

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080718\
 Data File : VV006924.D
 Acq On : 08 Aug 2018 03:31
 Operator : SY/MD
 Sample : J4357-16
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESWT4

Quant Time: Aug 08 07:54:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 08 07:06:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	199595	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	191553	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	71454	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	73223	6.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	122.40%
7) Chloroethane-d5	1.58	69	61832	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.60%
11) 1,1-Dichloroethene-d2	2.13	63	103389	4.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.00%
20) 2-Butanone-d5	3.97	46	255890	67.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	134.02%#
24) Chloroform-d	4.41	84	138389	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.00%
26) 1,2-Dichloroethane-d4	5.09	65	77906	5.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.40%
32) Benzene-d6	5.10	84	267466	5.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.00%
36) 1,2-Dichloropropane-d6	6.12	67	97072	5.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.80%
41) Toluene-d8	7.37	98	200262	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
43) trans-1,3-Dichloropropene-	7.67	79	25010	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	8.15	63	140063	61.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.46%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	72811	5.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	67427	5.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.60%

Target Compounds

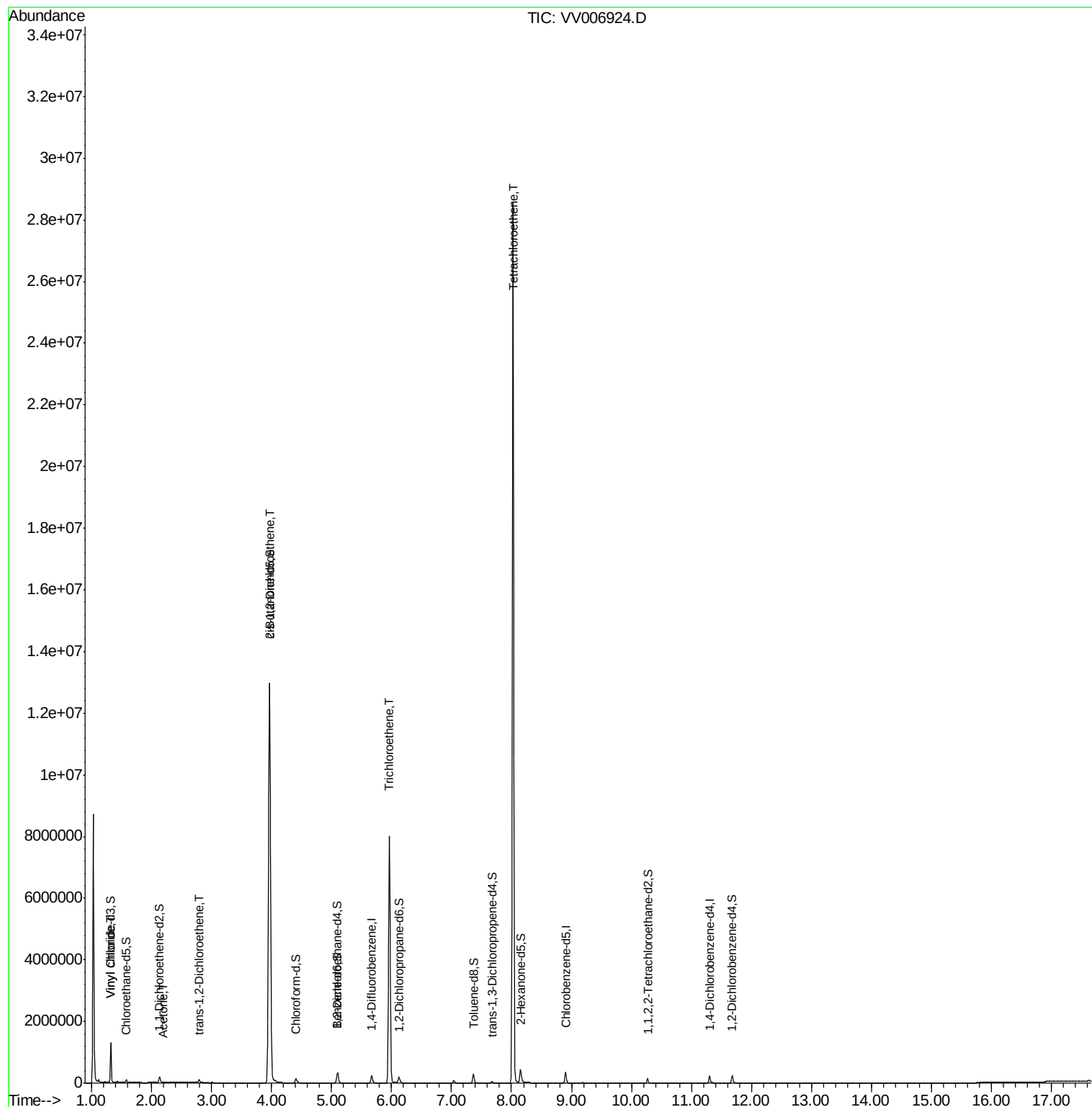
						Ovalue
5) Vinyl chloride	1.32	62	734880	39.17	ug/L	99
13) Acetone	2.21	43	7753	3.11	ug/L	95
18) trans-1,2-Dichloroethene	2.79	96	35551	2.48	ug/L	97
22) cis-1,2-Dichloroethene	3.97	96	6903631	481.29	ug/L	99
34) Trichloroethene	5.96	95	2749339	200.02	ug/L	99
47) Tetrachloroethene	8.03	164	6231058	595.81	ug/L	98

