

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080918\
 Data File : VV006970.D
 Acq On : 10 Aug 2018 00:27
 Operator : SY/MD
 Sample : J4357-20
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESWT9

Quant Time: Aug 10 04:19:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 10 02:34:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	251362	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	236628	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	95709	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82158	5.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.20%
7) Chloroethane-d5	1.58	69	60810	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	2.13	63	101897	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	3.97	46	291299	62.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.86%
24) Chloroform-d	4.41	84	148444	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.09	65	81304	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.10	84	286712	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.12	67	100537	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.36	98	212803	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloropropene-	7.67	79	30250	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.15	63	134170	45.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.76%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	80092	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	82133	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

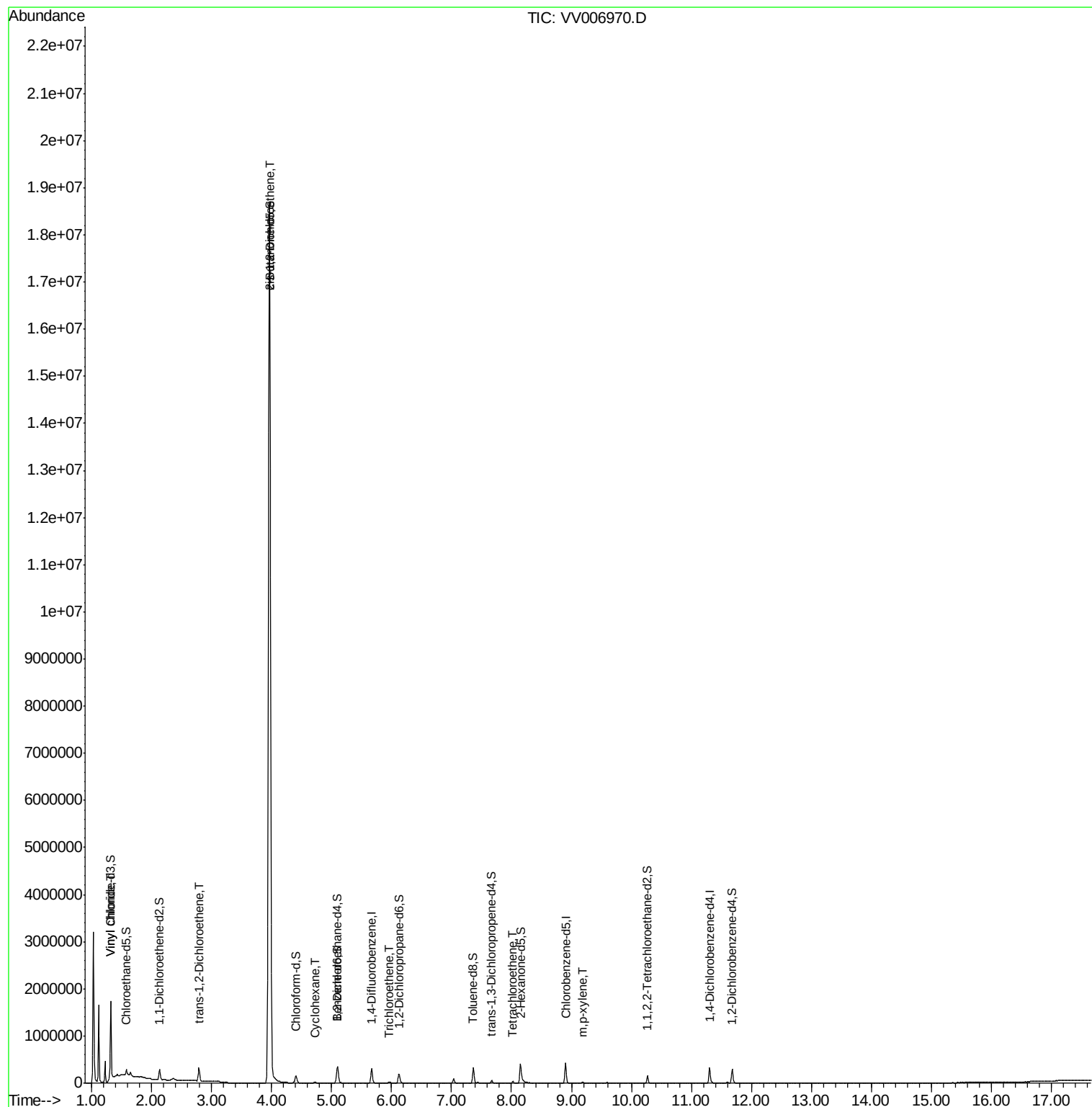
						Ovalue
5) Vinyl chloride	1.32	62	843920	34.66	ug/L	88
18) trans-1,2-Dichloroethene	2.79	96	106984	5.54	ug/L	99
22) cis-1,2-Dichloroethene	3.97	96	10218293	465.90	ug/L	100
30) Cyclohexane	4.72	56	7305	0.22	ug/L	98
34) Trichloroethene	5.96	95	5516	0.28	ug/L	94
47) Tetrachloroethene	8.02	164	6159	0.39	ug/L	93
53) m,p-xylene	9.19	106	7284	0.25	ug/L	98

