

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080818\
 Data File : VV006933.D
 Acq On : 08 Aug 2018 14:57
 Operator : SY/MD
 Sample : J4357-18
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESWT6

Quant Time: Aug 09 07:20:26 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	206198	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	200160	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	78090	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83760	6.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	135.40%#
7) Chloroethane-d5	1.58	69	62904	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.00%
11) 1,1-Dichloroethene-d2	2.13	63	109105	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.80%
20) 2-Butanone-d5	3.97	46	211580	53.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.26%
24) Chloroform-d	4.41	84	133011	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.09	65	70693	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.11	84	262853	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
36) 1,2-Dichloropropane-d6	6.12	67	91714	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.37	98	207463	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
43) trans-1,3-Dichloropropene-	7.67	79	27839	4.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.80%
46) 2-Hexanone-d5	8.15	63	117604	49.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.40%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	64103	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	66515	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

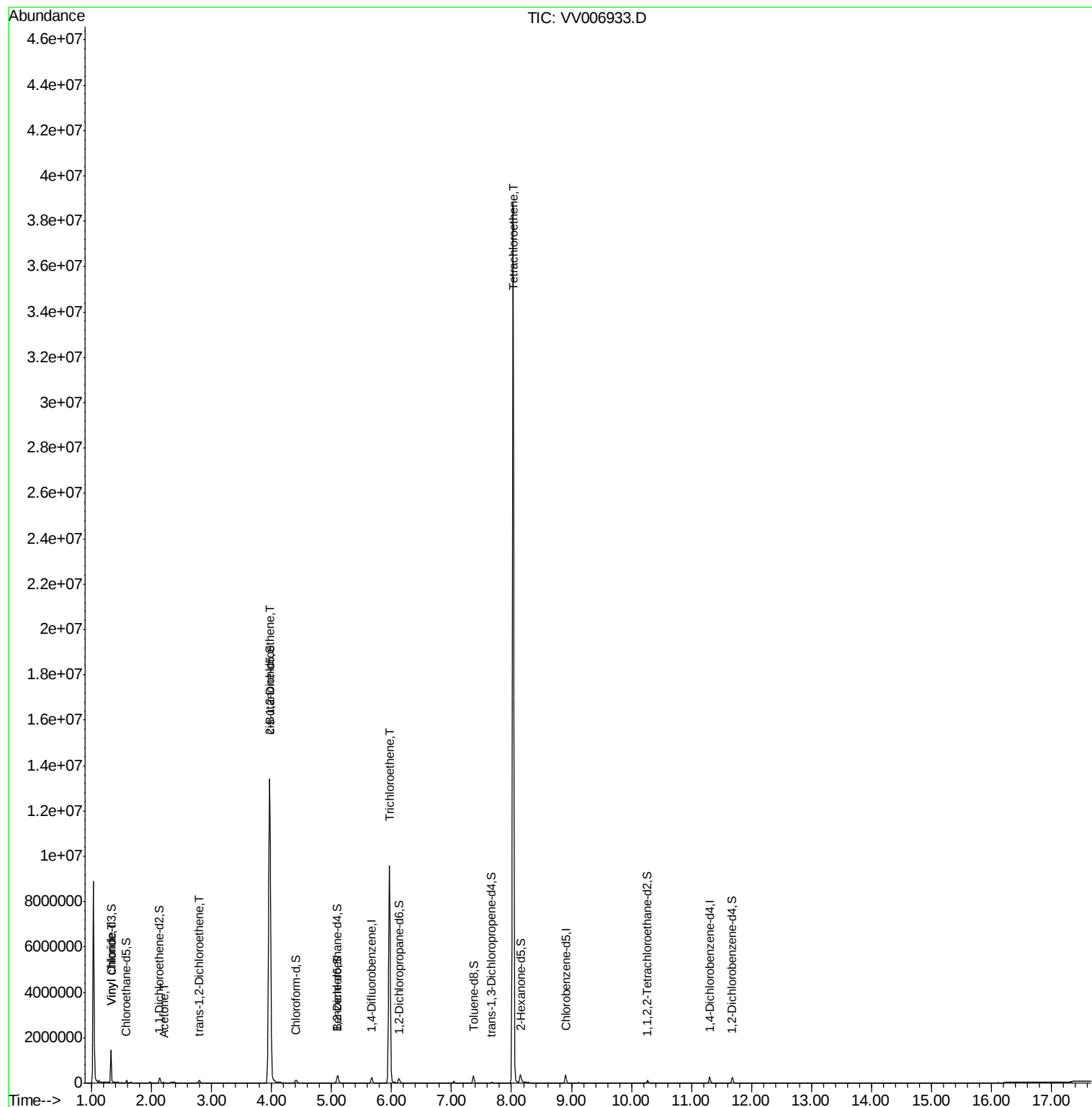
						Ovalue
5) Vinyl chloride	1.32	62	816546	42.13	ug/L	99
13) Acetone	2.21	43	9045	3.51	ug/L	80
18) trans-1,2-Dichloroethene	2.79	96	36940	2.49	ug/L	98
22) cis-1,2-Dichloroethene	3.97	96	7234670	488.22	ug/L	98
34) Trichloroethene	5.96	95	3295396	229.44	ug/L	99
47) Tetrachloroethene	8.03	164	8508208	778.56	ug/L	97

