

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052919\
 Data File : VV011127.D
 Acq On : 30 May 2019 02:34
 Operator : SY/MD
 Sample : K3017-20
 Misc : 3.50G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51F1

Quant Time: May 31 11:34:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 30 04:49:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	307489	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	213873	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	46407	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	107857	25.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.36%
7) Chloroethane-d5	1.56	69	87208	28.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.92%
10) 1,1-Dichloroethene-d2	2.11	63	145560	18.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.24%
20) 2-Butanone-d5	3.93	46	83736	57.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.26%
24) Chloroform-d	4.39	84	185756	24.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.64%
26) 1,2-Dichloroethane-d4	5.07	65	117892	24.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.92%
29) Benzene-d6	5.09	84	396895	31.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	126.76%
33) 1,2-Dichloropropane-d6	6.11	67	124903	31.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	125.40%#
37) Toluene-d8	7.36	98	328492	28.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.84%
38) trans-1,3-Dichloropropene-	7.66	79	49482	26.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.64%
39) 2-Hexanone-d5	8.13	63	59969	69.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.18%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	80483	23.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.96%
61) 1,2-Dichlorobenzene-d4	11.67	152	39314	21.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.68%

Target Compounds

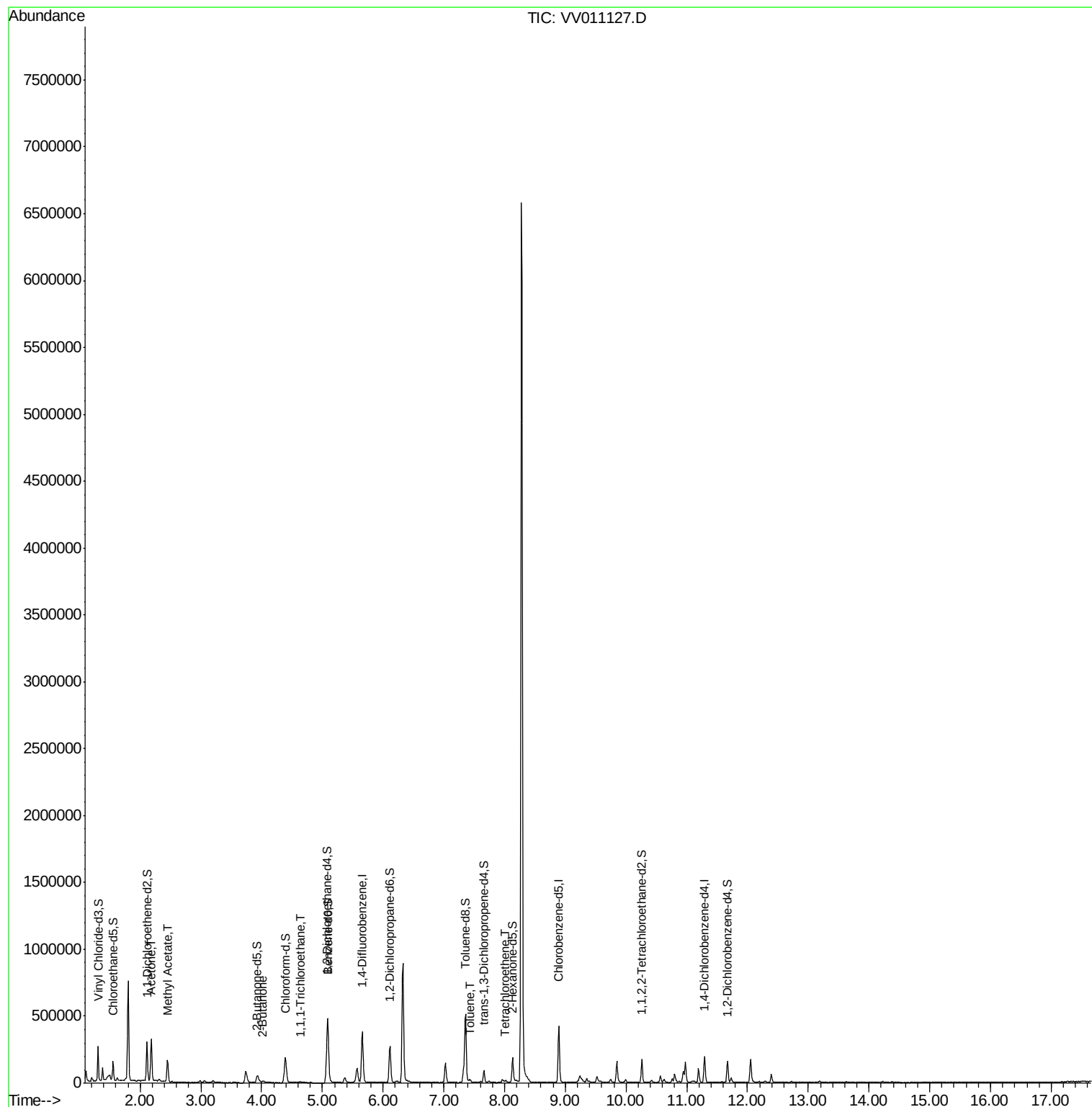
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.18	43	302939	184.042	ug/L	99
15) Methyl Acetate	2.45	43	177036	74.514	ug/L #	100
21) 2-Butanone	4.02	43	14213	7.011	ug/L	78
31) 1,1,1-Trichloroethane	4.65	97	3902	0.801	ug/L #	93
44) Toluene	7.43	91	11342	0.807	ug/L	98
47) Tetrachloroethene	8.02	164	2269	0.931	ug/L	93