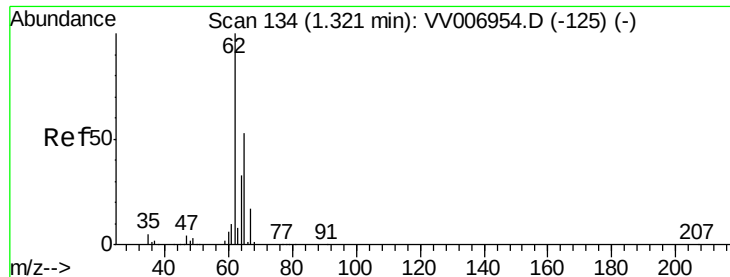
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 34.66 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.00 min

Lab File: VV006970.D

Acq: 10 Aug 2018 00:27

Instrument :

MSVOA_V

ClientSampleId :

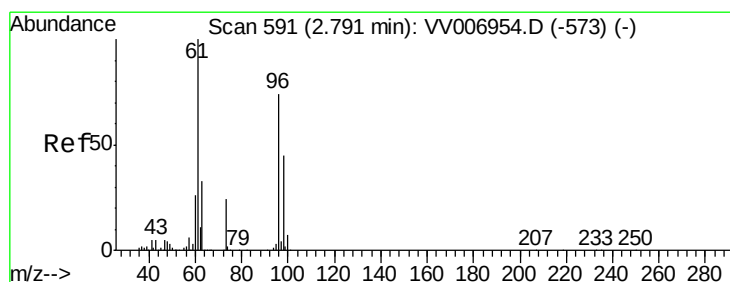
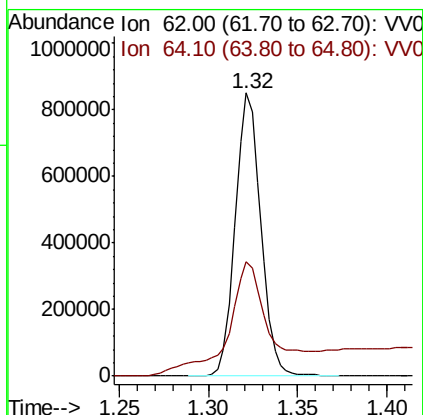
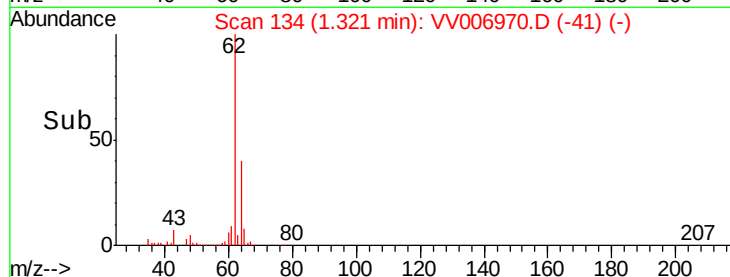
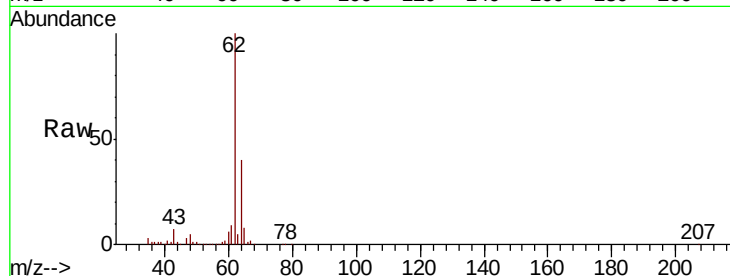
ESWT9