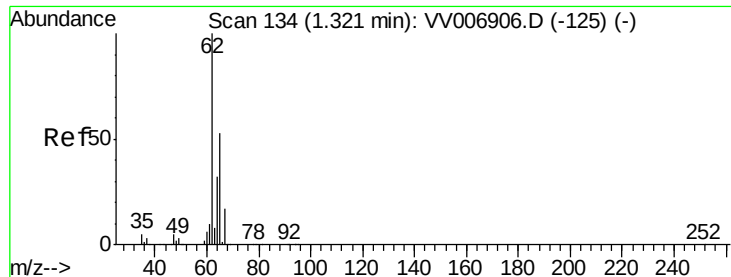
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 08 07:06:57 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 39.17 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.00 min

Lab File: VV006924.D

Acq: 08 Aug 2018 03:31

Instrument :

MSVOA_V

ClientSampled :

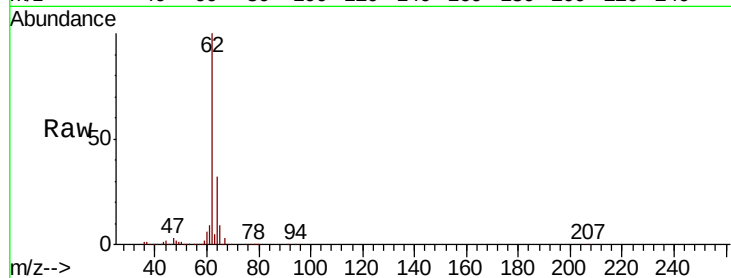
ESWT4

Tot Ion: 62 Resp: 734880

Ion Ratio Lower Upper

62 100

64 32.2 22.1 41.1



Abundance Ion 62.00 (61.70 to 62.70): VV006924.D (-125) (-)

Ion 64.10 (63.80 to 64.80): VV006924.D (-125) (-)

