

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080818\
 Data File : VV006938.D
 Acq On : 08 Aug 2018 17:11
 Operator : SY/MD
 Sample : J4357-02RE
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESWS1RE

Quant Time: Aug 09 07:42:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 09 07:05:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	199750	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	190513	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	78139	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52189	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	1.58	69	55439	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.13	63	81772	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	3.97	46	231370	60.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.08%
24) Chloroform-d	4.40	84	136291	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
26) 1,2-Dichloroethane-d4	5.09	65	74608	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.40%
32) Benzene-d6	5.10	84	247062	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
36) 1,2-Dichloropropane-d6	6.12	67	89177	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.37	98	185124	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	7.67	79	25634	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.15	63	116949	51.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.82%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	72136	5.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	66917	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

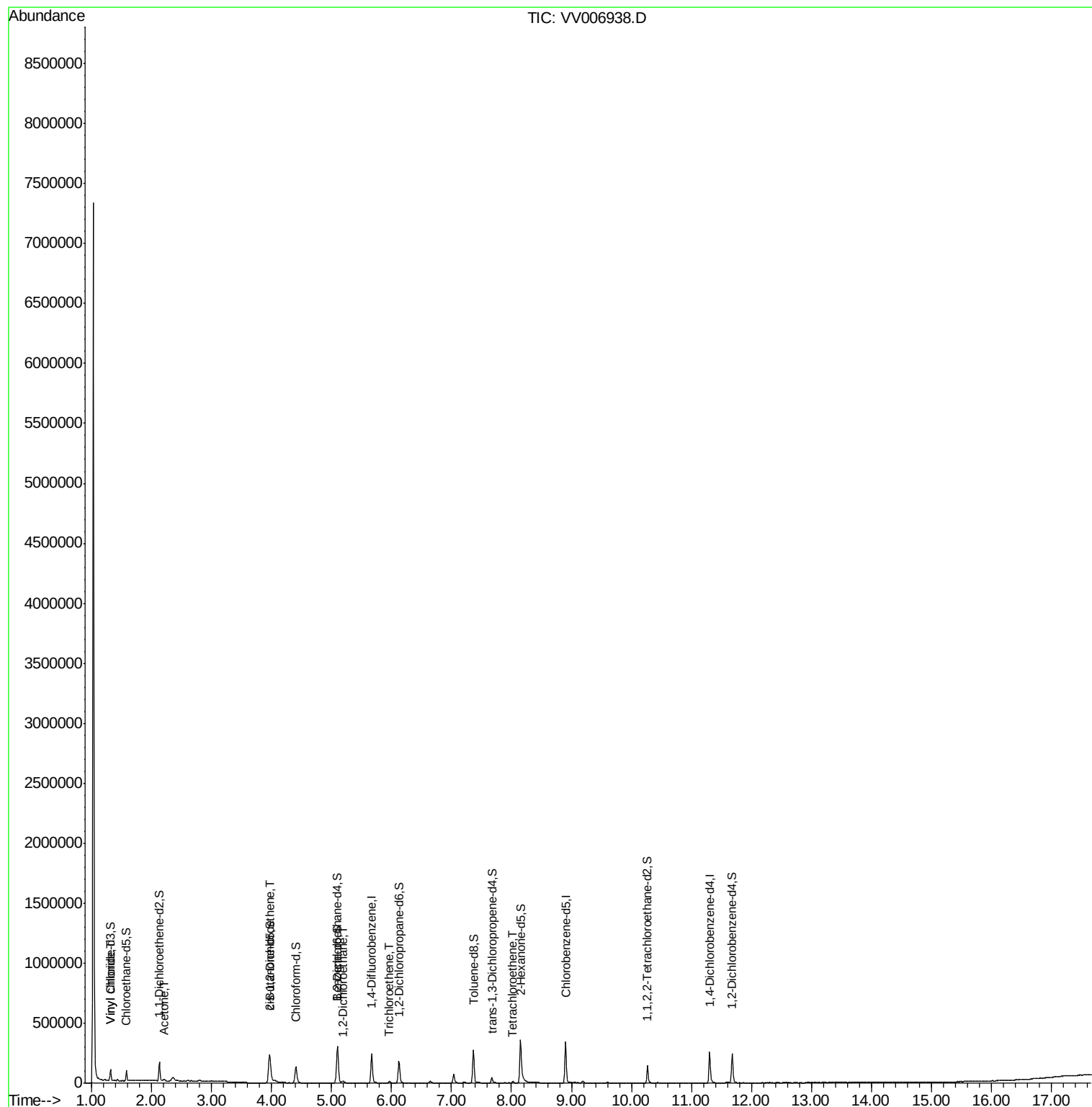
					Ovalue
5) Vinyl chloride	1.32	62	8414	0.45 ug/L	# 79
13) Acetone	2.20	43	12339	4.95 ug/L	86
22) cis-1,2-Dichloroethene	3.97	96	61261	4.27 ug/L	97
27) 1,2-Dichloroethane	5.19	62	11772	0.68 ug/L	99
34) Trichloroethene	5.97	95	4700	0.34 ug/L	94
47) Tetrachloroethene	8.02	164	2512	0.24 ug/L	77