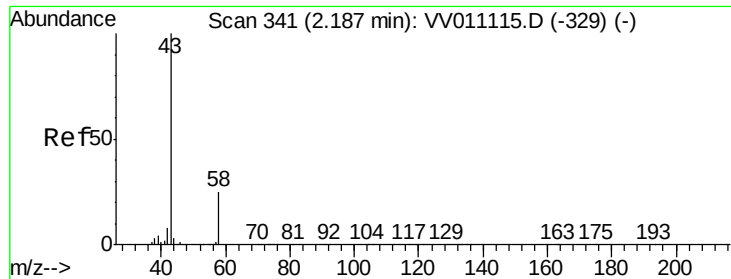
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 30 04:49:33 2019
Response via : Initial Calibration





#13

Acetone

Concen: 184.042 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

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Acq: 30 May 2019 02:34

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MSVOA_V

ClientSampleId :

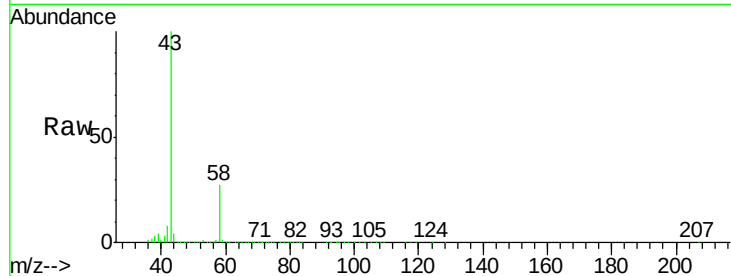
A51F1

Tot Ion: 43 Resp: 302939

Ion Ratio Lower Upper

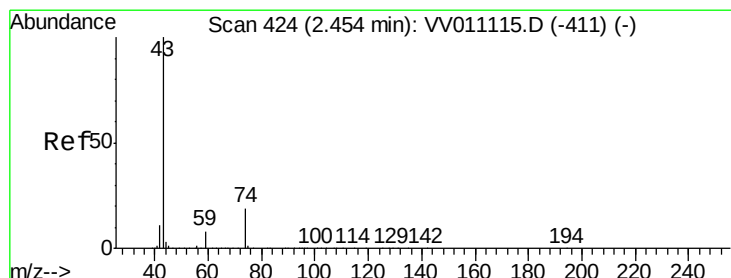
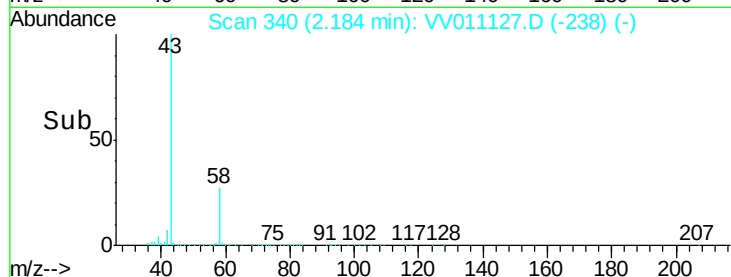
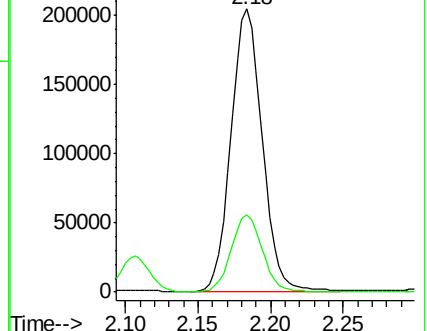
43 100