Tot Ion: 62 Resp: 843920

Ion Ratio Lower Upper

62 100

64 40.4 23.5 43.7



#18

trans-1,2-Dichloroethene

Concen: 5.54 ug/L

RT: 2.79 min Scan# 592

Delta R.T. 0.00 min

Lab File: VV006970.D

Acq: 10 Aug 2018 00:27

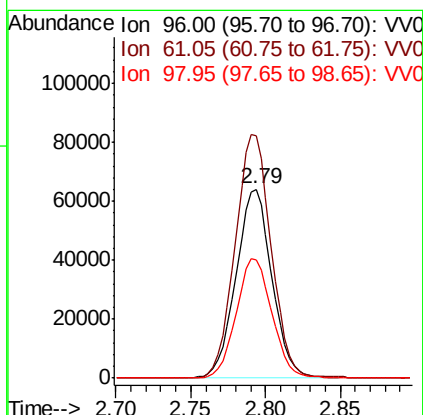
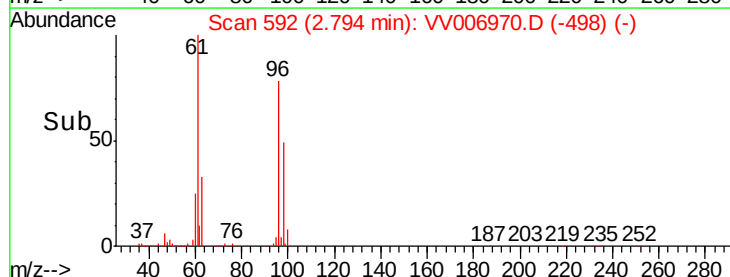
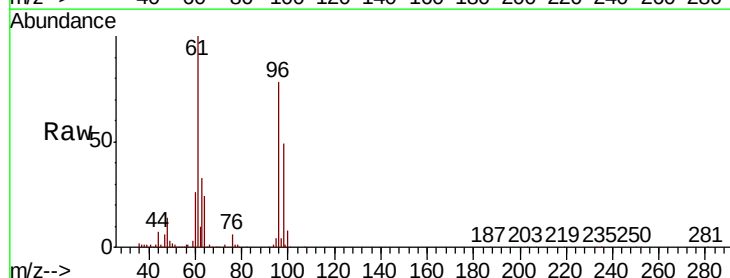
Tgt Ion: 96 Resp: 106984

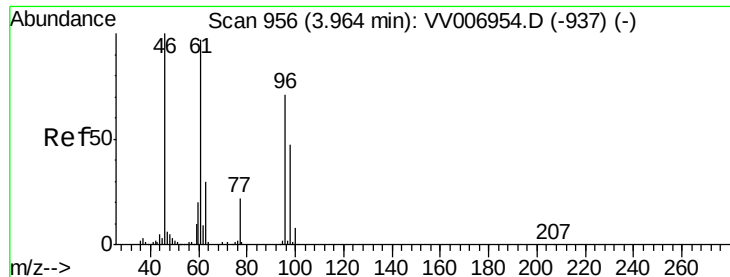
Ion Ratio Lower Upper

96 100

61 128.1 91.1 169.3

98 62.5 43.5 80.9





#22

cis-1,2-Dichloroethene

Concen: 465.90 ug/L

RT: 3.97 min Scan# 957

Delta R.T. 0.00 min

Lab File: VV006970.D

Acq: 10 Aug 2018 00:27

Instrument :

MSVOA_V

ClientSampled :

