

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080818\
 Data File : VV006943.D
 Acq On : 08 Aug 2018 19:25
 Operator : SY/MD
 Sample : J4357-19DL 5X
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESWT7DL

Quant Time: Aug 09 08:03:31 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	197330	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	192699	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	74564	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	51845	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.58	69	53298	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.13	63	79360	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	3.98	46	239410	63.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.82%
24) Chloroform-d	4.40	84	135333	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.80%
26) 1,2-Dichloroethane-d4	5.09	65	73615	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.20%
32) Benzene-d6	5.10	84	248557	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
36) 1,2-Dichloropropane-d6	6.12	67	90689	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	7.37	98	178432	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	7.67	79	26550	4.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.00%
46) 2-Hexanone-d5	8.15	63	116020	50.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.84%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	72591	5.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	66785	5.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.80%

Target Compounds

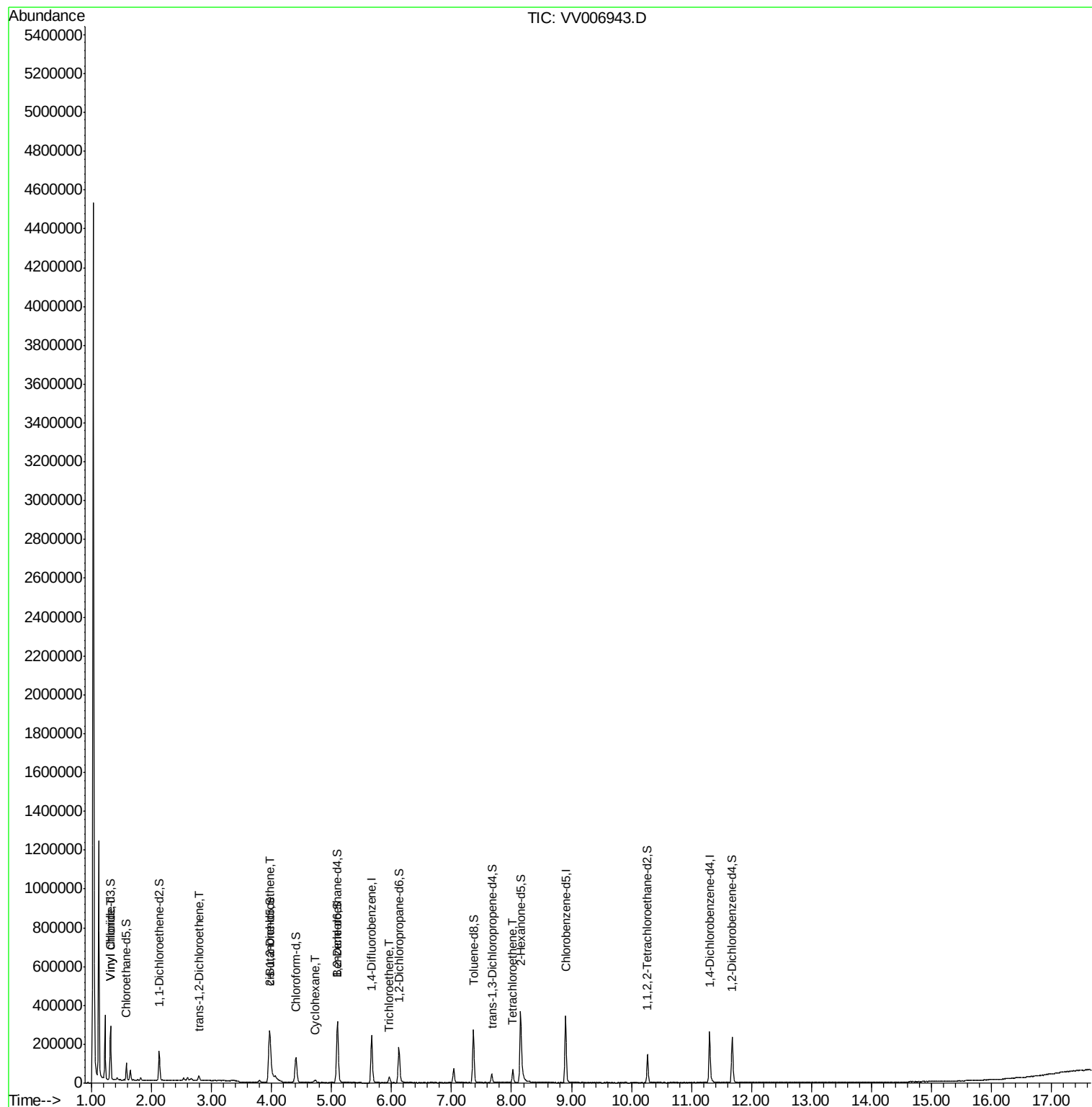
					Ovalue
5) Vinyl chloride	1.32	62	16798	0.91 ug/L	89
18) trans-1,2-Dichloroethene	2.79	96	8001	0.56 ug/L	93
22) cis-1,2-Dichloroethene	3.97	96	95551	6.74 ug/L	100
30) Cyclohexane	4.72	56	6606	0.29 ug/L	# 89
34) Trichloroethene	5.96	95	10081	0.73 ug/L	98
47) Tetrachloroethene	8.02	164	13900	1.32 ug/L	92

