

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102519\
 Data File : VV013322.D
 Acq On : 24 Oct 2019 18:59
 Operator : SY/MD
 Sample : K5457-08DL 4X
 Misc : 25.0ML/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0K13DL

Quant Time: Oct 25 04:59:39 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	414099	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	447277	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	231858	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	144266	4.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	1.58	69	128242	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.13	63	284601	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.80%
20) 2-Butanone-d5	3.97	46	199821	34.08	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.16%
24) Chloroform-d	4.40	84	352090	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.08	65	163998	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.10	84	703587	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.11	67	212439	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.36	98	589220	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	7.66	79	73771	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.14	63	258567	44.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.00%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	154894	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	246912	5.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.40%

Target Compounds

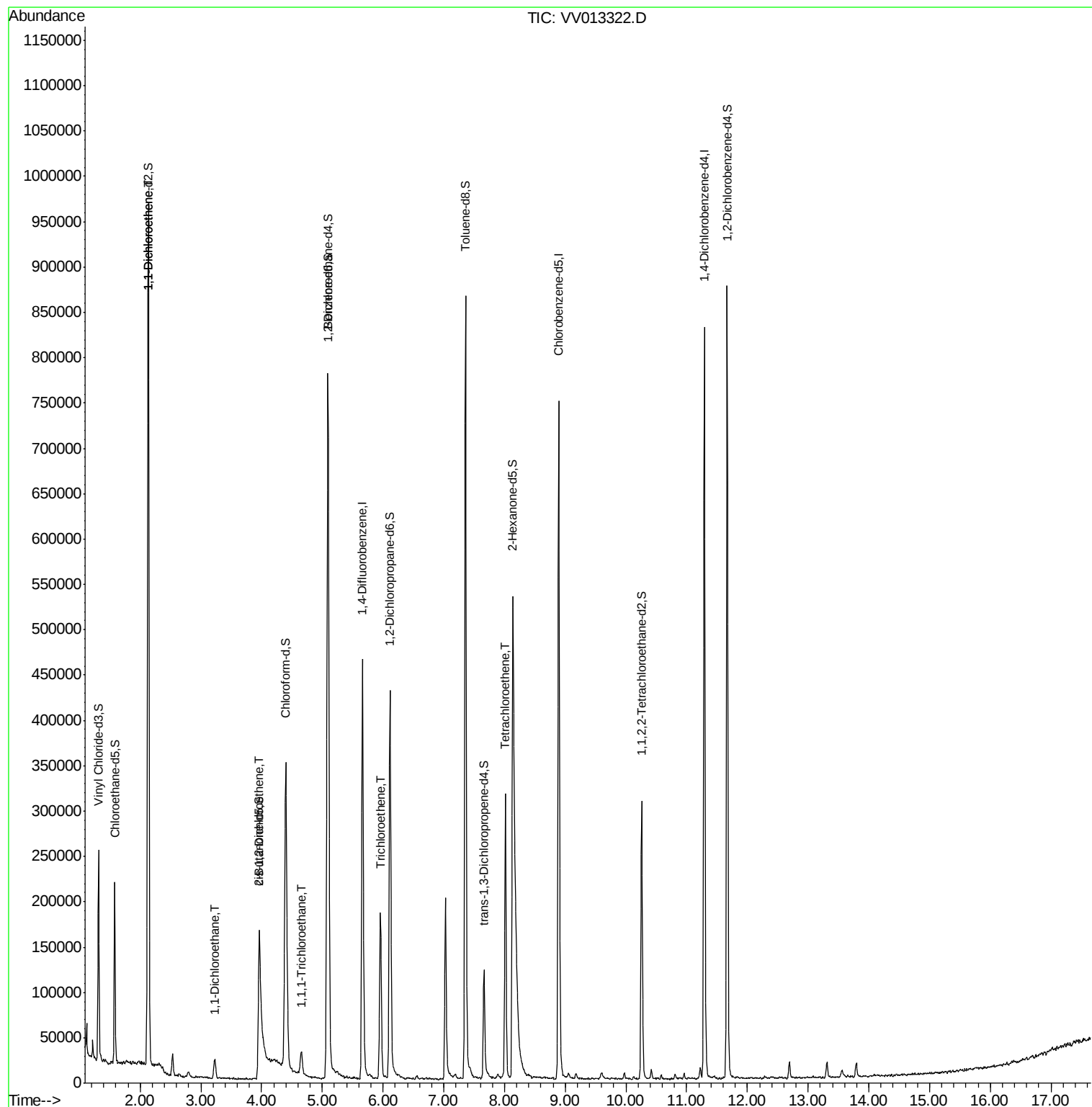
					Ovalue
12) 1,1-Dichloroethene	2.14	96	243903	7.492 ug/L	89
19) 1,1-Dichloroethane	3.23	63	22363	0.358 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	55979	1.363 ug/L #	97
29) 1,1,1-Trichloroethane	4.65	97	20640	0.312 ug/L	97
34) Trichloroethene	5.96	95	58039	1.266 ug/L	96
47) Tetrachloroethene	8.02	164	75337	1.810 ug/L	98