ESWT9

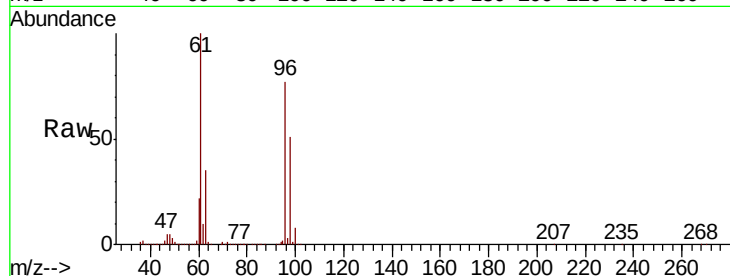
Tot Ion: 96 Resp:10218293

Ion Ratio Lower Upper

96 100

61 129.9 91.1 169.1

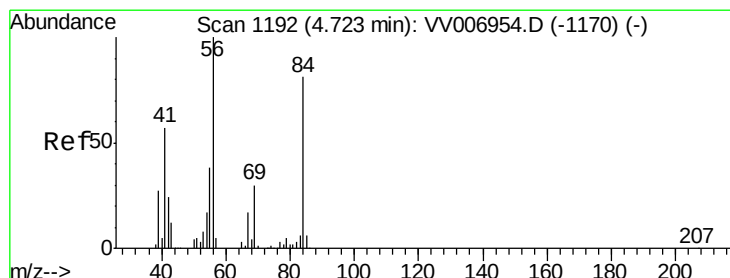
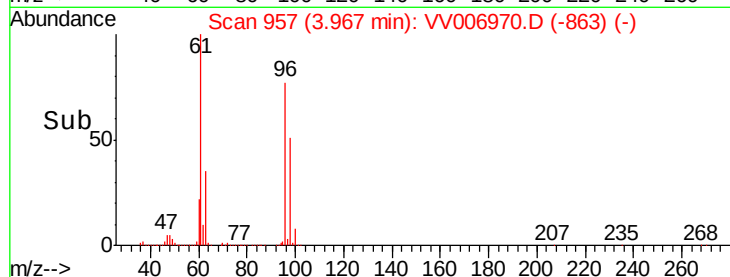
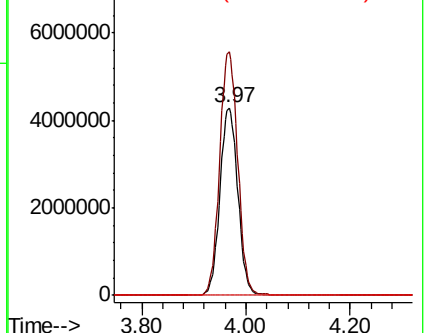
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0



#30

Cyclohexane

Concen: 0.22 ug/L

RT: 4.72 min Scan# 1192

Delta R.T. -0.00 min

Lab File: VV006970.D

Acq: 10 Aug 2018 00:27

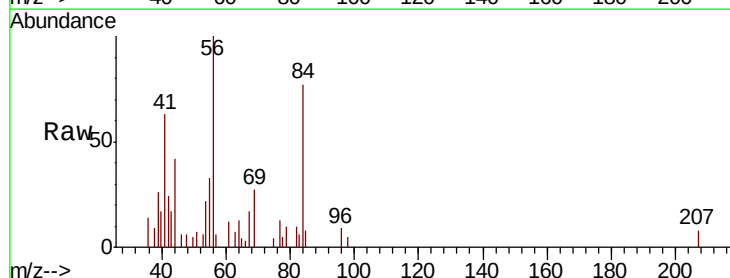
Tgt Ion: 56 Resp: 7305

Ion Ratio Lower Upper

56 100

69 26.6 23.8 35.6

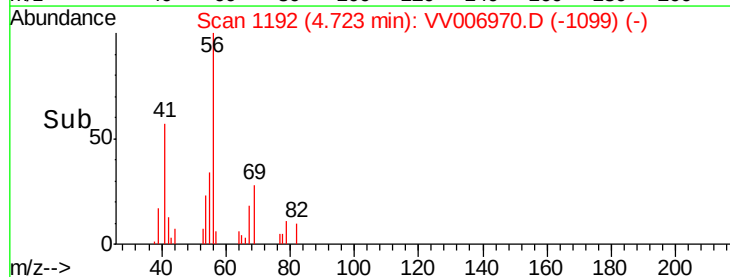
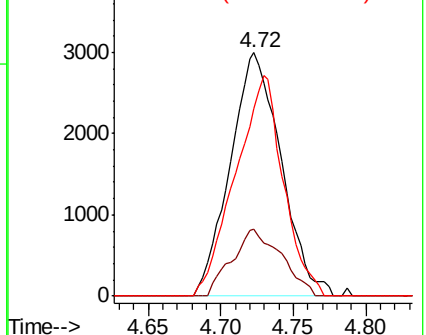
84 85.1 67.9 101.9