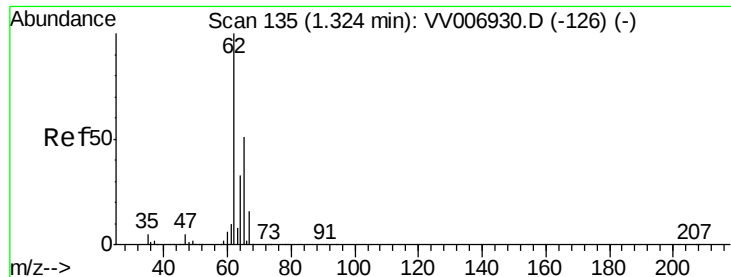
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#5

Vinyl chloride

Concen: 42.13 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV006933.D

Acq: 08 Aug 2018 14:57

Instrument :

MSVOA_V

ClientSampleId :

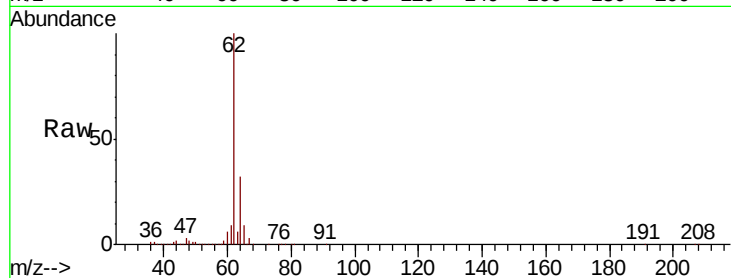
ESWT6

Tot Ion: 62 Resp: 816546

Ion Ratio Lower Upper

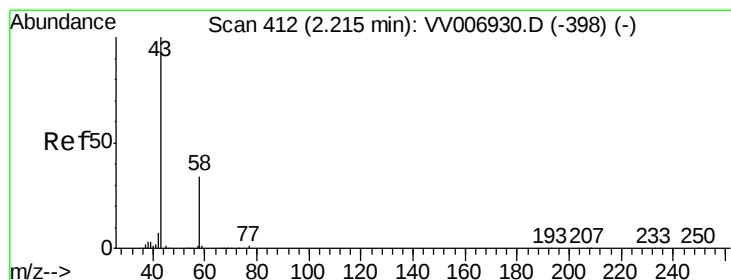
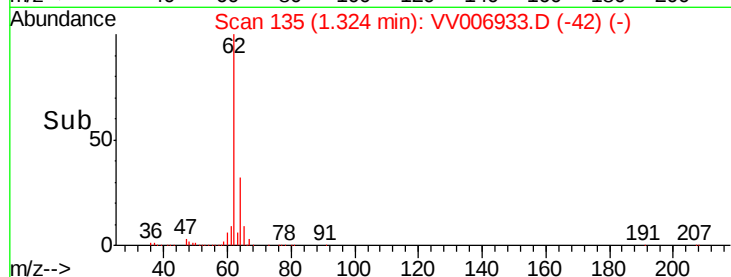
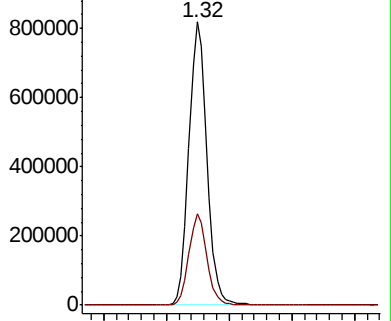
62 100

64 32.1 22.1 41.1



Abundance Ion 62.00 (61.70 to 62.70): VV006933.D (-126) (-)

Ion 64.10 (63.80 to 64.80): VV006933.D (-126) (-)



