

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080818\
 Data File : VV006935.D
 Acq On : 08 Aug 2018 15:51
 Operator : SY/MD
 Sample : J4357-20
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESWT9

Quant Time: Aug 09 07:28:16 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	204203	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	193574	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	77494	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	80488	6.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	131.40%#
7) Chloroethane-d5	1.58	69	61501	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.60%
11) 1,1-Dichloroethene-d2	2.13	63	105480	4.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.80%
20) 2-Butanone-d5	3.97	46	206523	52.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.72%
24) Chloroform-d	4.41	84	128493	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.09	65	68587	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.10	84	255775	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
36) 1,2-Dichloropropane-d6	6.12	67	85487	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.37	98	193077	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	7.67	79	26299	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	8.15	63	87855	38.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.02%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	60815	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	66972	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

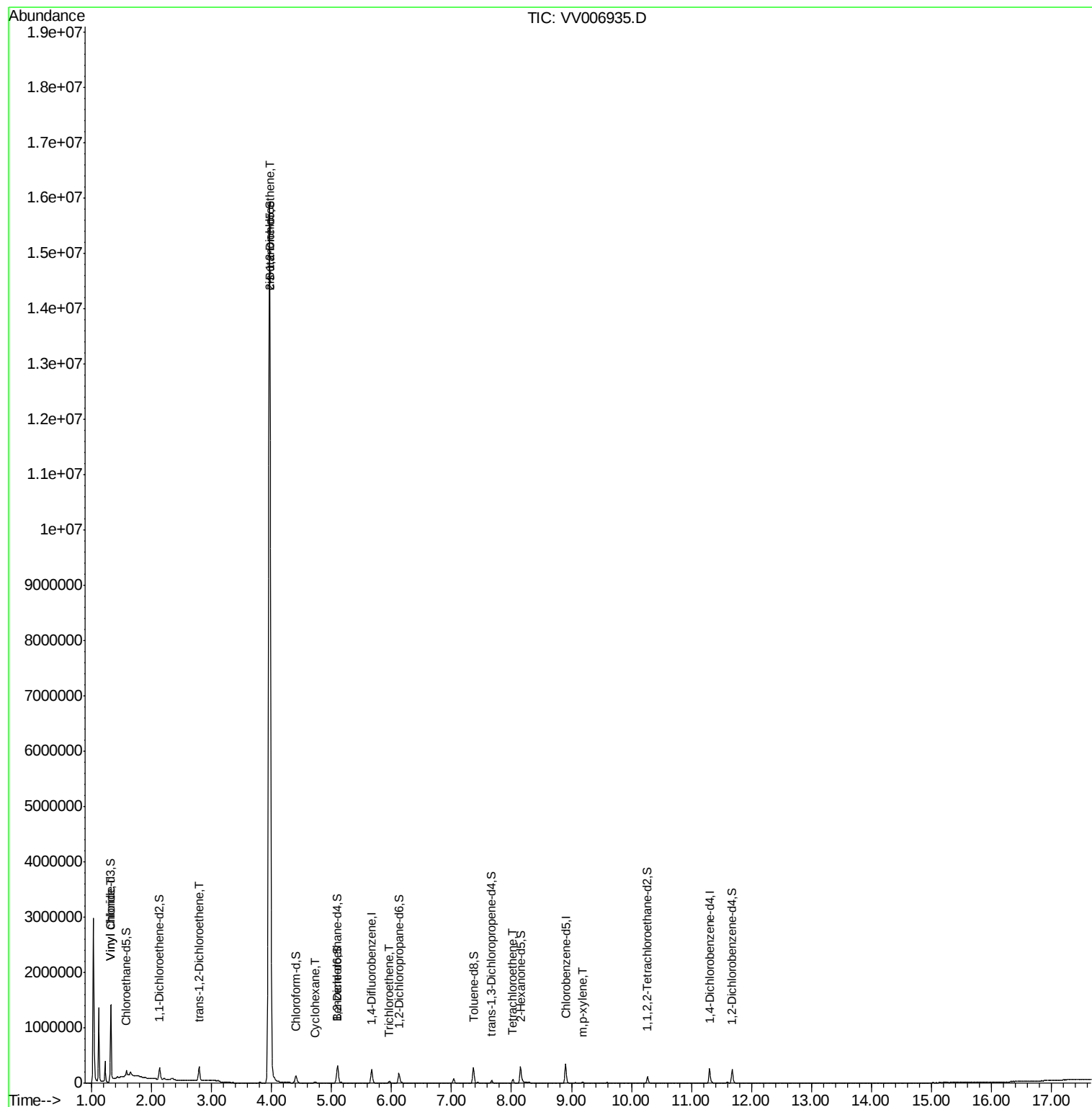
						Ovalue
5) Vinyl chloride	1.32	62	751689	39.16	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	92439	6.30	ug/L	97
22) cis-1,2-Dichloroethene	3.97	96	8613661	586.96	ug/L	98
30) Cyclohexane	4.72	56	5587	0.24	ug/L	99
34) Trichloroethene	5.96	95	8149	0.59	ug/L	92
47) Tetrachloroethene	8.02	164	12935	1.22	ug/L	95
53) m,p-xylene	9.19	106	5931	0.30	ug/L	98

