

Data File : VV006052.D
Acq On : 26 May 2018 13:43
Operator : SY/MD
Sample : J3090-03 100X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 28 02:04:50 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052518WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 28 02:03:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	170989	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	159787	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	67863	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38284	32.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.12%
7) Chloroethane-d5	1.56	69	21478	25.43	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	50.86%#
11) 1,1-Dichloroethene-d2	2.12	63	57554	25.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.78%#
21) 2-Butanone-d5	3.95	46	39919	58.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	58.36%
24) Chloroform-d	4.40	84	75359	33.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	66.96%#
26) 1,2-Dichloroethane-d4	5.09	65	50837	34.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	69.20%#
32) Benzene-d6	5.10	84	147261	34.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	69.34%#
36) 1,2-Dichloropropane-d6	6.12	67	46628	34.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	69.14%#
41) Toluene-d8	7.37	98	129936	33.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	66.14%#
43) trans-1,3-Dichloropropene-	7.67	79	19336	31.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.24%
47) 2-Hexanone-d5	8.14	63	35638	67.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	67.22%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	62591	33.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	67.48%
64) 1,2-Dichlorobenzene-d4	11.68	152	47858	35.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	70.92%#

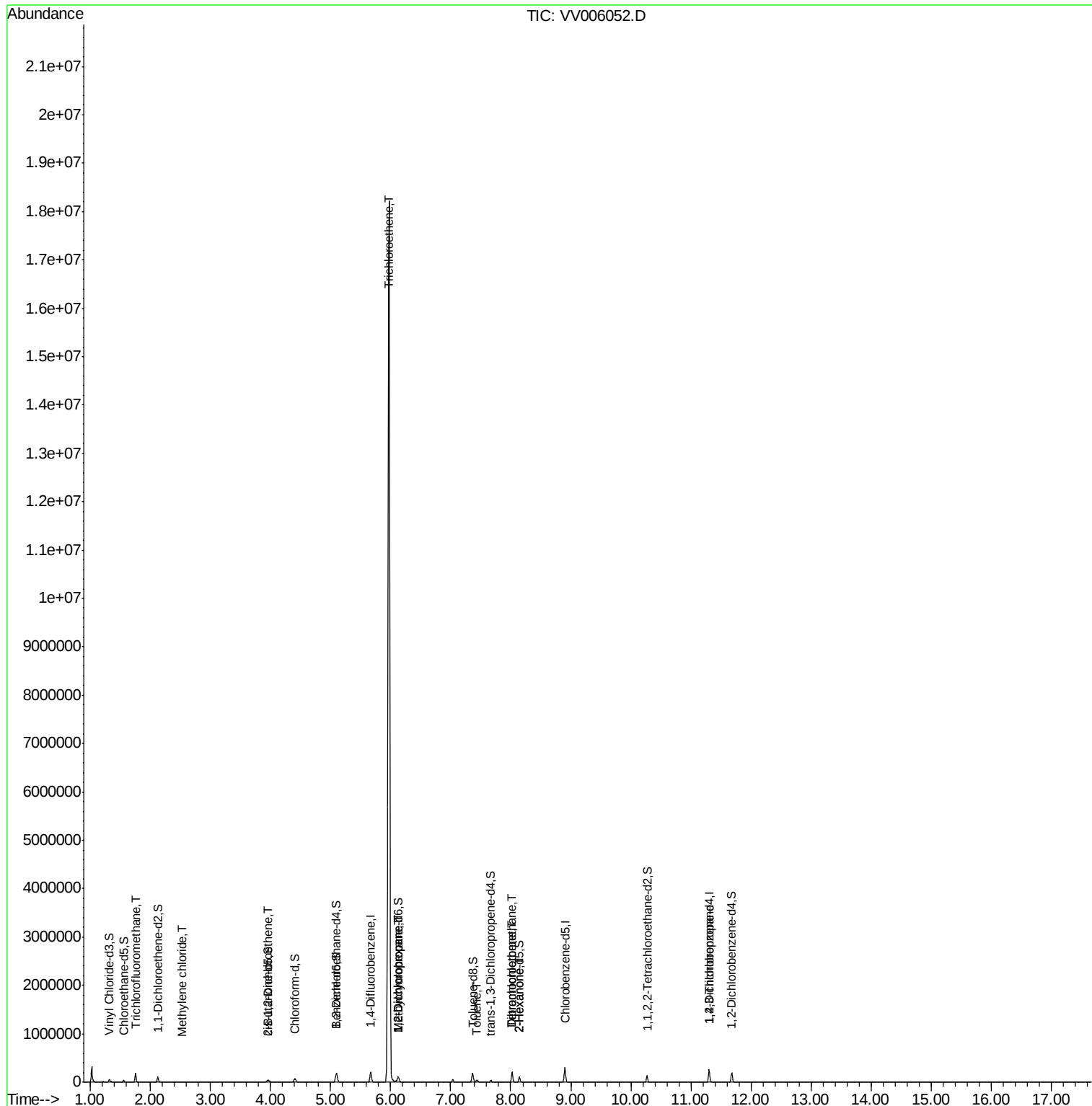
Target Compounds

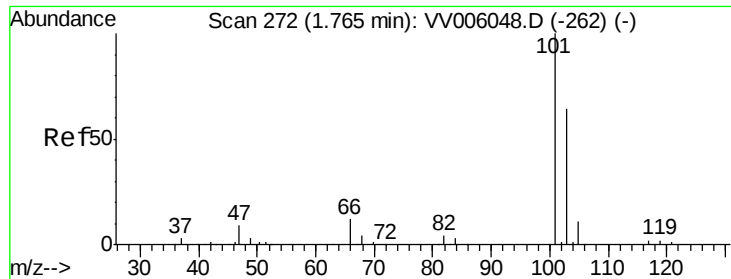
						Qvalue
9) Trichlorofluoromethane	1.76	101	104921	51.78	ug/L	99
16) Methylene chloride	2.54	84	2529	2.01	ug/L	100
20) cis-1,2-Dichloroethene	3.97	96	4489	3.31	ug/L	86
34) Trichloroethene	5.97	95	6677544	5181.40	ug/L	96
35) Methylcyclohexane	6.12	83	11489	5.72	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	5582	4.16	ug/L #	87
42) Toluene	7.44	91	33015	6.34	ug/L	99
46) Tetrachloroethene	8.02	164	42314	43.68	ug/L	99
48) 2-Hexanone	8.14	43	4851	3.57	ug/L #	71
49) Dibromochloromethane	8.02	129	41774	30.85	ug/L #	10
59) 1,2,3-Trichloropropane	11.30	75	8666	5.06	ug/L	89

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

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#9

Trichlorofluoromethane

Concen: 51.78 ug/L

RT: 1.76 min Scan# 269

Delta R.T. -0.01 min

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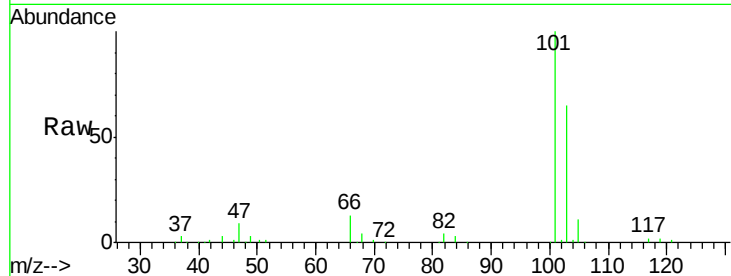
Acq: 26 May 2018 13:43

Tgt Ion: 101 Resp: 104921

Ion Ratio Lower Upper

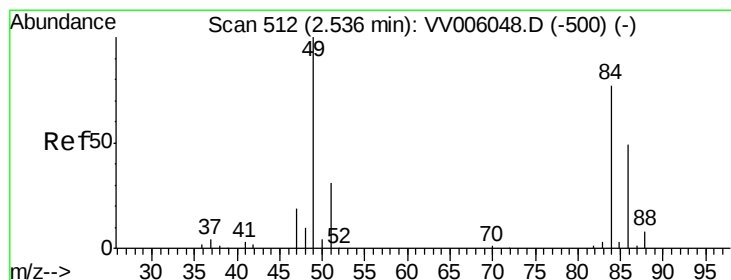
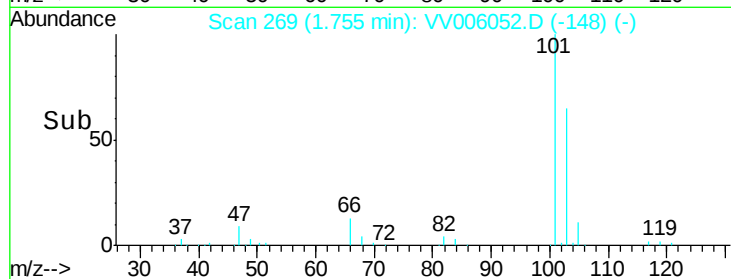
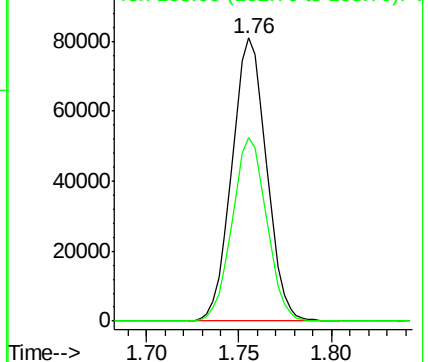
101 100