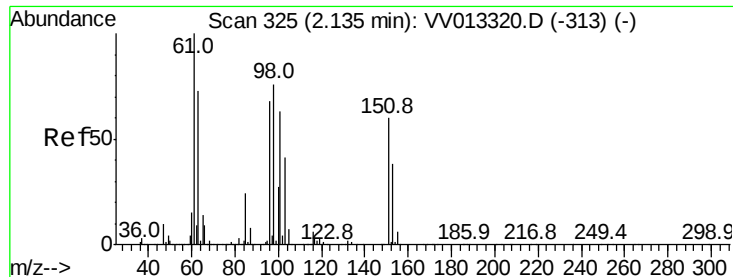
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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C0K13DL

Quant Time: Oct 25 04:59:39 2019
Quant Method : Z:\V0ASRV\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





#12

1,1-Dichloroethene

Concen: 7.492 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV013322.D

Acq: 24 Oct 2019 18:59

Instrument :

MSVOA_V

ClientSampleId :

C0K13DL

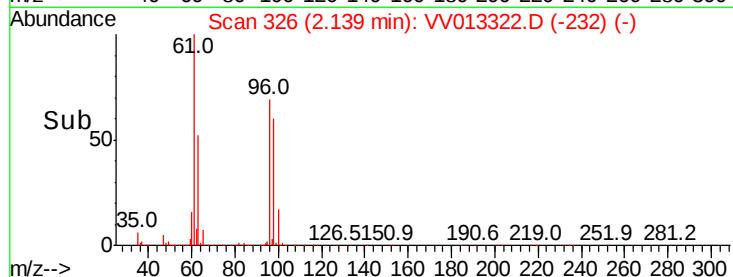
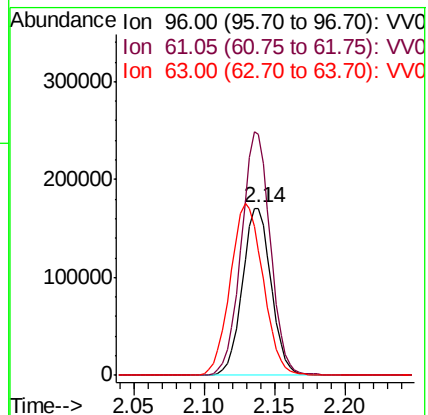
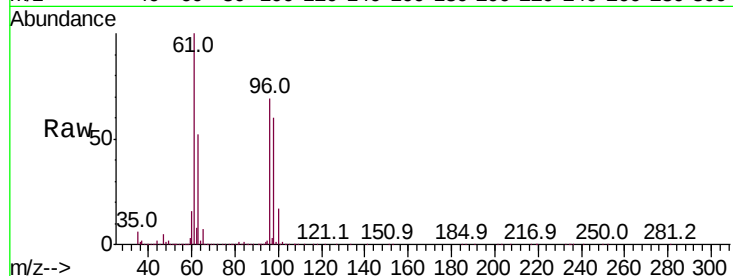
Tot Ion: 96 Resp: 243903