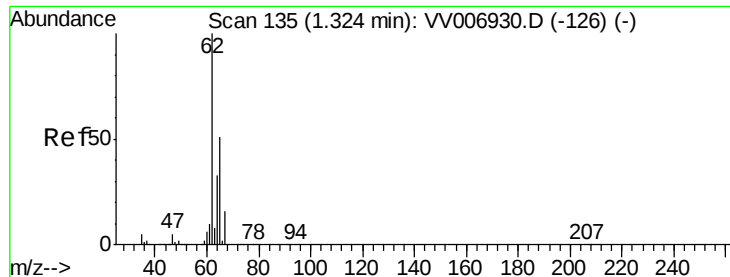
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#5

Vinyl chloride

Concen: 39.16 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV006935.D

Acq: 08 Aug 2018 15:51

Instrument :

MSVOA_V

ClientSampled :

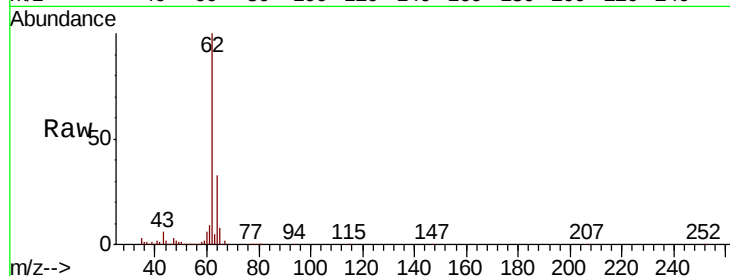
ESWT9

Tot Ion: 62 Resp: 751689

Ion Ratio Lower Upper

62 100

64 32.6 22.1 41.1



Abundance Ion 62.00 (61.70 to 62.70): VV006935.D (-126) (-)

Ion 64.10 (63.80 to 64.80): VV006935.D (-126) (-)

1.32

800000

600000

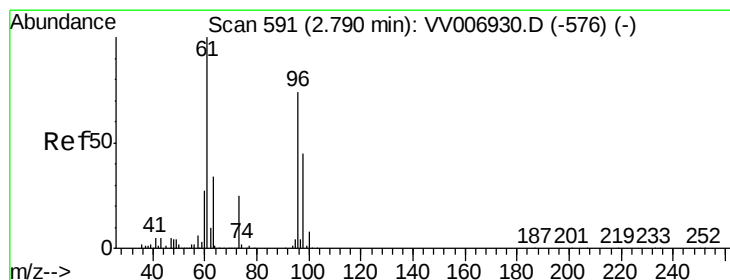
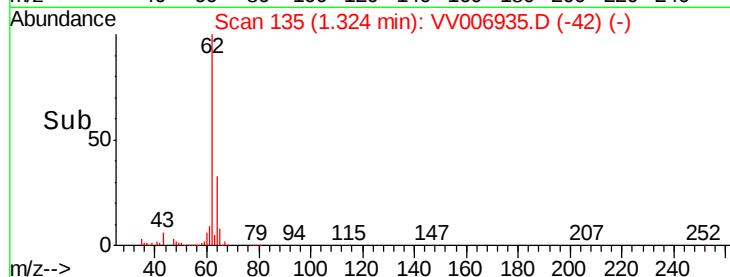
400000