1.32

800000

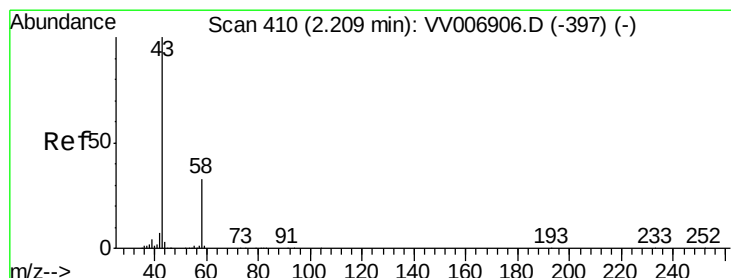
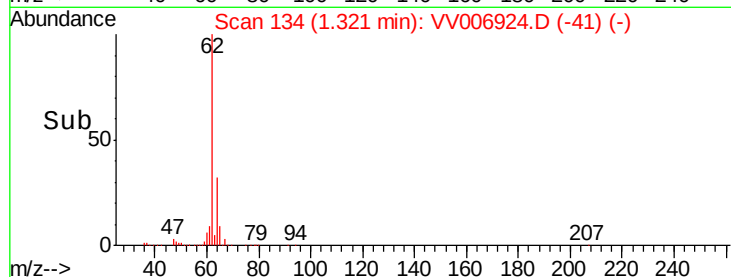
600000

400000

200000

0

Time-->



#13

Acetone

Concen: 3.11 ug/L

RT: 2.21 min Scan# 410

Delta R.T. -0.00 min

Lab File: VV006924.D

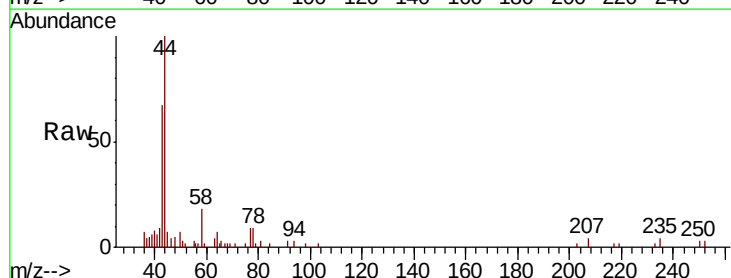
Acq: 08 Aug 2018 03:31

Tgt Ion: 43 Resp: 7753

Ion Ratio Lower Upper

43 100

58 37.0 0.0 68.0



Abundance Ion 43.05 (42.75 to 43.75): VV006924.D (-317) (-)

Ion 58.05 (57.75 to 58.75): VV006924.D (-317) (-)

2.21

5000

4000

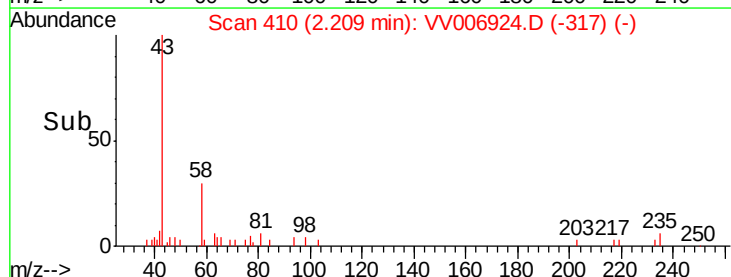
3000

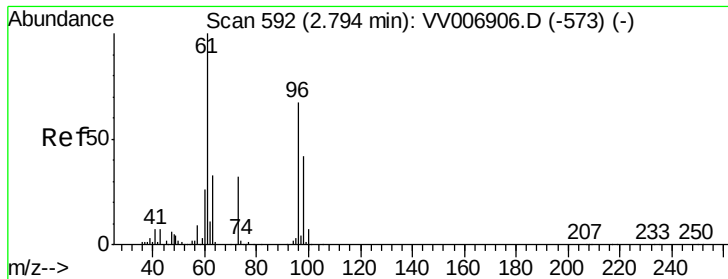
2000

1000

0

Time-->





#18

trans-1,2-Dichloroethene

Concen: 2.48 ug/L

RT: 2.79 min Scan# 592

Delta R.T. -0.00 min

Lab File: VV006924.D

Acq: 08 Aug 2018 03:31

Instrument :