#13

Acetone

Concen: 3.51 ug/L

RT: 2.21 min Scan# 409

Delta R.T. -0.01 min

Lab File: VV006933.D

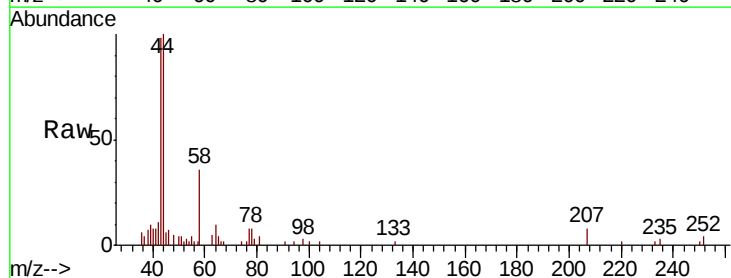
Acq: 08 Aug 2018 14:57

Tgt Ion: 43 Resp: 9045

Ion Ratio Lower Upper

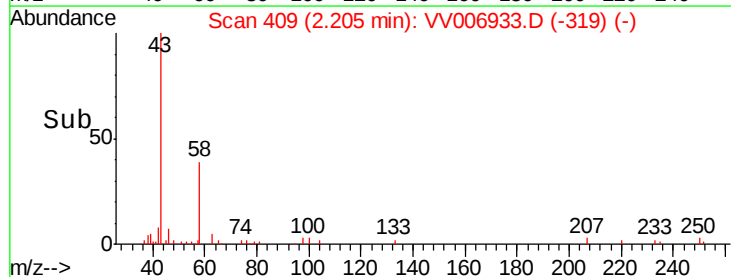
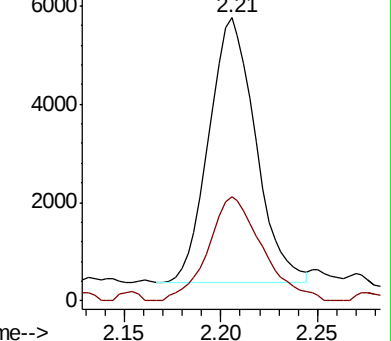
43 100

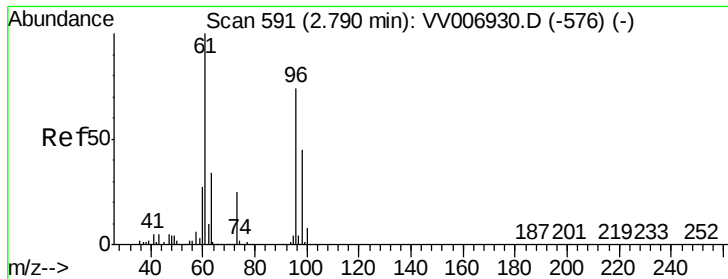
58 45.5 0.0 68.0



Abundance Ion 43.05 (42.75 to 43.75): VV006933.D (-398) (-)

Ion 58.05 (57.75 to 58.75): VV006933.D (-398) (-)





#18

trans-1,2-Dichloroethene

Concen: 2.49 ug/L

RT: 2.79 min Scan# 592

Delta R.T. 0.00 min

Lab File: VV006933.D

Acq: 08 Aug 2018 14:57

Instrument :

MSVOA_V

ClientSampleId :

