

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091019\
 Data File : VV012658.D
 Acq On : 10 Sep 2019 15:36
 Operator : SY/MD
 Sample : K4724-02DL 5X
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFDA3DL

Quant Time: Sep 11 06:39:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 11 05:21:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	375927	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	376789	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	157898	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	107836	4.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.60%
7) Chloroethane-d5	1.55	69	52646	2.50	ug/L	-0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	50.00%#
11) 1,1-Dichloroethene-d2	2.12	63	128348	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	3.93	46	293652	47.85	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.70%
24) Chloroform-d	4.39	84	191389	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.60%
26) 1,2-Dichloroethane-d4	5.08	65	112439	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.09	84	394732	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
36) 1,2-Dichloropropane-d6	6.11	67	136995	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.36	98	309579	3.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.80%
43) trans-1,3-Dichloropropene-	7.66	79	41124	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.13	63	179582	48.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.52%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	100280	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	139363	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

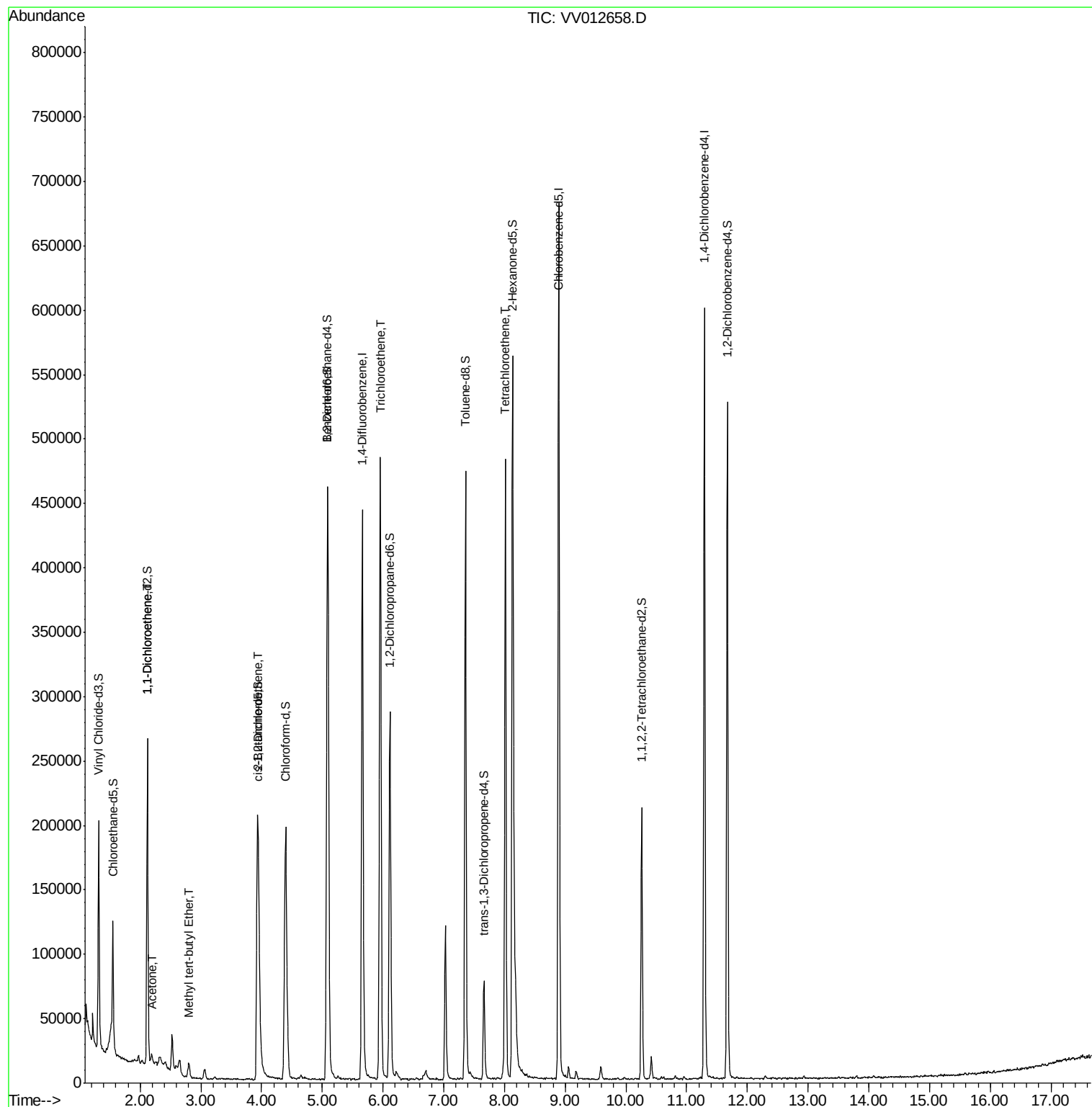
					Ovalue
12) 1,1-Dichloroethene	2.13	96	4708	0.202 ug/L #	1
13) Acetone	2.19	43	5145	1.430 ug/L	91
17) Methyl tert-butyl Ether	2.80	73	10585	0.193 ug/L #	96
22) cis-1,2-Dichloroethene	3.95	96	13321	0.467 ug/L	96
34) Trichloroethene	5.96	95	160170	5.263 ug/L	100
47) Tetrachloroethene	8.02	164	109841	4.598 ug/L	98