MSVOA_V

ClientSampleId :

ESWT4

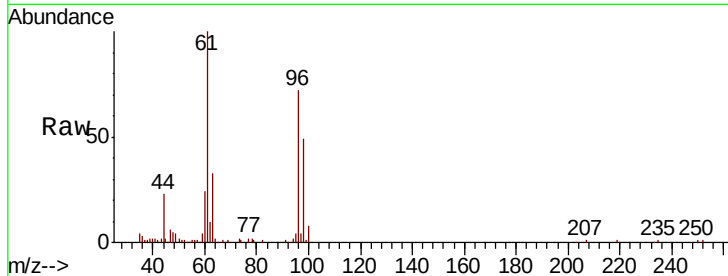
Tot Ion: 96 Resp: 35551

Ion Ratio Lower Upper

96 100

61 139.1 97.3 180.7

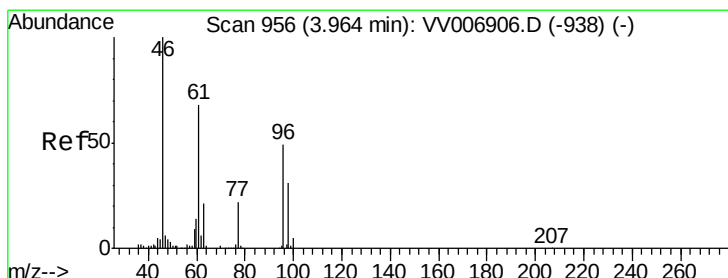
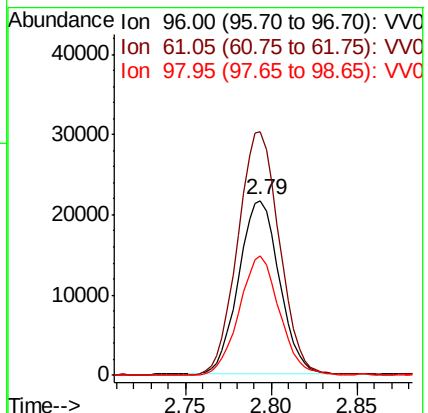
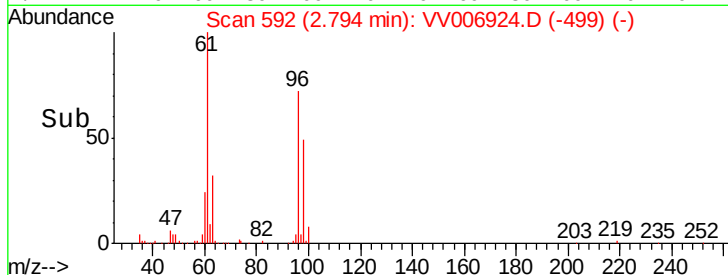
98 68.1 42.8 79.6



Abundance Ion 96.00 (95.70 to 96.70): VV006924.D (-499) (-)

Ion 61.05 (60.75 to 61.75): VV006924.D (-499) (-)

Ion 97.95 (97.65 to 98.65): VV006924.D (-499) (-)