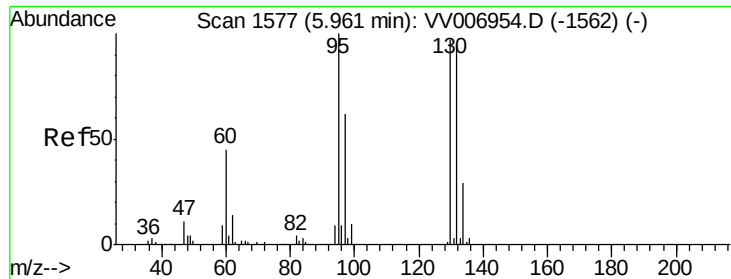


Abundance Ion 56.10 (55.80 to 56.80): VV0

Ion 69.15 (68.85 to 69.85): VV0

Ion 84.15 (83.85 to 84.85): VV0





#34

Trichloroethene

Concen: 0.28 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006970.D

Acq: 10 Aug 2018 00:27

Instrument :

MSVOA_V

ClientSampled :

ESWT9

Tot Ion: 95 Resp: 5516

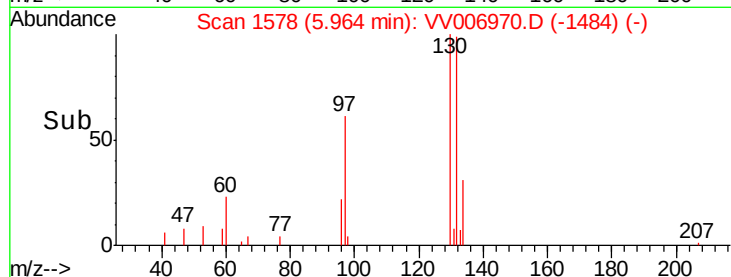
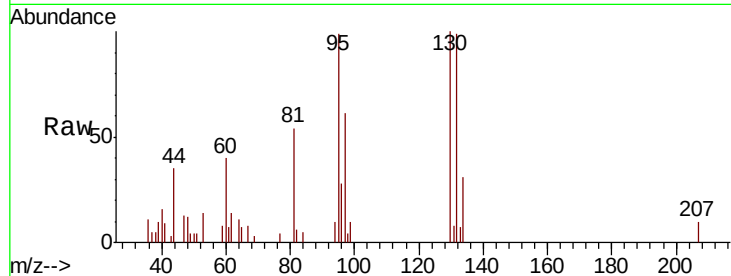
Ion Ratio Lower Upper

95 100

97 61.3 44.8 83.2

132 99.9 65.5 121.6

130 100.6 66.4 123.4

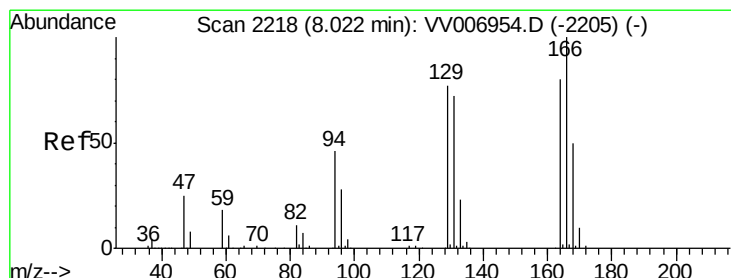
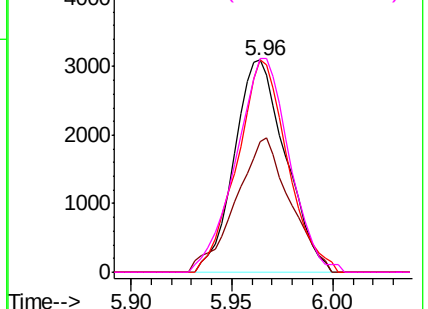