103 64.5 52.6 78.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#16

Methylene chloride

Concen: 2.01 ug/L

RT: 2.54 min Scan# 512

Delta R.T. -0.00 min

Lab File: VV006052.D

Acq: 26 May 2018 13:43

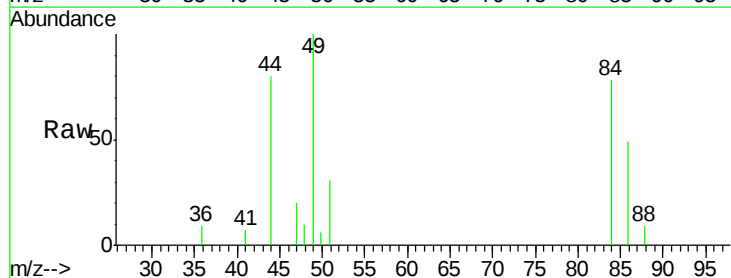
Tgt Ion: 84 Resp: 2529

Ion Ratio Lower Upper

84 100

86 63.8 45.1 83.7

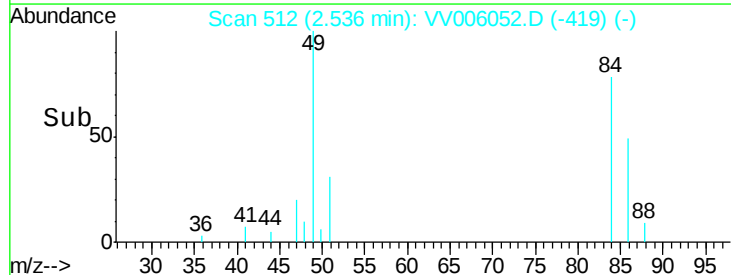
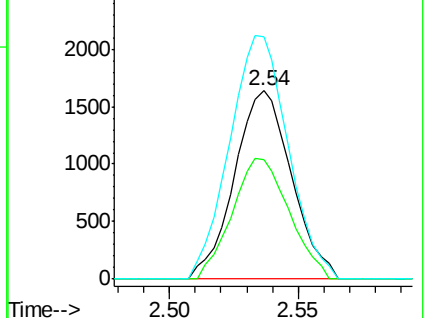
49 129.0 90.2 167.6