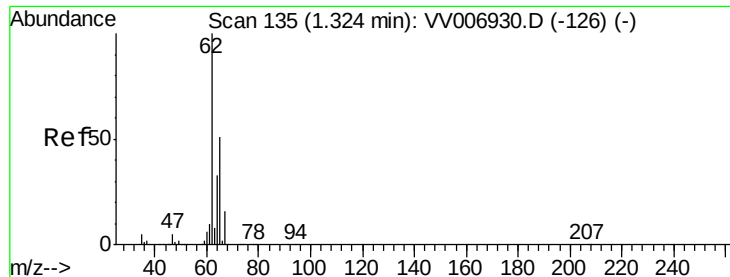
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 09 07:05:51 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.45 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.00 min

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Acq: 08 Aug 2018 17:11

Instrument :

MSVOA_V

ClientSampleId :

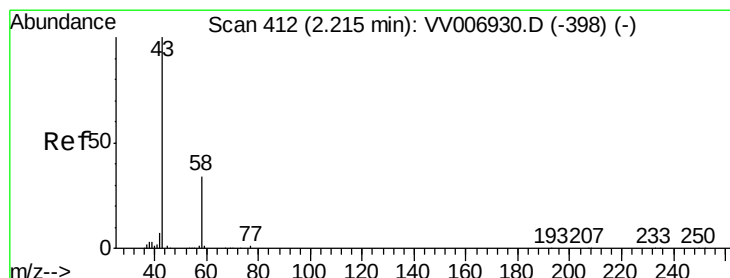
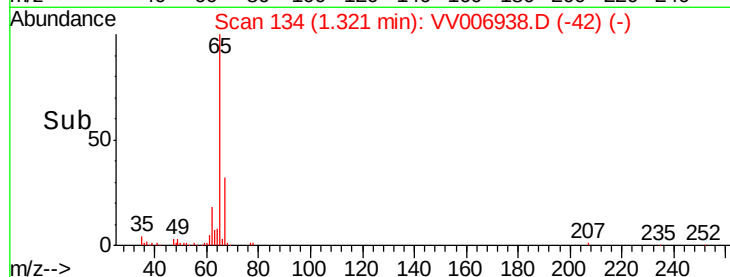
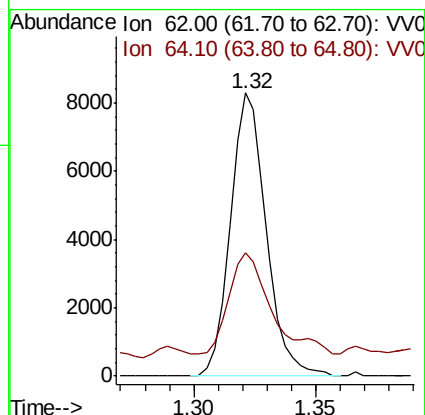
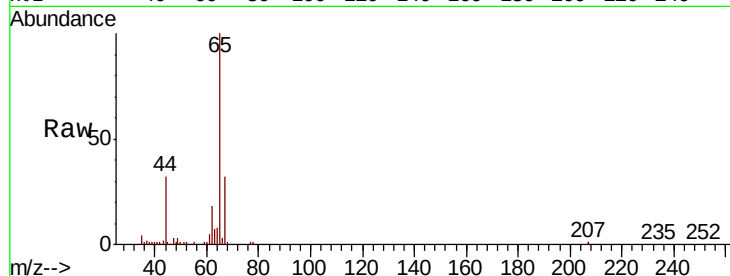
ESWS1RE