Ion Ratio Lower Upper

96 100

61 144.0 104.0 193.1

63 74.4 67.1 124.5



#19

1,1-Dichloroethane

Concen: 0.358 ug/L

RT: 3.23 min Scan# 665

Delta R.T. 0.00 min

Lab File: VV013322.D

Acq: 24 Oct 2019 18:59

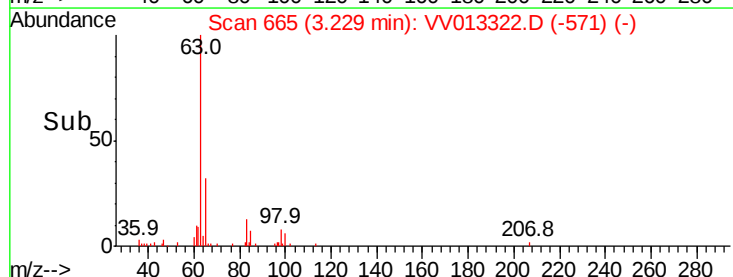
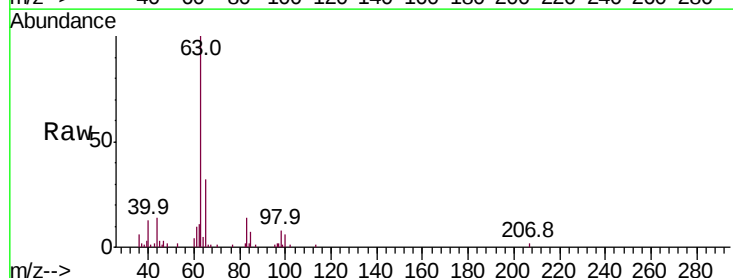
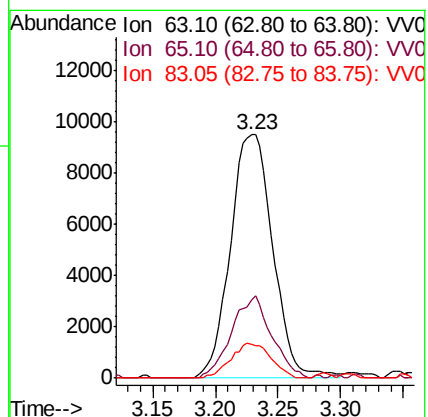
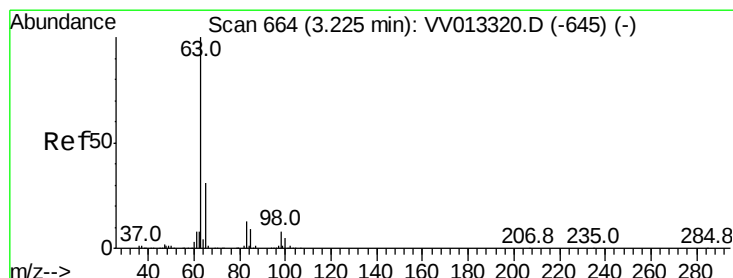
Tgt Ion: 63 Resp: 22363

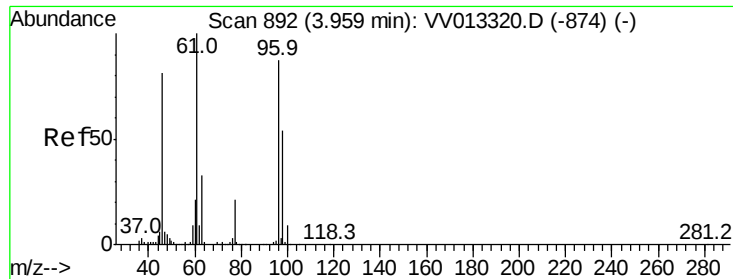
Ion Ratio Lower Upper

63 100

65 32.3 23.0 42.8

83 14.0 10.2 19.0





#22

cis-1,2-Dichloroethene

Concen: 1.363 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.00 min

Lab File: VV013322.D

Acq: 24 Oct 2019 18:59

Instrument :

MSVOA_V

ClientSampleId :