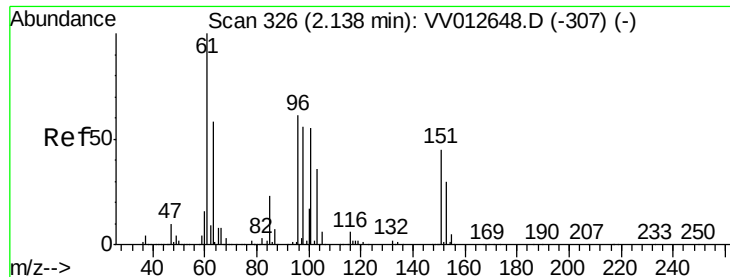
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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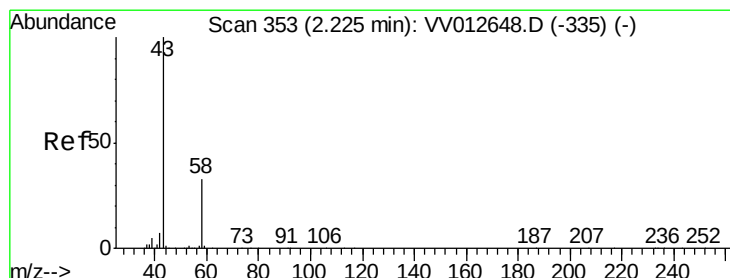
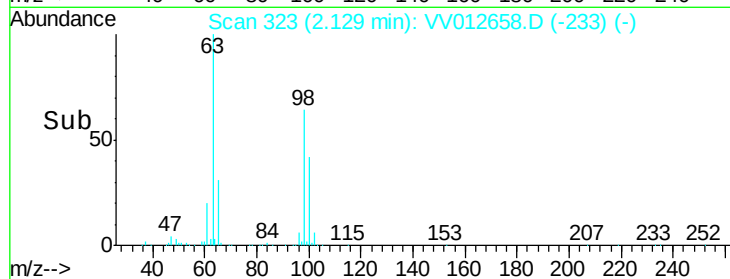
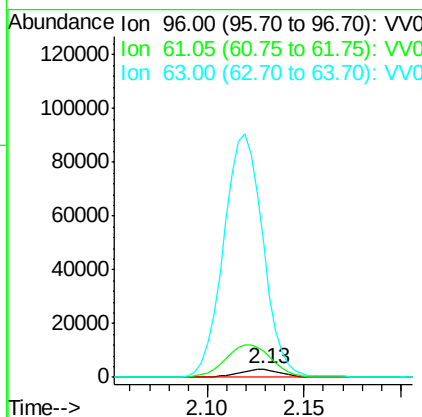
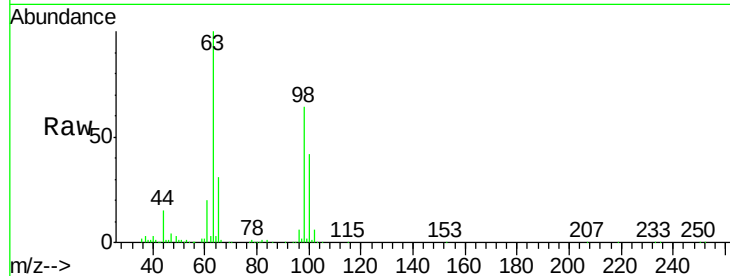




#12
 1,1-Dichloroethene
 Concen: 0.202 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV012658.D
 Acq: 10 Sep 2019 15:36