Tot Ion: 62 Resp: 8414

Ion Ratio Lower Upper

62 100

64 43.4 22.1 41.1#



#13

Acetone

Concen: 4.95 ug/L

RT: 2.20 min Scan# 408

Delta R.T. -0.01 min

Lab File: VV006938.D

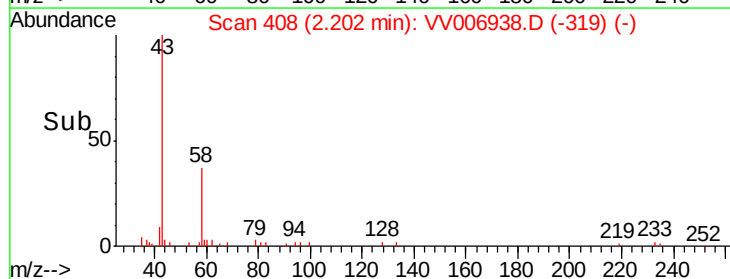
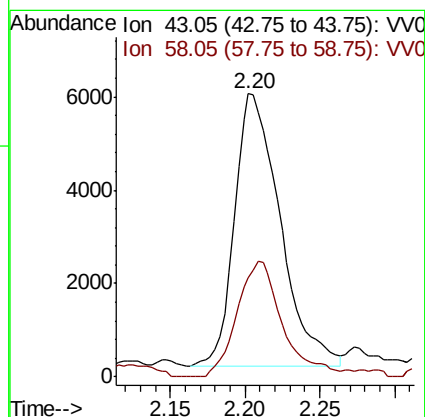
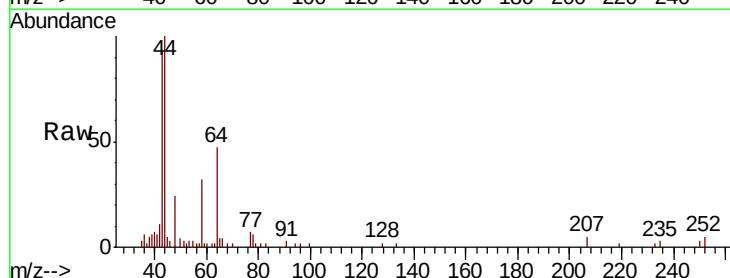
Acq: 08 Aug 2018 17:11

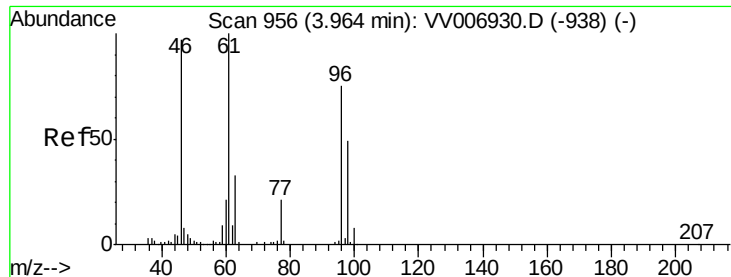
Tgt Ion: 43 Resp: 12339

Ion Ratio Lower Upper

43 100

58 42.3 0.0 68.0





#22

cis-1,2-Dichloroethene

Concen: 4.27 ug/L

RT: 3.97 min Scan# 957

Delta R.T. 0.00 min

Lab File: VV006938.D

Acq: 08 Aug 2018 17:11

Instrument :

MSVOA_V

ClientSampleId :