C0K13DL

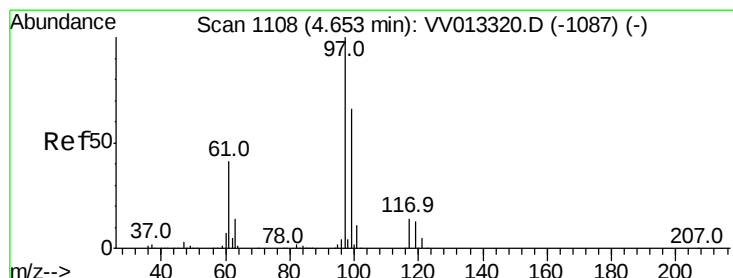
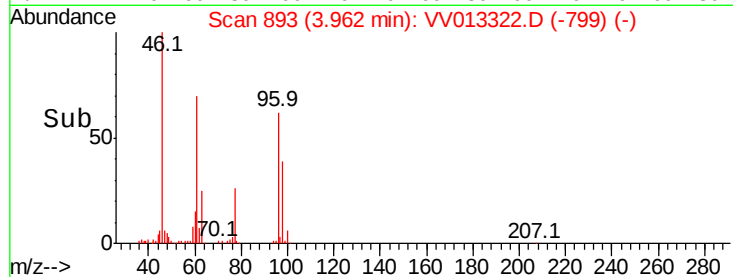
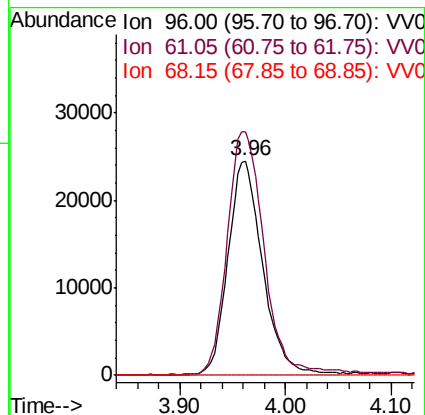
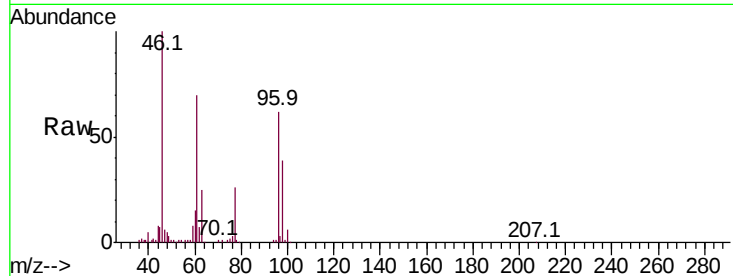
Tot Ion: 96 Resp: 55979

Ion Ratio Lower Upper

96 100

61 113.4 77.3 143.7

68 0.0 0.1 0.1#



#29

1,1,1-Trichloroethane

Concen: 0.312 ug/L

RT: 4.65 min Scan# 1108

Delta R.T. -0.00 min

Lab File: VV013322.D

Acq: 24 Oct 2019 18:59

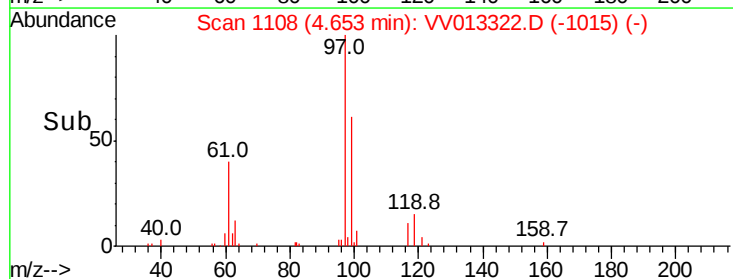
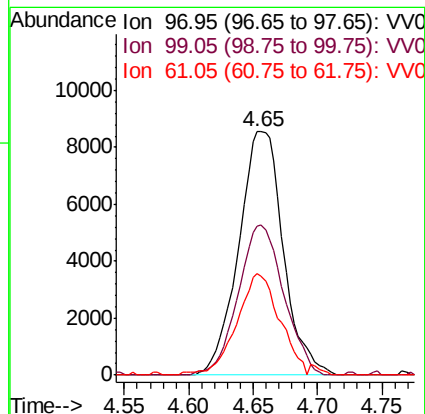
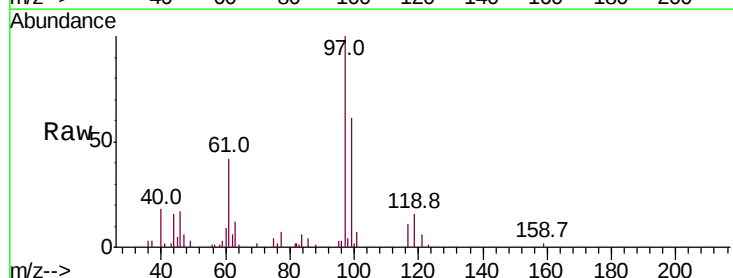
Tgt Ion: 97 Resp: 20640