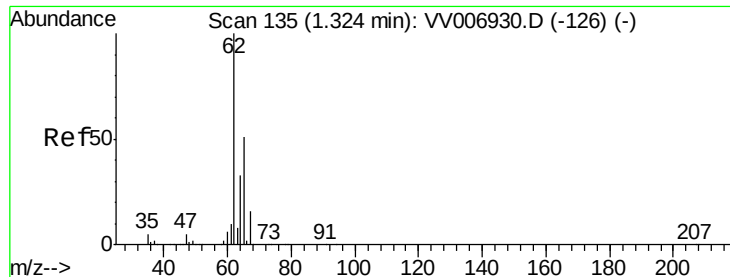
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#5

Vinyl chloride

Concen: 0.91 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.00 min

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Acq: 08 Aug 2018 19:25

Instrument :

MSVOA_V

ClientSampleId :

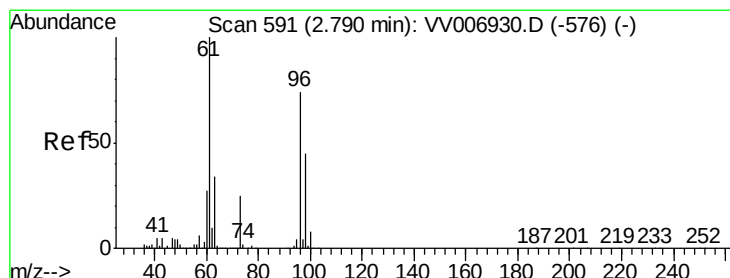
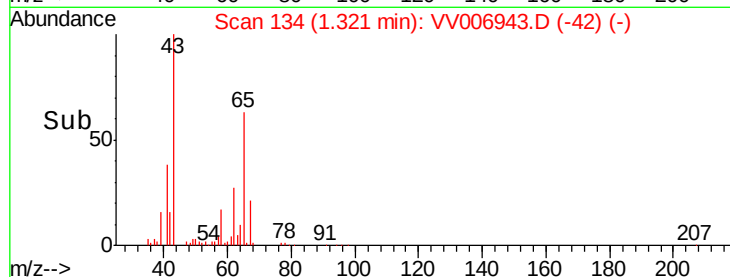
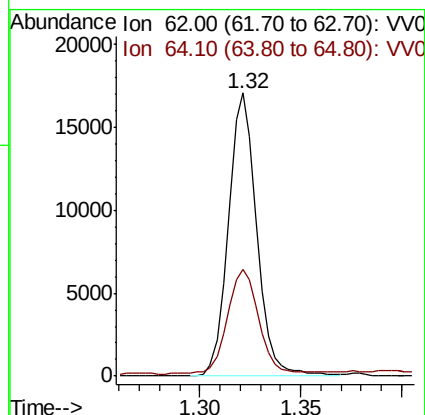
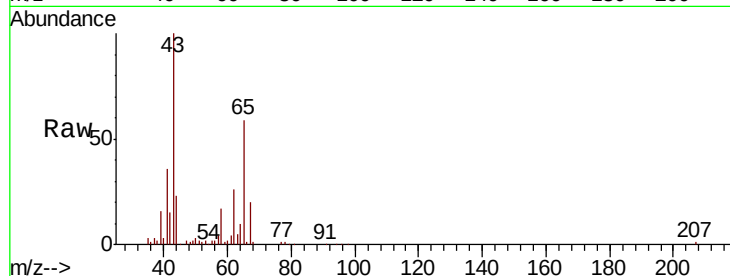
ESWT7DL