Abundance Ion 95.00 (94.70 to 95.70): VV006970.D (-1484) (-)

Ion 96.95 (96.65 to 97.65): VV006970.D (-1484) (-)

Ion 131.95 (131.65 to 132.65): VV006970.D (-1484) (-)

Ion 129.95 (129.65 to 130.65): VV006970.D (-1484) (-)



#47

Tetrachloroethene

Concen: 0.39 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VV006970.D

Acq: 10 Aug 2018 00:27

Tgt Ion:164 Resp: 6159

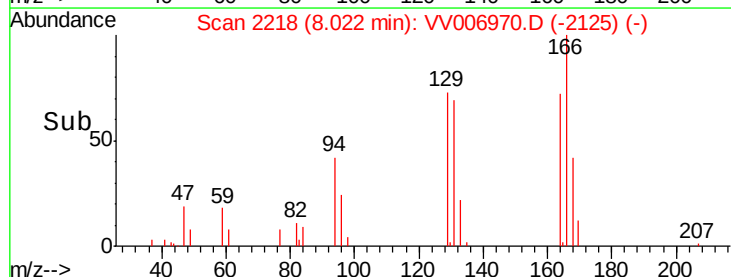
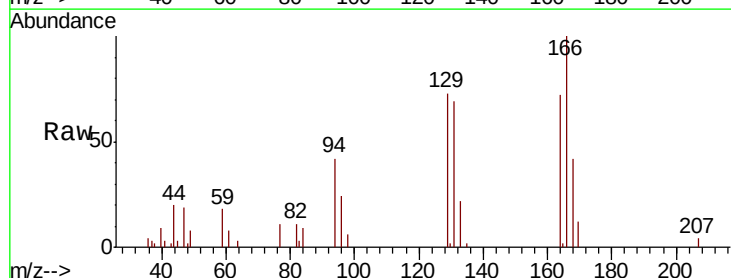
Ion Ratio Lower Upper

164 100

129 101.2 65.9 122.3

131 95.0 64.2 119.2

166 138.6 89.4 166.0

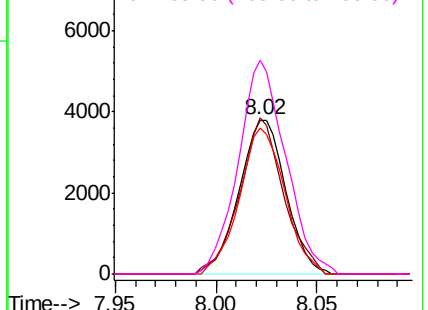


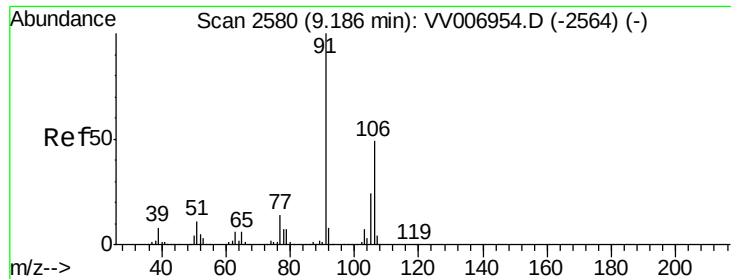
Abundance Ion 163.90 (163.60 to 164.60): VV006970.D (-2125) (-)

Ion 128.95 (128.65 to 129.65): VV006970.D (-2125) (-)

Ion 130.95 (130.65 to 131.65): VV006970.D (-2125) (-)

Ion 165.90 (165.60 to 166.60): VV006970.D (-2125) (-)





#53
 m,p-xylene
 Concen: 0.25 ug/L
 RT: 9.19 min Scan# 2581
 Delta R.T. 0.00 min
 Lab File: VV006970.D
 Acq: 10 Aug 2018 00:27

Instrument :
 MSVOA_V
 ClientSampleId :
 ESWT9

Tot Ion:106 Resp: 7284
 Ion Ratio Lower Upper
 106 100
 91 199.8 141.6 263.0