200000

0

1.25 1.30 1.35 1.40 1.45

Time-->



#18

trans-1,2-Dichloroethene

Concen: 6.30 ug/L

RT: 2.79 min Scan# 592

Delta R.T. 0.00 min

Lab File: VV006935.D

Acq: 08 Aug 2018 15:51

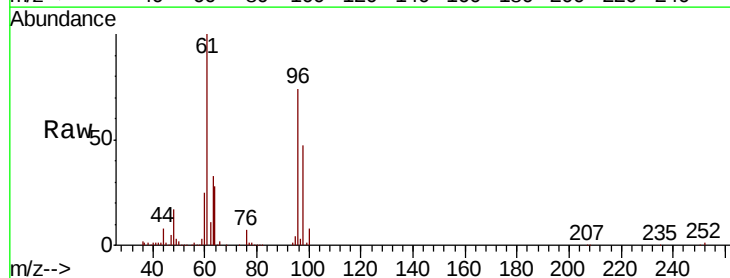
Tgt Ion: 96 Resp: 92439

Ion Ratio Lower Upper

96 100

61 135.8 97.3 180.7

98 63.2 42.8 79.6



Abundance Ion 96.00 (95.70 to 96.70): VV006935.D (-576) (-)

Ion 61.05 (60.75 to 61.75): VV006935.D (-576) (-)

Ion 97.95 (97.65 to 98.65): VV006935.D (-576) (-)