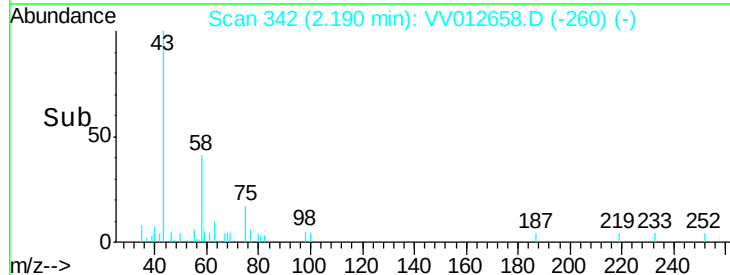
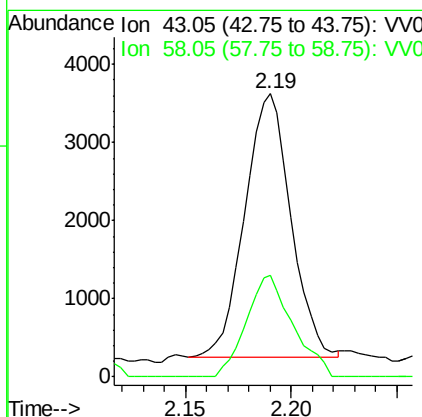
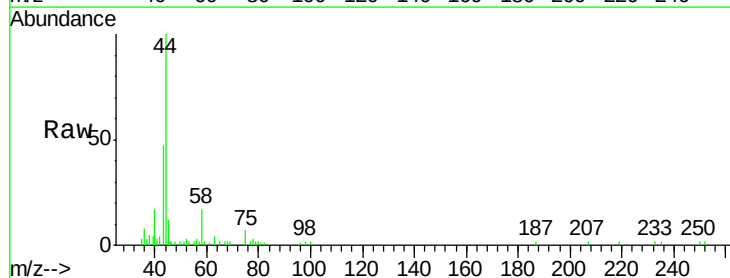
Instrument :
 MSVOA_V
 ClientSampleId :
 BFDA3DL

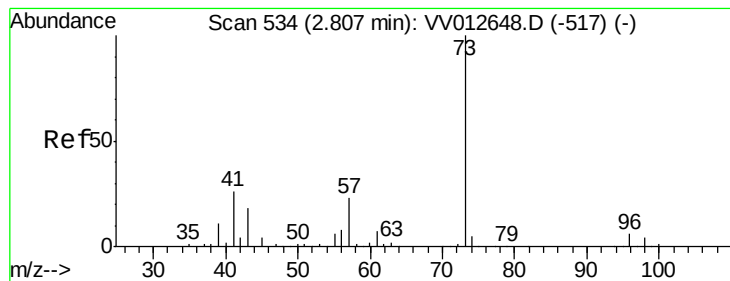
Tot Ion: 96 Resp: 4708
 Ion Ratio Lower Upper
 96 100
 61 311.4 115.8 215.0#
 63 1553.4 79.4 147.4#



#13
 Acetone
 Concen: 1.430 ug/L
 RT: 2.19 min Scan# 342
 Delta R.T. -0.04 min
 Lab File: VV012658.D
 Acq: 10 Sep 2019 15:36

Tgt Ion: 43 Resp: 5145
 Ion Ratio Lower Upper
 43 100
 58 38.6 0.0 67.4





#17

Methyl tert-butyl Ether

Concen: 0.193 ug/L

RT: 2.80 min Scan# 532

Delta R.T. -0.01 min

Lab File: VV012658.D

Acq: 10 Sep 2019 15:36

Instrument :

MSVOA_V

ClientSampleId :