Tot Ion: 62 Resp: 16798

Ion Ratio Lower Upper

62 100

64 37.9 22.1 41.1



#18

trans-1,2-Dichloroethene

Concen: 0.56 ug/L

RT: 2.79 min Scan# 591

Delta R.T. 0.00 min

Lab File: VV006943.D

Acq: 08 Aug 2018 19:25

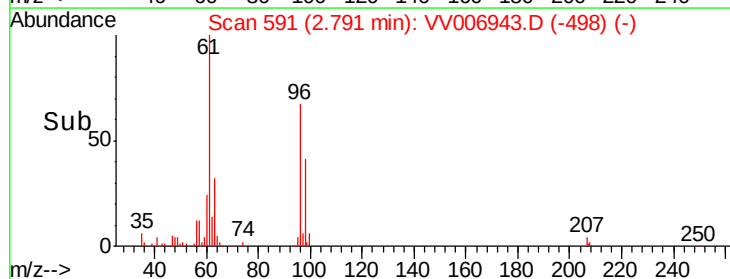
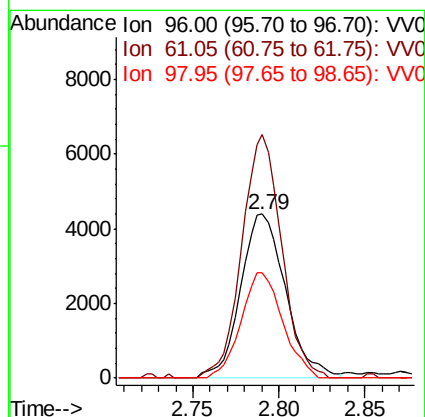
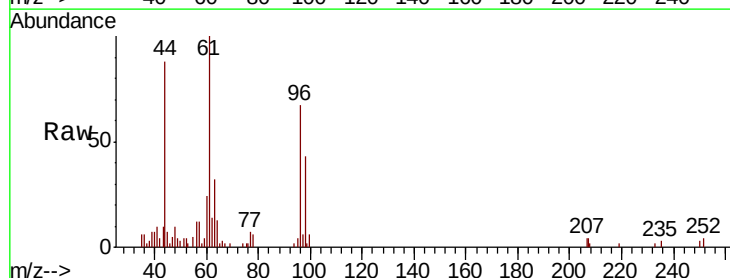
Tgt Ion: 96 Resp: 8001

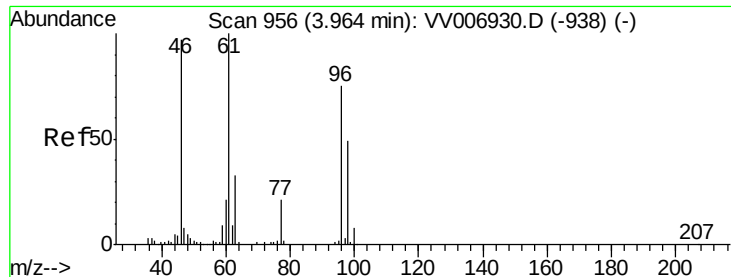
Ion Ratio Lower Upper

96 100

61 148.5 97.3 180.7

98 64.0 42.8 79.6





#22

cis-1,2-Dichloroethene

Concen: 6.74 ug/L

RT: 3.97 min Scan# 957

Delta R.T. 0.00 min

Lab File: VV006943.D

Acq: 08 Aug 2018 19:25

Instrument :

MSVOA_V

ClientSampleId :