100000

80000

60000

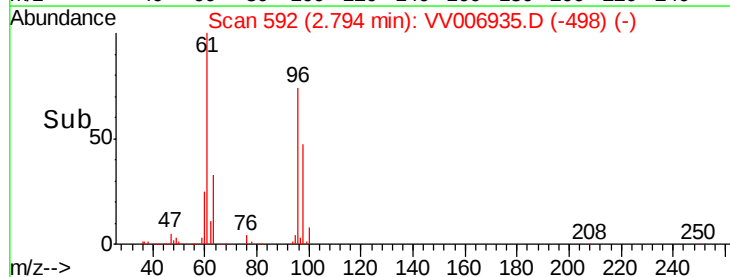
40000

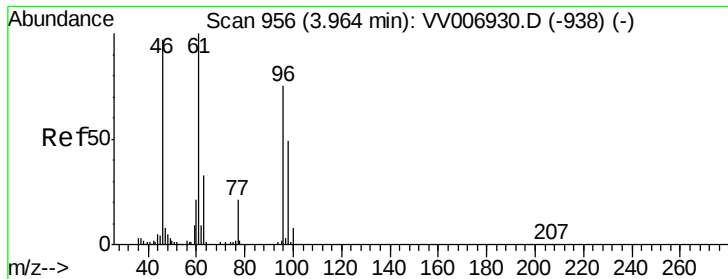
20000

0

2.70 2.75 2.80 2.85

Time-->



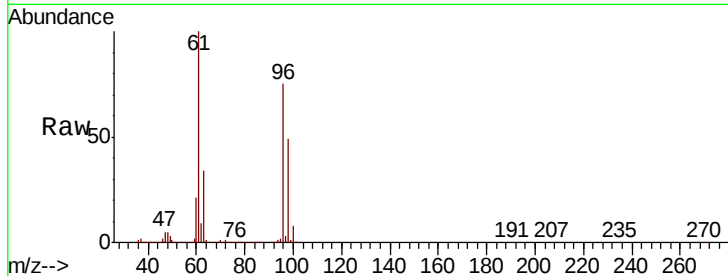


#22

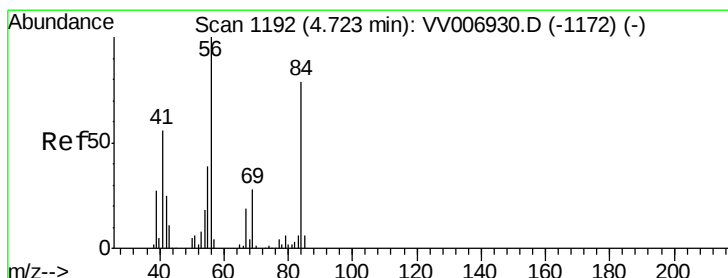
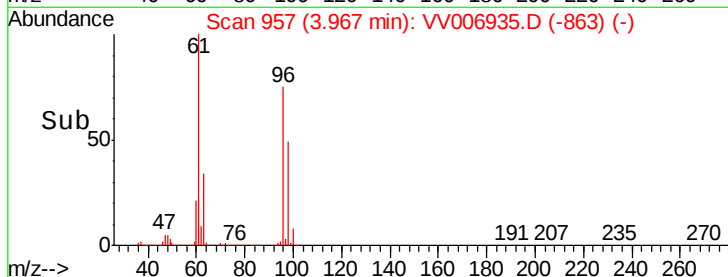
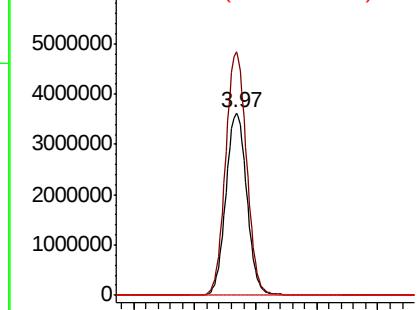
cis-1,2-Dichloroethene
 Concen: 586.96 ug/L
 RT: 3.97 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VV006935.D
 Acq: 08 Aug 2018 15:51

Instrument :
 MSVOA_V
 ClientSampled :
 ESWT9

Tot Ion: 96 Resp: 8613661
 Ion Ratio Lower Upper
 96 100
 61 133.6 95.5 177.4
 68 0.0 0.0 0.0



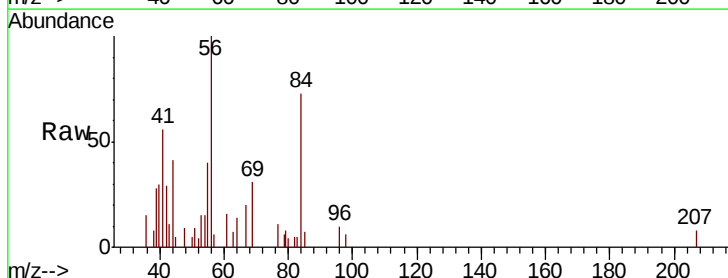
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



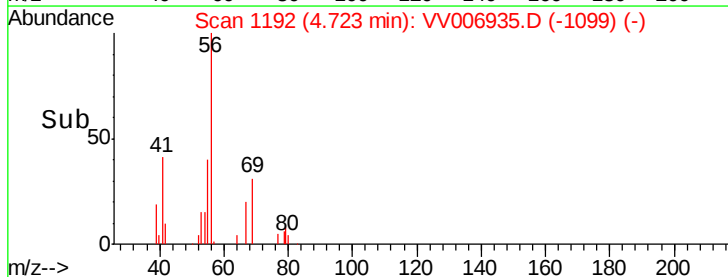
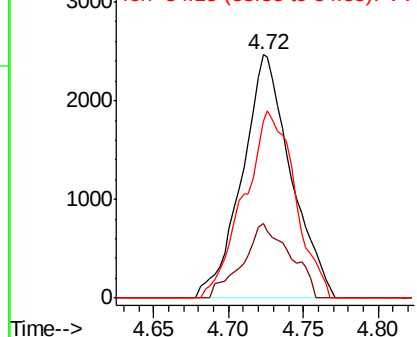
#30