BFDA3DL

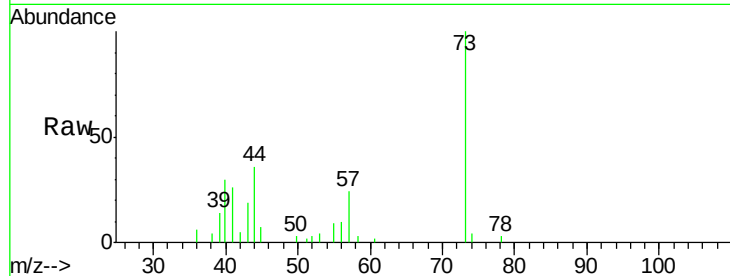
Tot Ion: 73 Resp: 10585

Ion Ratio Lower Upper

73 100

43 21.9 14.6 21.8#

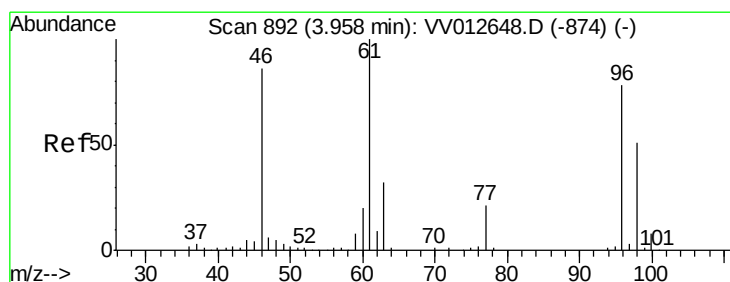
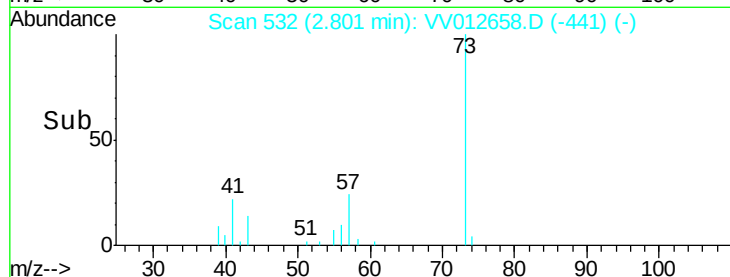
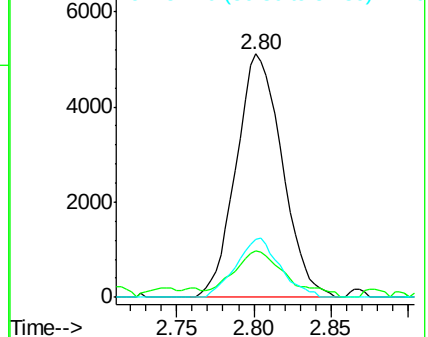
57 23.2 18.2 27.2



Abundance Ion 73.10 (72.80 to 73.80): VV0

Ion 43.05 (42.75 to 43.75): VV0

Ion 57.10 (56.80 to 57.80): VV0



#22

cis-1,2-Dichloroethene

Concen: 0.467 ug/L

RT: 3.95 min Scan# 890

Delta R.T. -0.01 min

Lab File: VV012658.D

Acq: 10 Sep 2019 15:36

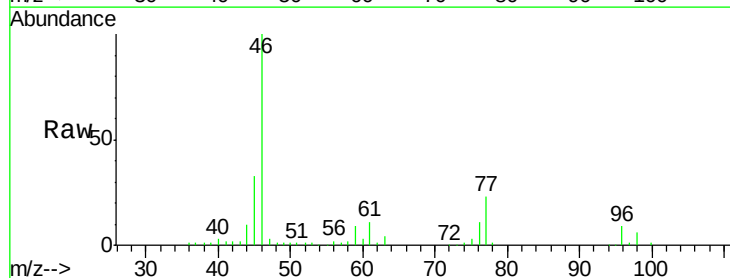
Tgt Ion: 96 Resp: 13321

Ion Ratio Lower Upper

96 100

61 124.0 89.7 166.5

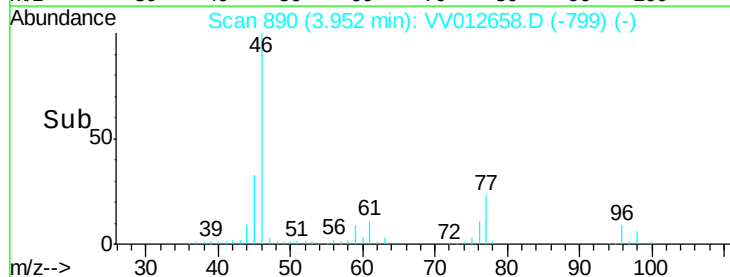
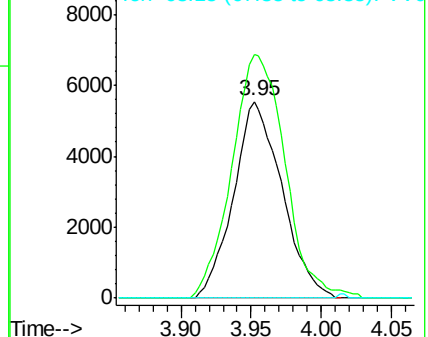
68 0.0 0.0 0.0