ESWT7DL

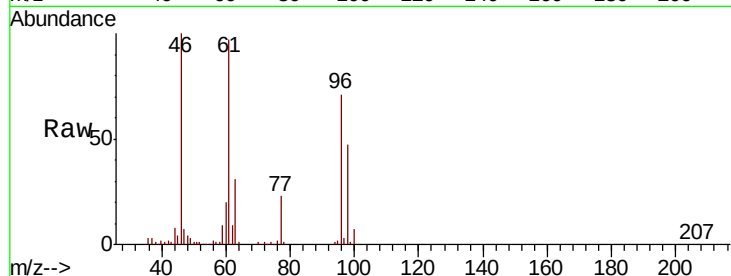
Tot Ion: 96 Resp: 95551

Ion Ratio Lower Upper

96 100

61 136.8 95.5 177.4

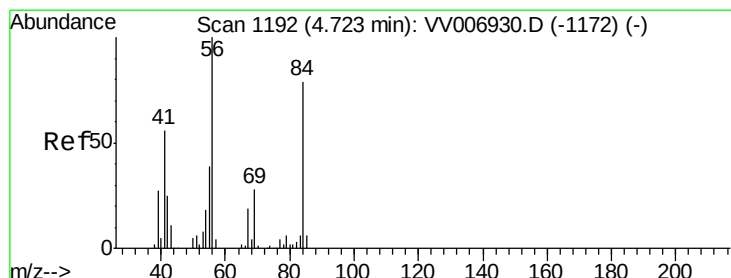
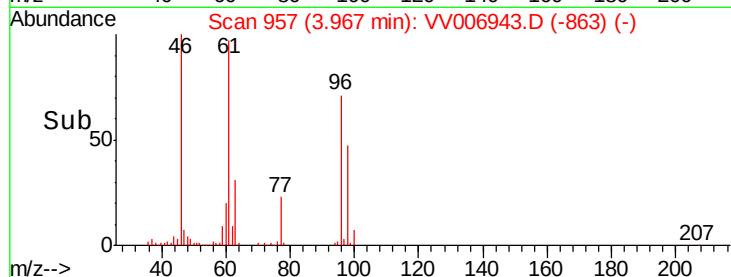
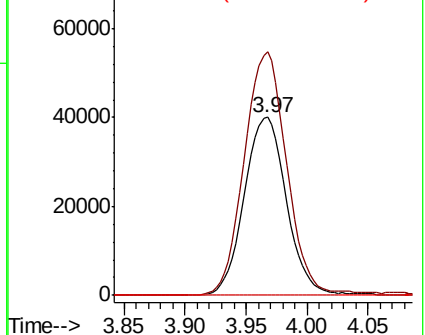
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV006943.D (-863) (-)

Ion 61.05 (60.75 to 61.75): VV006943.D (-863) (-)

Ion 68.15 (67.85 to 68.85): VV006943.D (-863) (-)



#30

Cyclohexane

Concen: 0.29 ug/L

RT: 4.72 min Scan# 1192

Delta R.T. 0.00 min

Lab File: VV006943.D

Acq: 08 Aug 2018 19:25

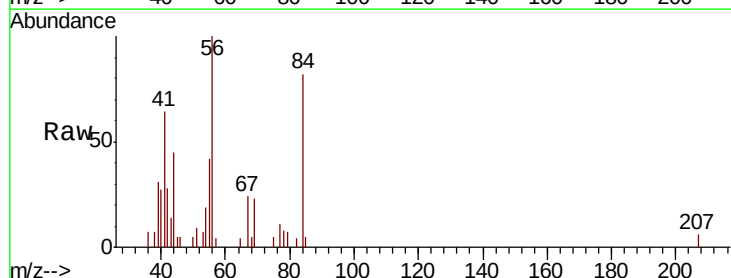
Tgt Ion: 56 Resp: 6606

Ion Ratio Lower Upper

56 100

69 17.3 24.2 36.2#

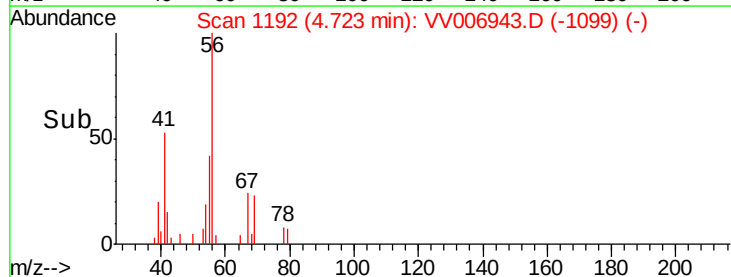
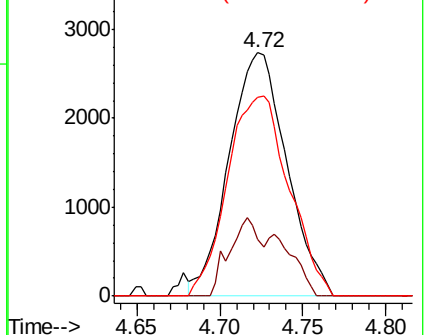
84 87.8 65.5 98.3

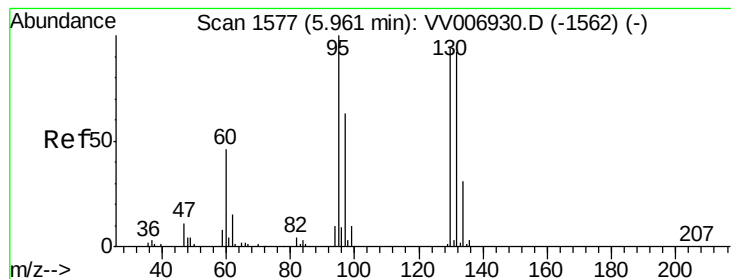


Abundance Ion 56.10 (55.80 to 56.80): VV006943.D (-1099) (-)

Ion 69.15 (68.85 to 69.85): VV006943.D (-1099) (-)

Ion 84.15 (83.85 to 84.85): VV006943.D (-1099) (-)