#22

cis-1,2-Dichloroethene

Concen: 481.29 ug/L

RT: 3.97 min Scan# 957

Delta R.T. 0.00 min

Lab File: VV006924.D

Acq: 08 Aug 2018 03:31

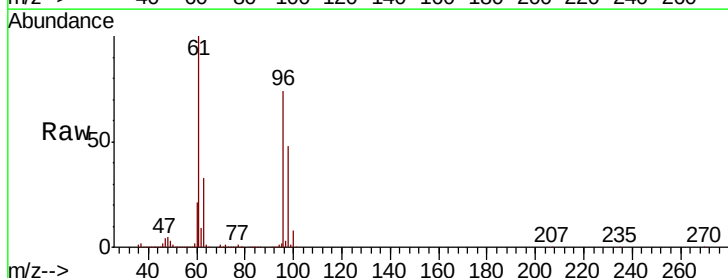
Tgt Ion: 96 Resp: 6903631

Ion Ratio Lower Upper

96 100

61 135.1 95.5 177.4

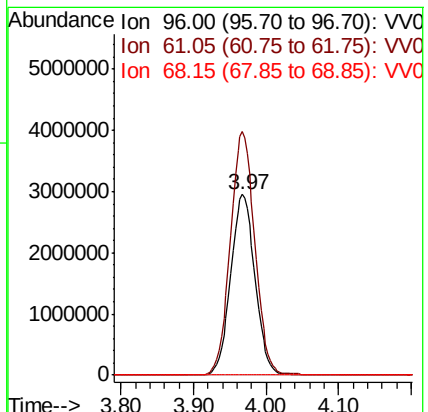
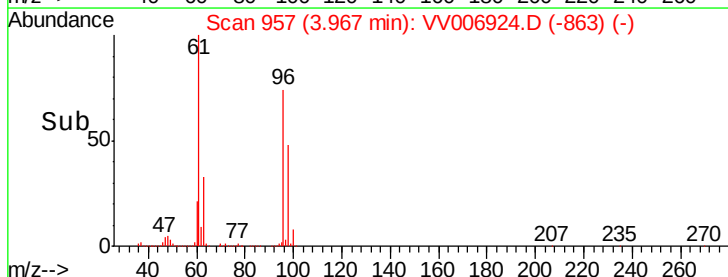
68 0.0 0.0 0.0

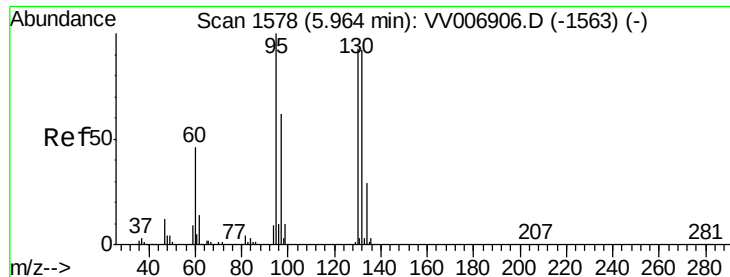


Abundance Ion 96.00 (95.70 to 96.70): VV006924.D (-863) (-)

Ion 61.05 (60.75 to 61.75): VV006924.D (-863) (-)

Ion 68.15 (67.85 to 68.85): VV006924.D (-863) (-)





#34

Trichloroethene

Concen: 200.02 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VV006924.D

Acq: 08 Aug 2018 03:31

Instrument :

MSVOA_V

ClientSampled :

ESWT4

Tot Ion: 95 Resp: 2749339

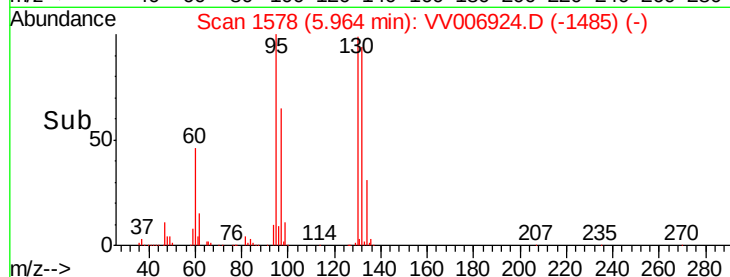
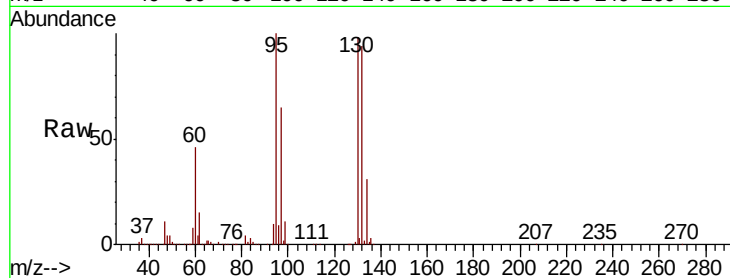
Ion Ratio Lower Upper