ESWT6

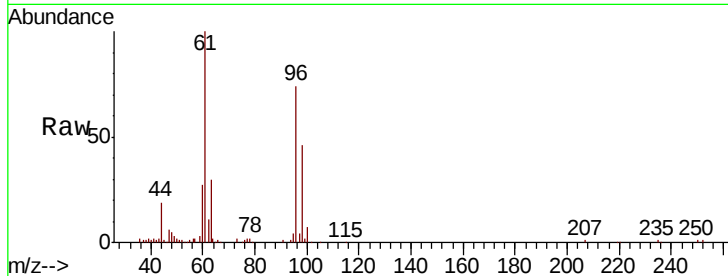
Tot Ion: 96 Resp: 36940

Ion Ratio Lower Upper

96 100

61 135.8 97.3 180.7

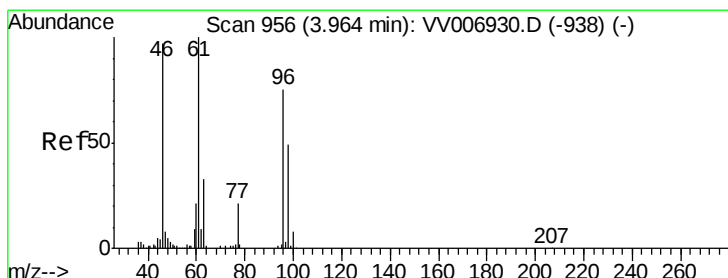
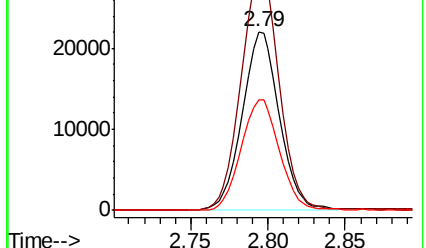
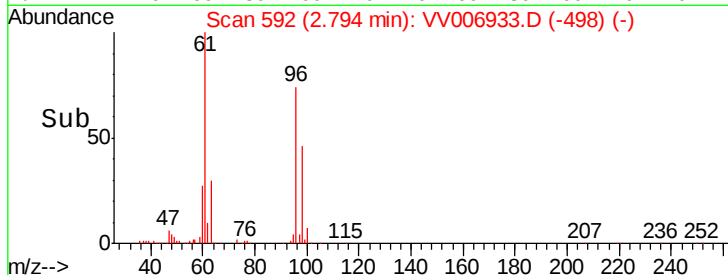
98 61.9 42.8 79.6



Abundance Ion 96.00 (95.70 to 96.70): VV006933.D (-498) (-)

Ion 61.05 (60.75 to 61.75): VV006933.D (-498) (-)

Ion 97.95 (97.65 to 98.65): VV006933.D (-498) (-)



#22

cis-1,2-Dichloroethene

Concen: 488.22 ug/L

RT: 3.97 min Scan# 958

Delta R.T. 0.01 min

Lab File: VV006933.D

Acq: 08 Aug 2018 14:57

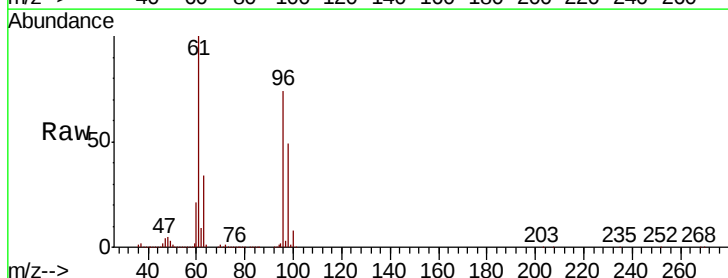
Tgt Ion: 96 Resp: 7234670

Ion Ratio Lower Upper

96 100

61 134.4 95.5 177.4

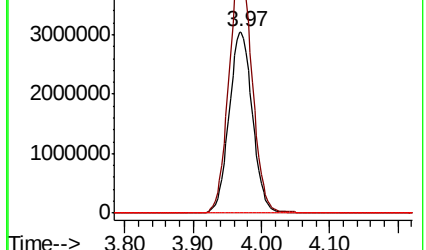
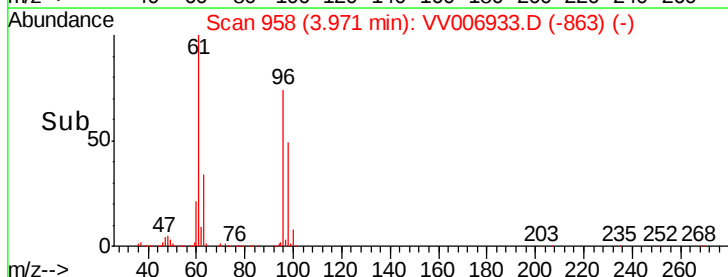
68 0.0 0.0 0.0

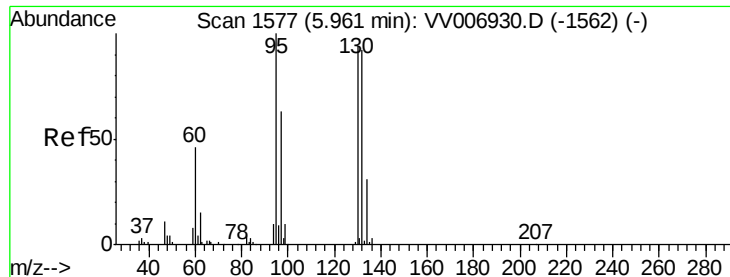


Abundance Ion 96.00 (95.70 to 96.70): VV006933.D (-863) (-)

Ion 61.05 (60.75 to 61.75): VV006933.D (-863) (-)

Ion 68.15 (67.85 to 68.85): VV006933.D (-863) (-)





#34

Trichloroethene

Concen: 229.44 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006933.D

Acq: 08 Aug 2018 14:57

Instrument :