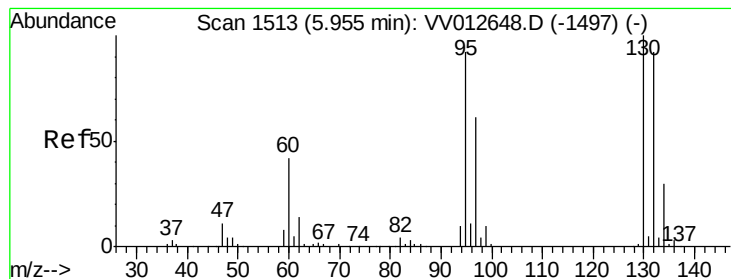


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0





#34

Trichloroethene

Concen: 5.263 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV012658.D

Acq: 10 Sep 2019 15:36

Instrument :

MSVOA_V

ClientSampleId :

BFDA3DL

Tot Ion: 95 Resp: 160170

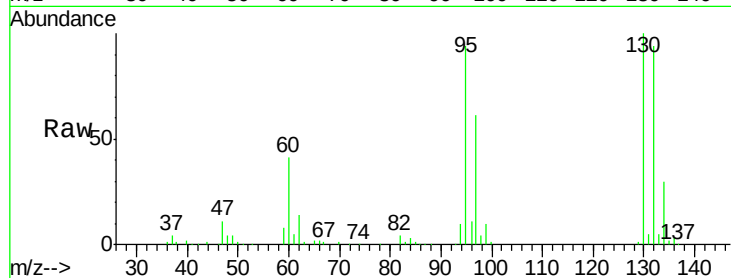
Ion Ratio Lower Upper

95 100

97 64.7 45.4 84.2

132 99.7 70.2 130.4

130 106.2 74.2 137.8

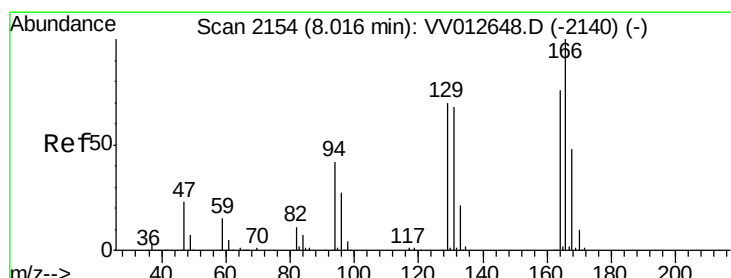
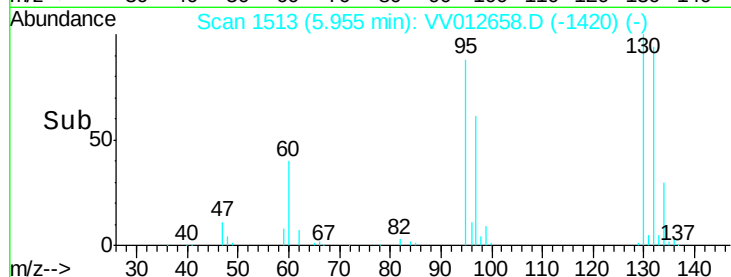
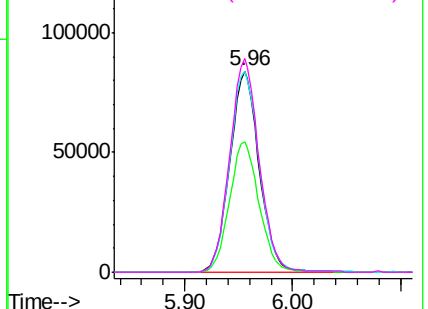


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#47

Tetrachloroethene

Concen: 4.598 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV012658.D

Acq: 10 Sep 2019 15:36

Tgt Ion: 164 Resp: 109841

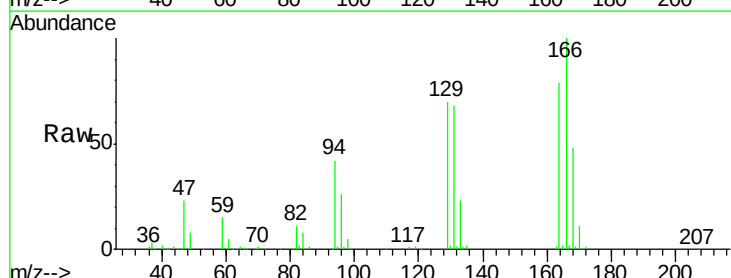
Ion Ratio Lower Upper

164 100

129 87.7 61.9 114.9

131 85.7 59.7 110.9

166 126.0 90.4 167.8



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