#34

Trichloroethene

Concen: 0.73 ug/L

RT: 5.96 min Scan# 1577

Delta R.T. 0.00 min

Lab File: VV006943.D

Acq: 08 Aug 2018 19:25

Instrument :

MSVOA_V

ClientSampleId :

ESWT7DL

Tot Ion: 95 Resp: 10081

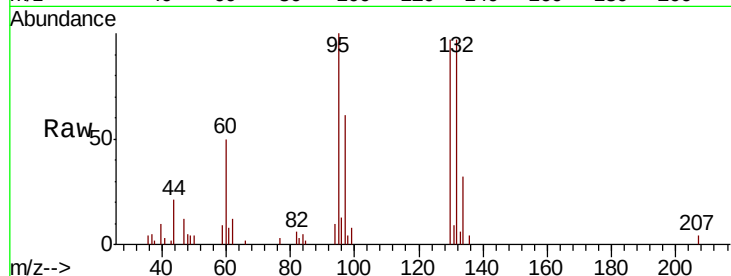
Ion Ratio Lower Upper

95 100

97 60.7 44.4 82.4

132 96.7 65.6 121.8

130 97.4 68.8 127.8

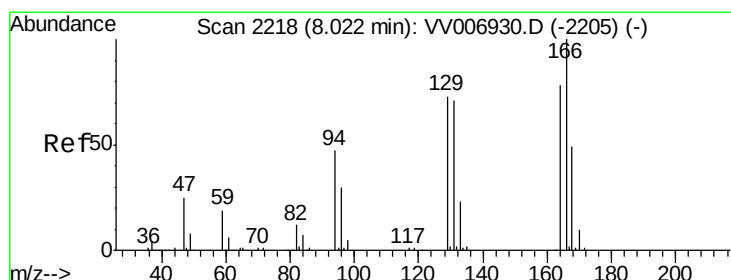
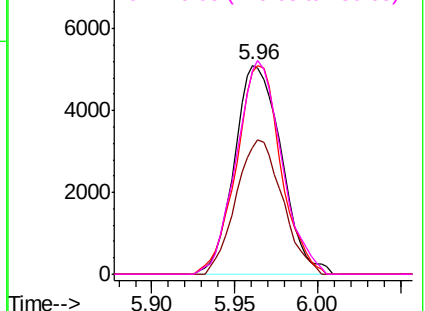
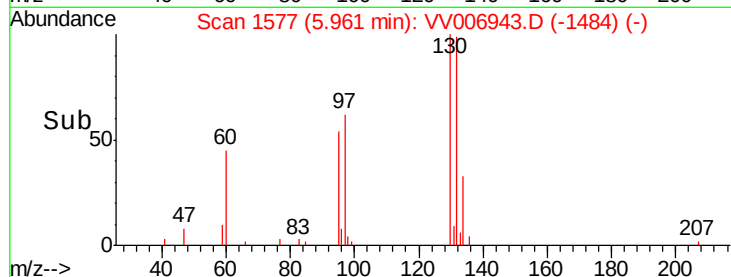


Abundance Ion 95.00 (94.70 to 95.70): VV006943.D (-1562) (-)

Ion 96.95 (96.65 to 97.65): VV006943.D (-1562) (-)

Ion 131.95 (131.65 to 132.65): VV006943.D (-1562) (-)

Ion 129.95 (129.65 to 130.65): VV006943.D (-1562) (-)



#47

Tetrachloroethene

Concen: 1.32 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VV006943.D

Acq: 08 Aug 2018 19:25

Tgt Ion: 164 Resp: 13900

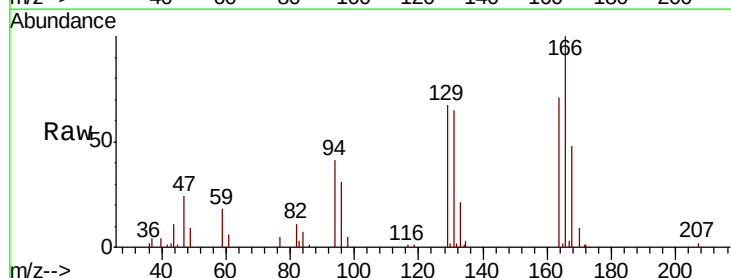
Ion Ratio Lower Upper

164 100

129 94.4 63.1 117.3

131 91.8 62.3 115.7

166 140.3 87.4 162.4



Abundance Ion 163.90 (163.60 to 164.60): VV006943.D (-2205) (-)

Ion 128.95 (128.65 to 129.65): VV006943.D (-2205) (-)

Ion 130.95 (130.65 to 131.65): VV006943.D (-2205) (-)

Ion 165.90 (165.60 to 166.60): VV006943.D (-2205) (-)