58 27.1 0.0 54.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#15

Methyl Acetate

Concen: 74.514 ug/L

RT: 2.45 min Scan# 423

Delta R.T. -0.00 min

Lab File: VV011127.D

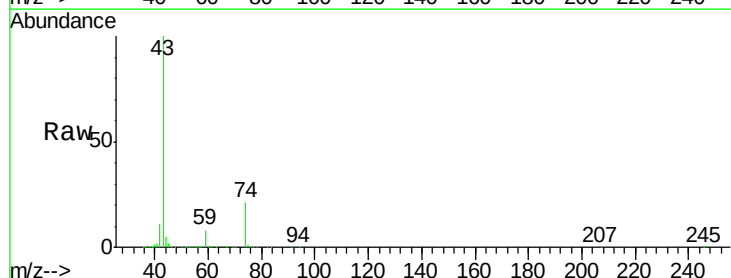
Acq: 30 May 2019 02:34

Tgt Ion: 43 Resp: 177036

Ion Ratio Lower Upper

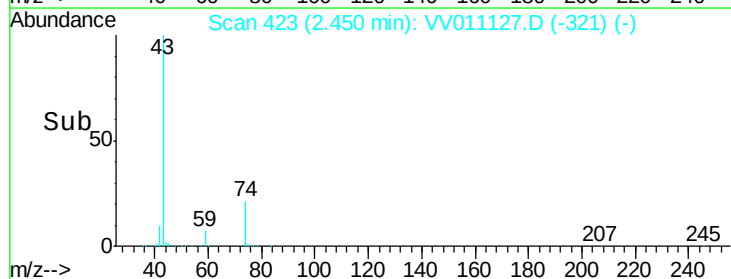
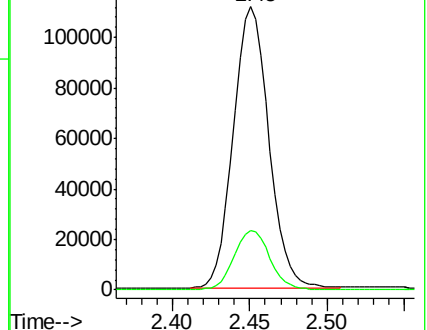
43 100

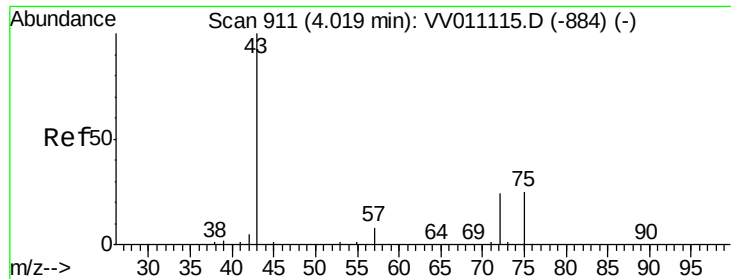
74 21.3 0.0 0.0#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0





#21

2-Butanone

Concen: 7.011 ug/L

RT: 4.02 min Scan# 912

Delta R.T. 0.00 min

Lab File: VV011127.D

Acq: 30 May 2019 02:34

Instrument :

MSVOA_V

ClientSampleId :