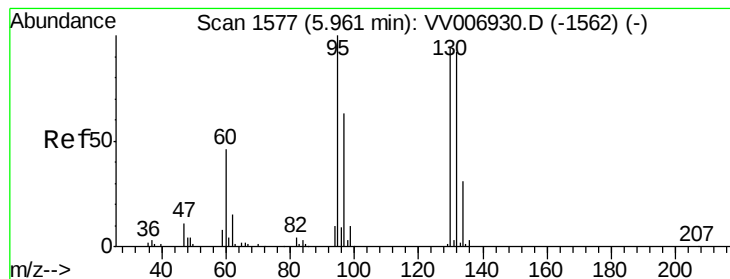
Cyclohexane
 Concen: 0.24 ug/L
 RT: 4.72 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: VV006935.D
 Acq: 08 Aug 2018 15:51

Tgt Ion: 56 Resp: 5587
 Ion Ratio Lower Upper
 56 100
 69 29.9 24.2 36.2
 84 80.5 65.5 98.3



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: 0.59 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006935.D

Acq: 08 Aug 2018 15:51

Instrument :

MSVOA_V

ClientSampleId :

ESWT9

Tot Ion: 95 Resp: 8149

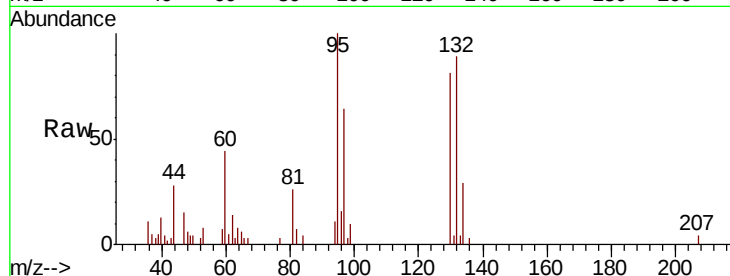
Ion Ratio Lower Upper

95 100

97 63.7 44.4 82.4

132 89.1 65.6 121.8

130 81.3 68.8 127.8



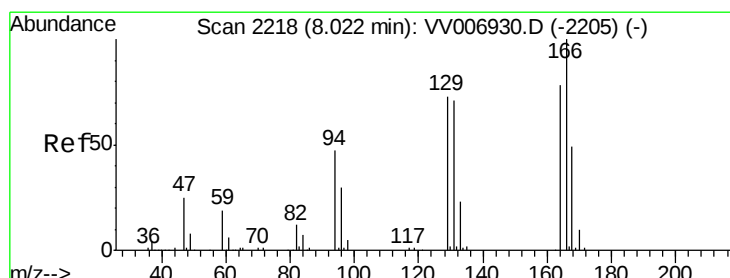
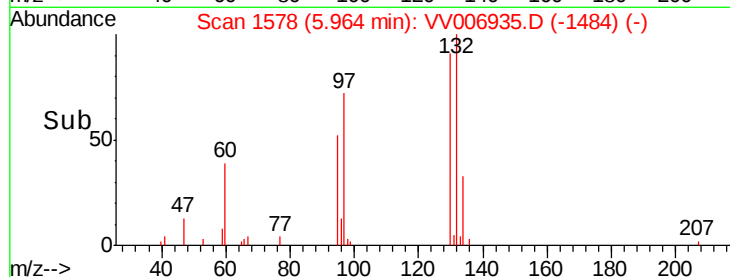
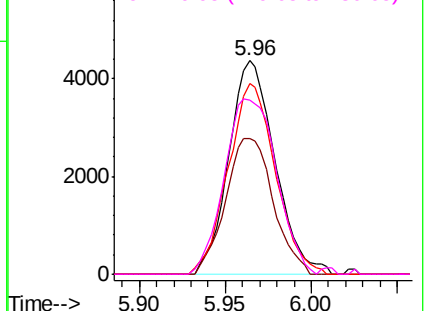
Abundance

Ion 95.00 (94.70 to 95.70): VV006935.D (-1562) (-)