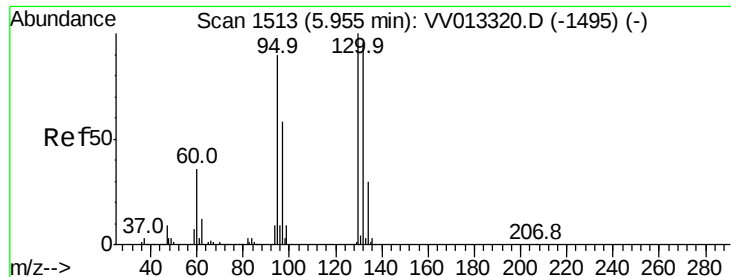
Ion Ratio Lower Upper

97 100

99 62.9 51.7 77.5

61 39.8 34.3 51.5





#34

Trichloroethene

Concen: 1.266 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV013322.D

Acq: 24 Oct 2019 18:59

Instrument :

MSVOA_V

ClientSampleId :

C0K13DL

Tot Ion: 95 Resp: 58039

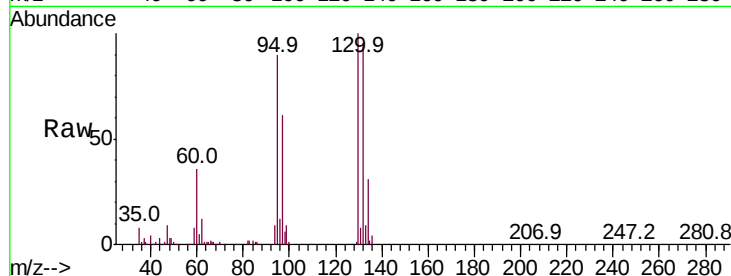
Ion Ratio Lower Upper

95 100

97 67.4 45.2 84.0

132 105.7 70.6 131.2

130 111.1 75.5 140.3

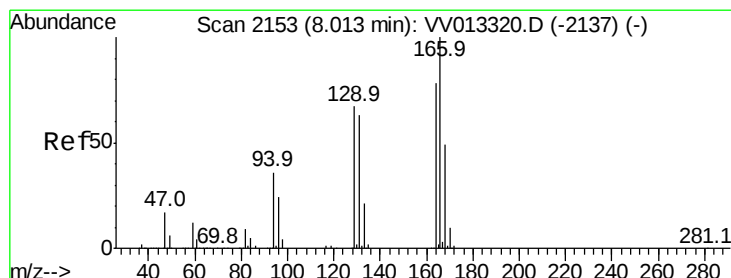
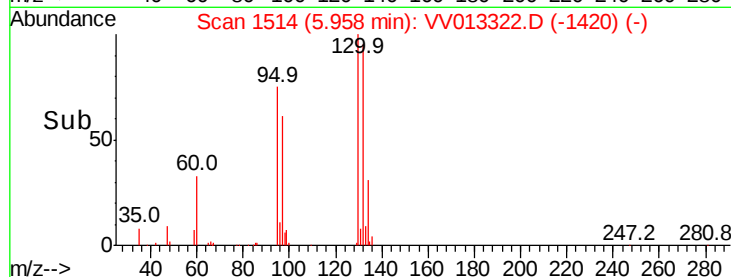
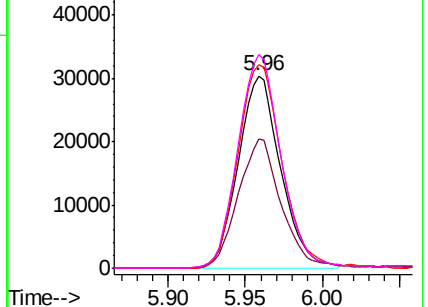


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 1.810 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV013322.D

Acq: 24 Oct 2019 18:59

Tgt Ion: 164 Resp: 75337

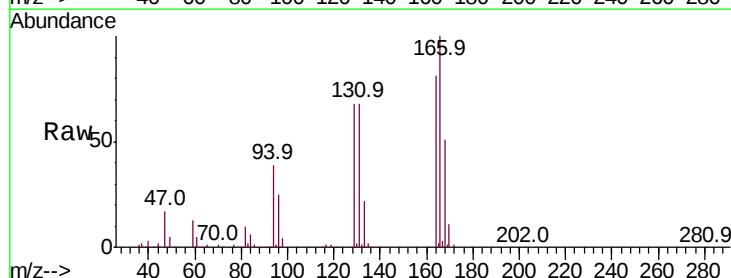
Ion Ratio Lower Upper

164 100

129 84.9 61.0 113.2

131 84.4 57.5 106.9

166 124.1 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