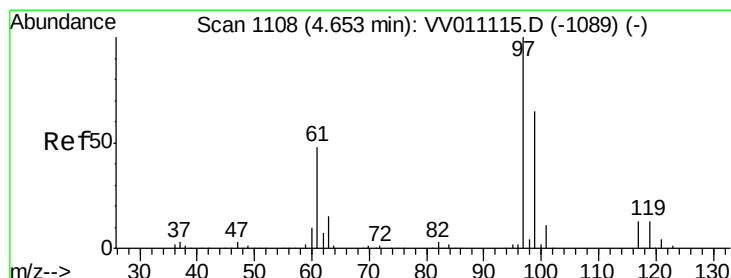
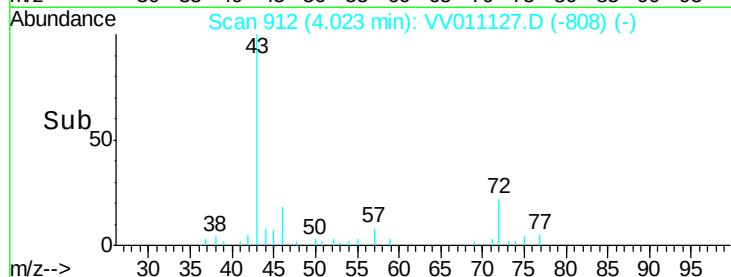
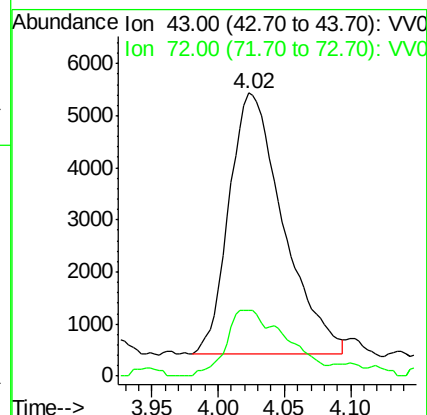
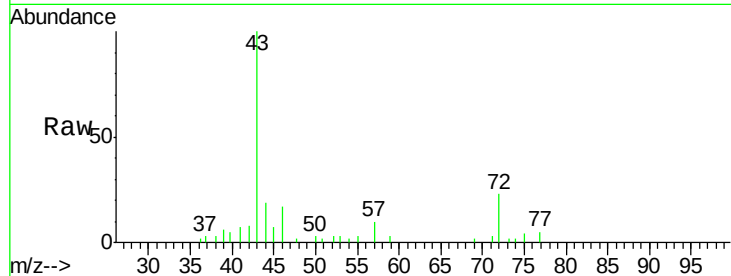
A51F1

Tot Ion: 43 Resp: 14213

Ion Ratio Lower Upper

43 100

72 11.0 10.7 31.9



#31

1,1,1-Trichloroethane

Concen: 0.801 ug/L

RT: 4.65 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VV011127.D

Acq: 30 May 2019 02:34

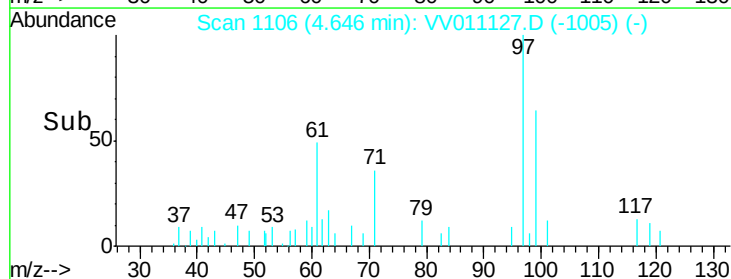
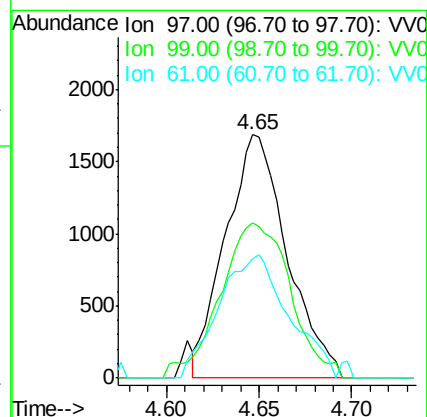
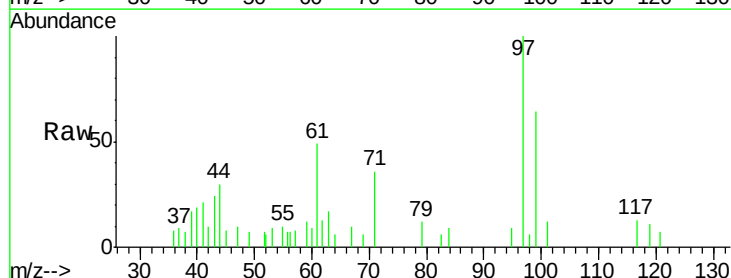
Tgt Ion: 97 Resp: 3902

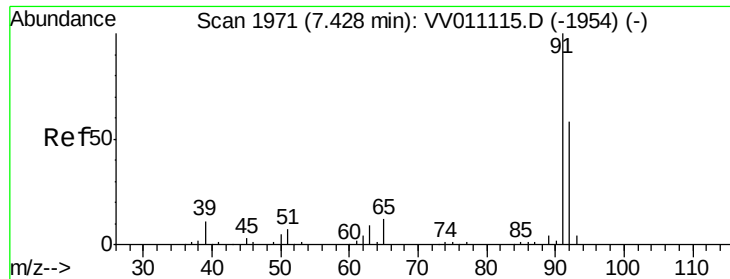
Ion Ratio Lower Upper

97 100

99 63.8 51.5 77.3

61 57.6 38.2 57.2#





#44

Toluene

Concen: 0.807 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV011127.D

Acq: 30 May 2019 02:34

Instrument :

