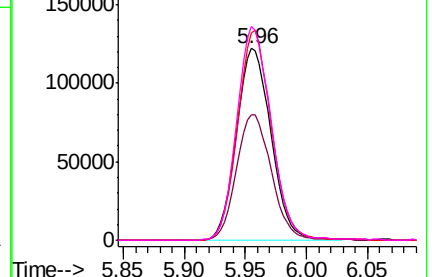
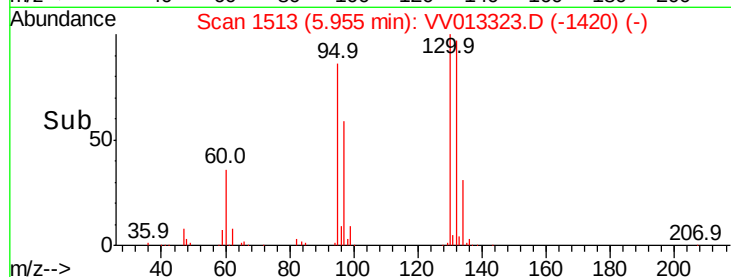
Abundance

Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



#47

Tetrachloroethene

Concen: 1.707 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV013323.D

Acq: 24 Oct 2019 19:23

Tgt Ion:164 Resp: 68115

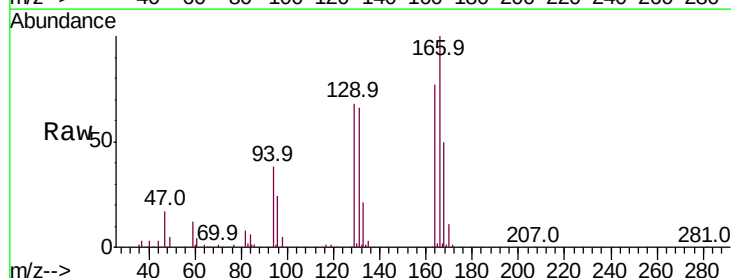
Ion Ratio Lower Upper

164 100

129 88.3 61.0 113.2

131 86.2 57.5 106.9

166 129.8 87.8 163.0



Abundance

Ion 163.90 (163.60 to 164.60): VV0

Ion 128.95 (128.65 to 129.65): VV0

Ion 130.95 (130.65 to 131.65): VV0

Ion 165.90 (165.60 to 166.60): VV0