Ion 96.95 (96.65 to 97.65): VV006935.D (-1562) (-)

Ion 131.95 (131.65 to 132.65): VV006935.D (-1562) (-)

Ion 129.95 (129.65 to 130.65): VV006935.D (-1562) (-)



#47

Tetrachloroethene

Concen: 1.22 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VV006935.D

Acq: 08 Aug 2018 15:51

Tgt Ion: 164 Resp: 12935

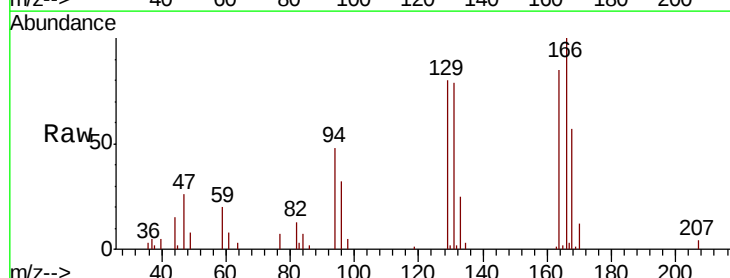
Ion Ratio Lower Upper

164 100

129 94.4 63.1 117.3

131 93.2 62.3 115.7

166 117.4 87.4 162.4



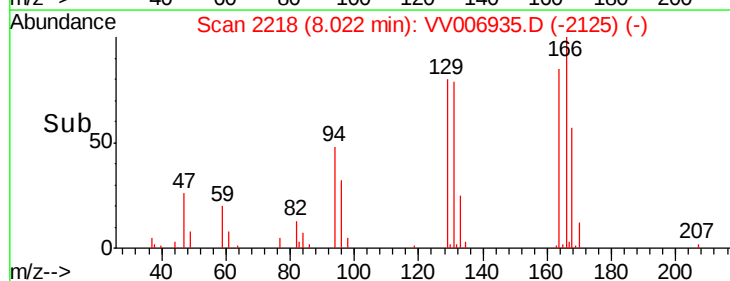
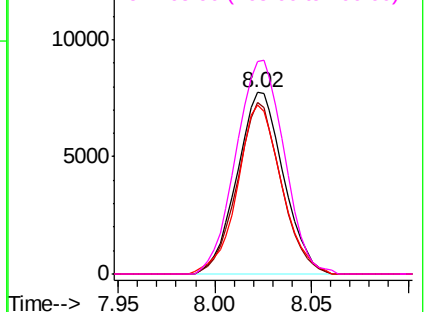
Abundance

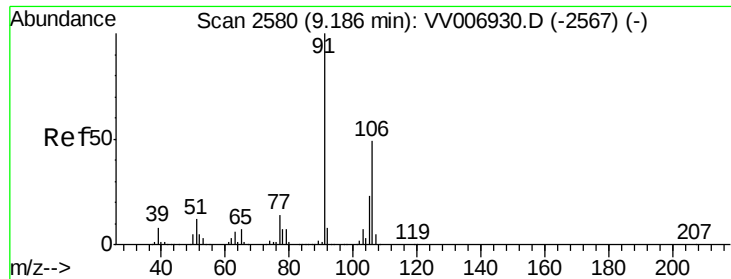
Ion 163.90 (163.60 to 164.60): VV006935.D (-2205) (-)

Ion 128.95 (128.65 to 129.65): VV006935.D (-2205) (-)

Ion 130.95 (130.65 to 131.65): VV006935.D (-2205) (-)

Ion 165.90 (165.60 to 166.60): VV006935.D (-2205) (-)





#53
 m,p-xylene
 Concen: 0.30 ug/L
 RT: 9.19 min Scan# 2580
 Delta R.T. 0.00 min
 Lab File: VV006935.D
 Acq: 08 Aug 2018 15:51

Instrument :
 MSVOA_V
 ClientSampleId :
 ESWT9

Tot Ion:106 Resp: 5931
 Ion Ratio Lower Upper
 106 100
 91 208.1 147.7 274.3