MSVOA_V

ClientSampleId :

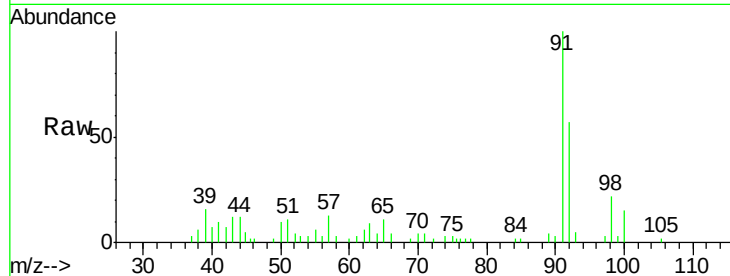
A51F1

Tot Ion: 91 Resp: 11342

Ion Ratio Lower Upper

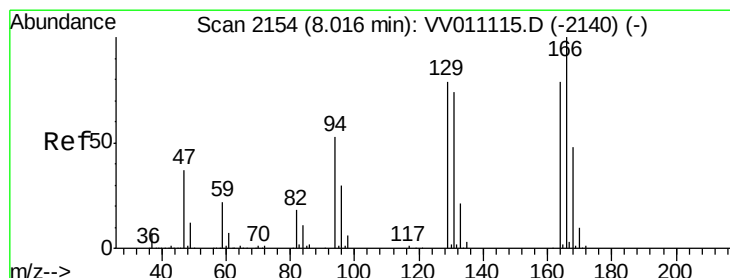
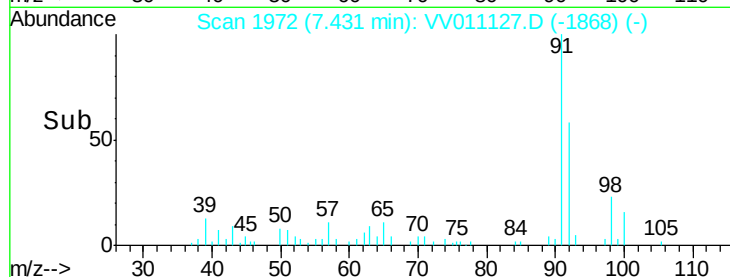
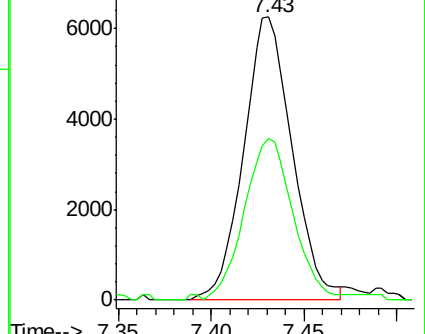
91 100

92 57.1 41.0 76.2



Abundance Ion 91.00 (90.70 to 91.70): VV011115.D (-1954) (-)

Ion 92.00 (91.70 to 92.70): VV011115.D (-1954) (-)



#47

Tetrachloroethene

Concen: 0.931 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV011127.D

Acq: 30 May 2019 02:34

Tgt Ion: 164 Resp: 2269

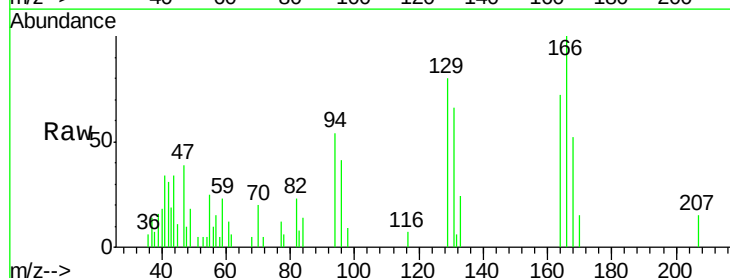
Ion Ratio Lower Upper

164 100

129 110.4 70.7 131.3

131 91.1 66.6 123.8

166 138.0 90.2 167.6



Abundance Ion 164.00 (163.70 to 164.70): VV011115.D (-2140) (-)

Ion 129.00 (128.70 to 129.70): VV011115.D (-2140) (-)

Ion 131.00 (130.70 to 131.70): VV011115.D (-2140) (-)

Ion 166.00 (165.70 to 166.70): VV011115.D (-2140) (-)