ESWS1RE

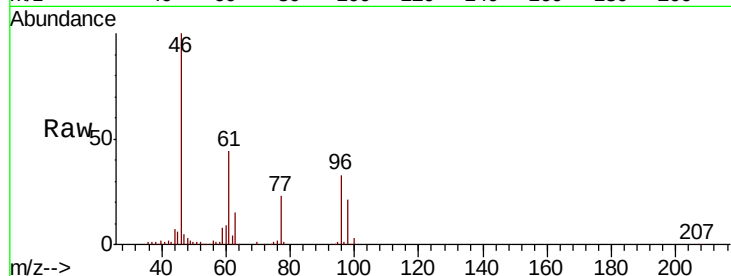
Tot Ion: 96 Resp: 61261

Ion Ratio Lower Upper

96 100

61 132.5 95.5 177.4

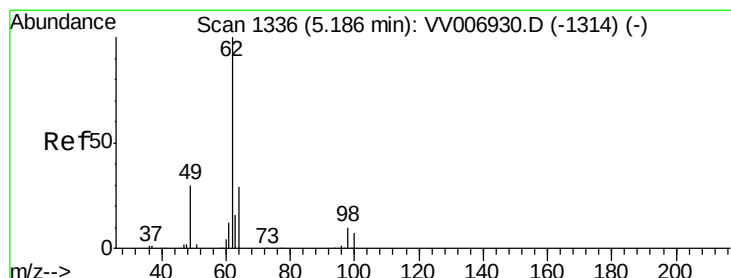
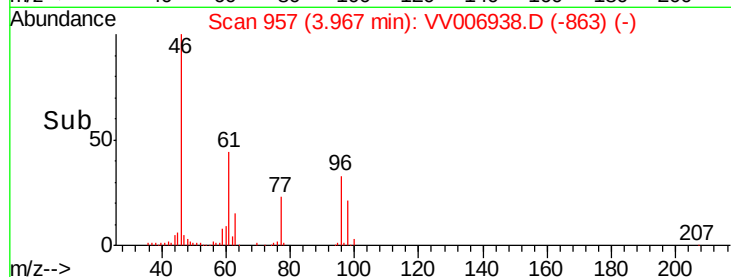
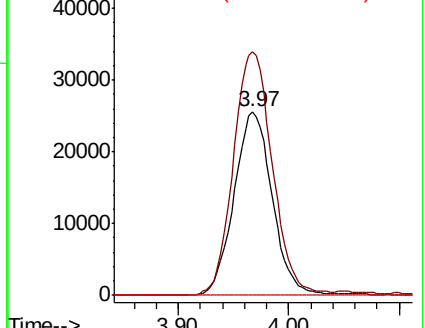
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV006938.D (-938) (-)

Ion 61.05 (60.75 to 61.75): VV006938.D (-938) (-)

Ion 68.15 (67.85 to 68.85): VV006938.D (-938) (-)



#27

1,2-Dichloroethane

Concen: 0.68 ug/L

RT: 5.19 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VV006938.D

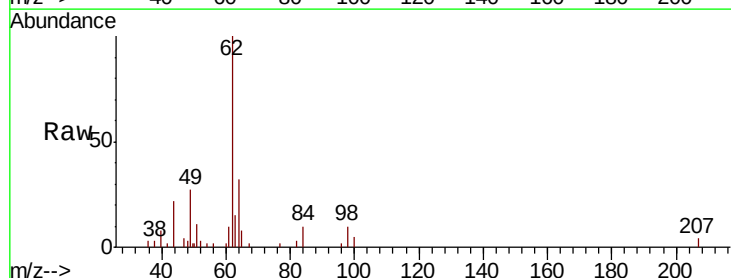
Acq: 08 Aug 2018 17:11

Tgt Ion: 62 Resp: 11772

Ion Ratio Lower Upper

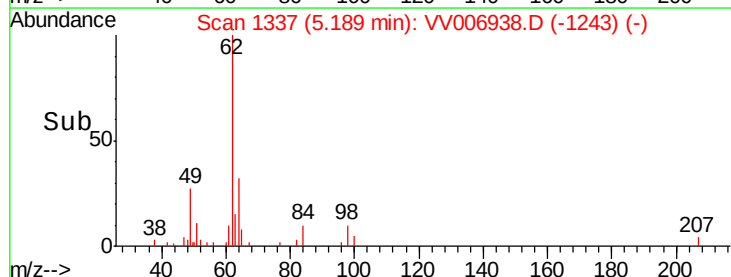
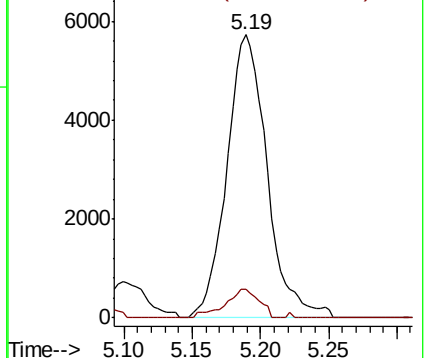
62 100

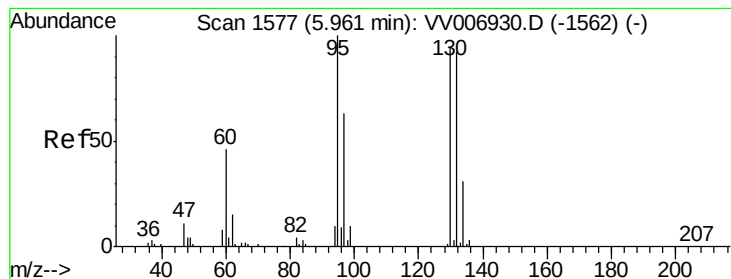
98 10.1 7.8 11.8



Abundance Ion 62.00 (61.70 to 62.70): VV006938.D (-1243) (-)

Ion 98.05 (97.75 to 98.75): VV006938.D (-1243) (-)





#34

Trichloroethene

Concen: 0.34 ug/L

RT: 5.97 min Scan# 1579

Delta R.T. 0.01 min

Lab File: VV006938.D

Acq: 08 Aug 2018 17:11

Instrument :