MSVOA_V

ClientSampled :

ESWT6

Tot Ion: 95 Resp: 3295396

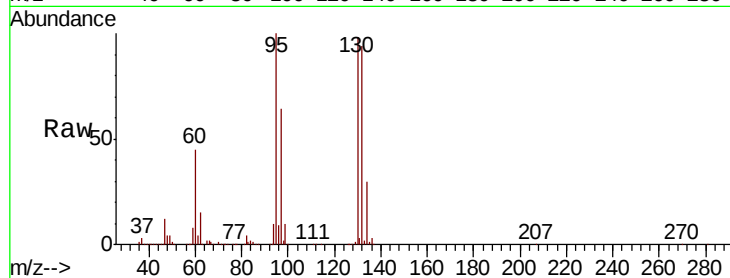
Ion Ratio Lower Upper

95 100

97 64.1 44.4 82.4

132 94.0 65.6 121.8

130 97.8 68.8 127.8

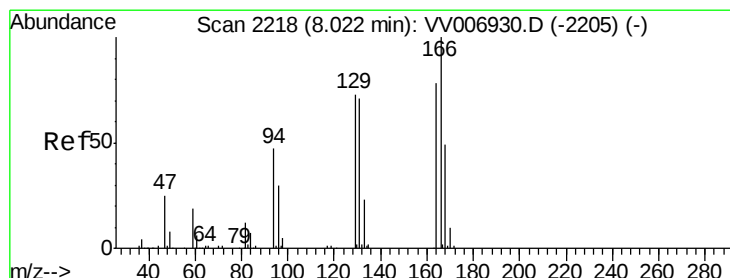
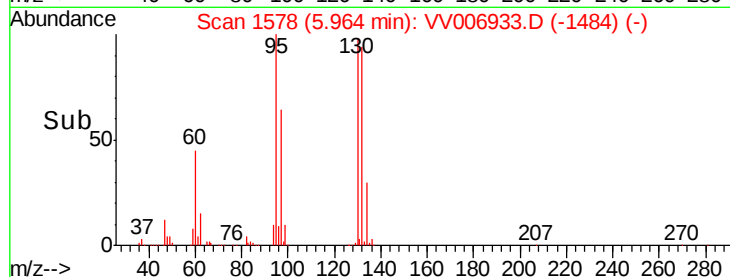
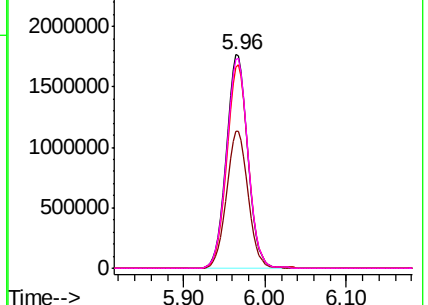


Abundance Ion 95.00 (94.70 to 95.70): VV006933.D (-1562) (-)

Ion 96.95 (96.65 to 97.65): VV006933.D (-1562) (-)

Ion 131.95 (131.65 to 132.65): VV006933.D (-1562) (-)

Ion 129.95 (129.65 to 130.65): VV006933.D (-1562) (-)



#47

Tetrachloroethene

Concen: 778.56 ug/L

RT: 8.03 min Scan# 2220

Delta R.T. 0.01 min

Lab File: VV006933.D

Acq: 08 Aug 2018 14:57

Tgt Ion: 164 Resp: 8508208

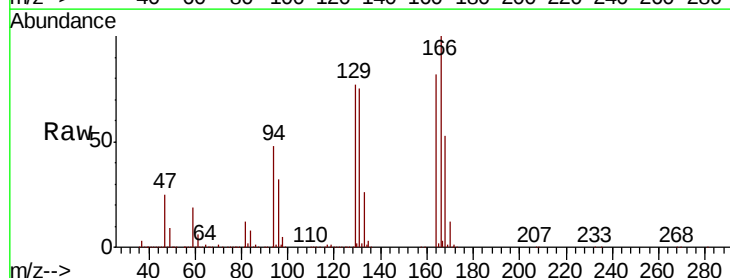
Ion Ratio Lower Upper

164 100

129 94.4 63.1 117.3

131 91.5 62.3 115.7

166 122.4 87.4 162.4



Abundance Ion 163.90 (163.60 to 164.60): VV006933.D (-2125) (-)

Ion 128.95 (128.65 to 129.65): VV006933.D (-2125) (-)

Ion 130.95 (130.65 to 131.65): VV006933.D (-2125) (-)

Ion 165.90 (165.60 to 166.60): VV006933.D (-2125) (-)