95 100

97 64.6 44.4 82.4

132 94.3 65.6 121.8

130 98.4 68.8 127.8

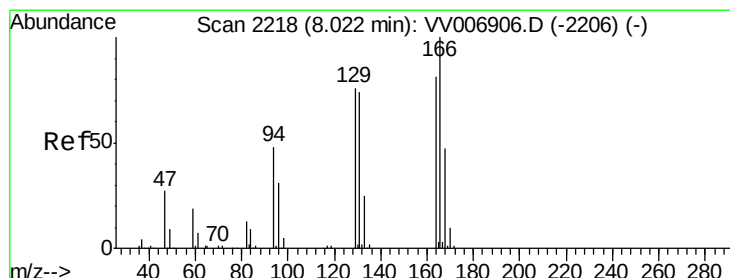
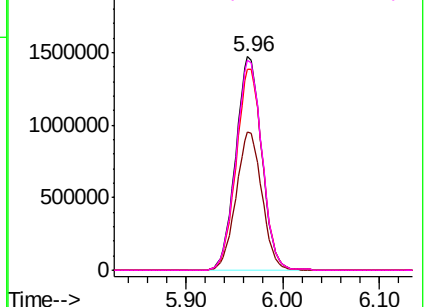


Abundance Ion 95.00 (94.70 to 95.70): VV006924.D (-1485) (-)

Ion 96.95 (96.65 to 97.65): VV006924.D (-1485) (-)

Ion 131.95 (131.65 to 132.65): VV006924.D (-1485) (-)

Ion 129.95 (129.65 to 130.65): VV006924.D (-1485) (-)



#47

Tetrachloroethene

Concen: 595.81 ug/L

RT: 8.03 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VV006924.D

Acq: 08 Aug 2018 03:31

Tgt Ion:164 Resp: 6231058

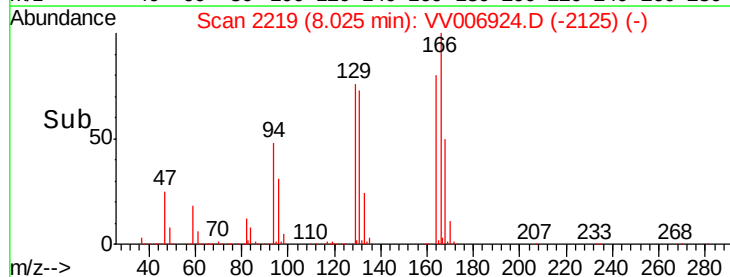
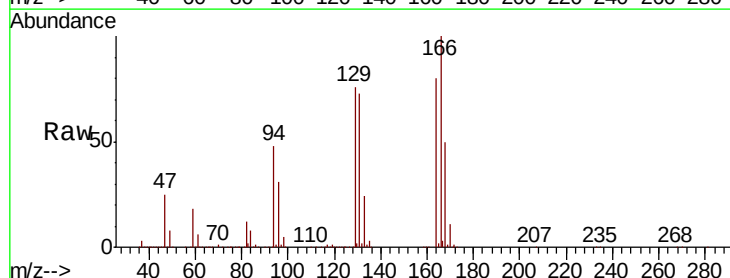
Ion Ratio Lower Upper

164 100

129 94.5 63.1 117.3

131 91.1 62.3 115.7

166 124.4 87.4 162.4



Abundance Ion 163.90 (163.60 to 164.60): VV006924.D (-2125) (-)

Ion 128.95 (128.65 to 129.65): VV006924.D (-2125) (-)

Ion 130.95 (130.65 to 131.65): VV006924.D (-2125) (-)

Ion 165.90 (165.60 to 166.60): VV006924.D (-2125) (-)