MSVOA_V

ClientSampleId :

ESWS1RE

Tot Ion: 95 Resp: 4700

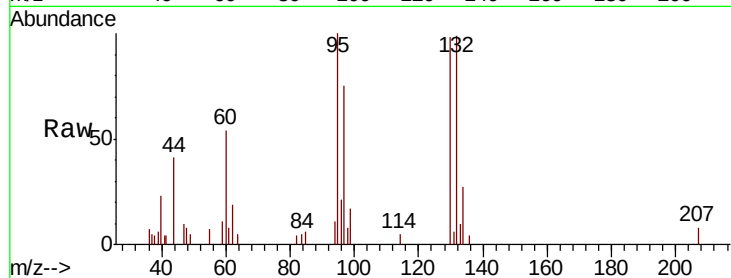
Ion Ratio Lower Upper

95 100

97 75.0 44.4 82.4

132 99.4 65.6 121.8

130 98.5 68.8 127.8

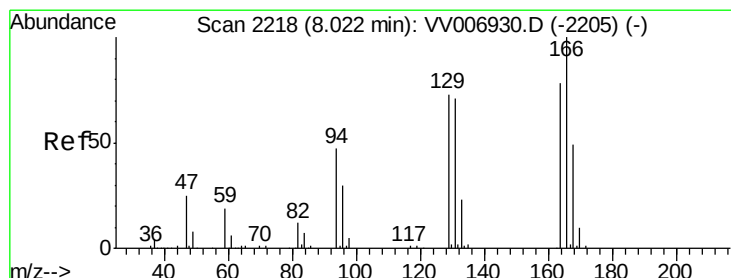
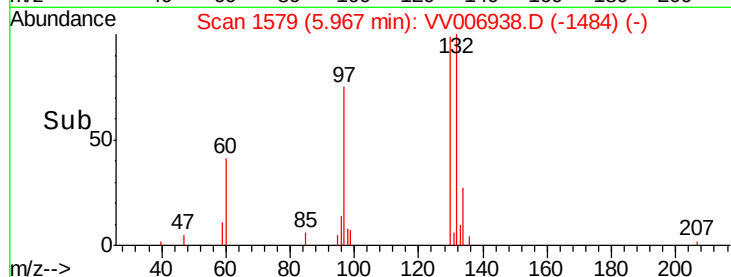
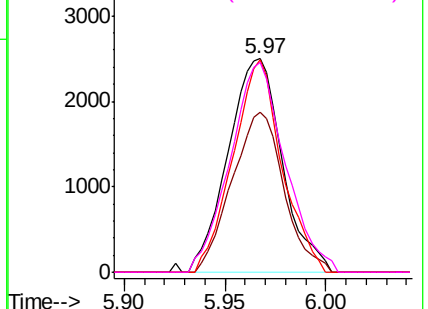


Abundance Ion 95.00 (94.70 to 95.70): VV006938.D (-1562) (-)

Ion 96.95 (96.65 to 97.65): VV006938.D (-1562) (-)

Ion 131.95 (131.65 to 132.65): VV006938.D (-1562) (-)

Ion 129.95 (129.65 to 130.65): VV006938.D (-1562) (-)



#47

Tetrachloroethene

Concen: 0.24 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VV006938.D

Acq: 08 Aug 2018 17:11

Tgt Ion: 164 Resp: 2512

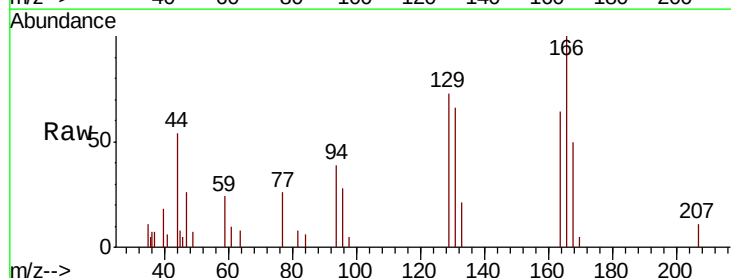
Ion Ratio Lower Upper

164 100

129 113.3 63.1 117.3

131 102.8 62.3 115.7

166 156.2 87.4 162.4



Abundance Ion 163.90 (163.60 to 164.60): VV006938.D (-2205) (-)

Ion 128.95 (128.65 to 129.65): VV006938.D (-2205) (-)

Ion 130.95 (130.65 to 131.65): VV006938.D (-2205) (-)

Ion 165.90 (165.60 to 166.60): VV006938.D (-2205) (-)