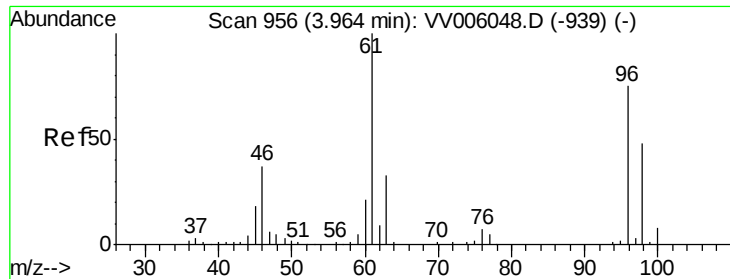


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

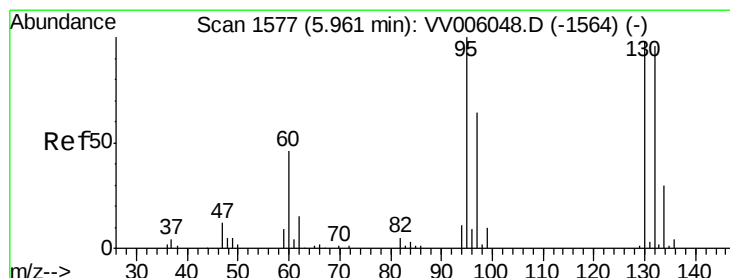
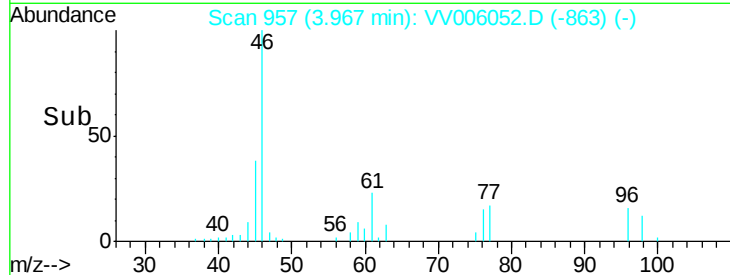
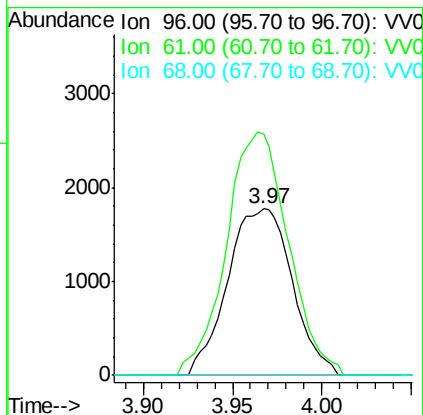
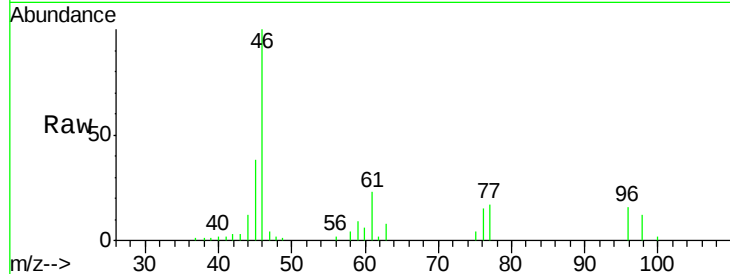
Ion 49.00 (48.70 to 49.70): VV0





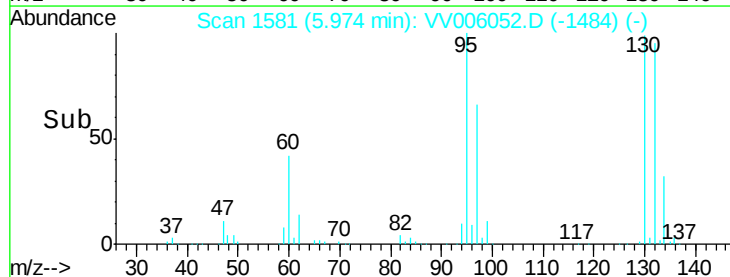
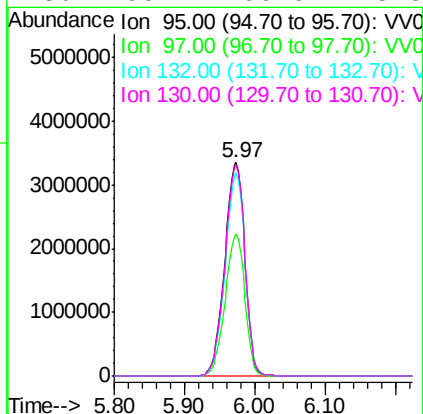
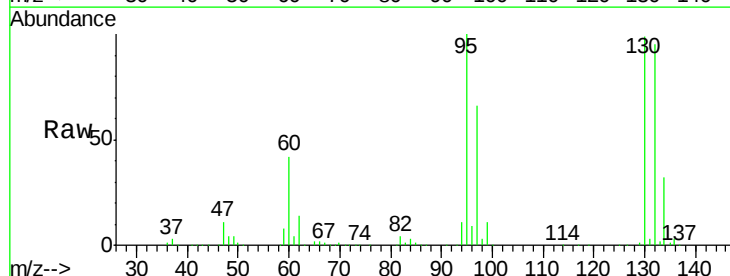
#20
 cis-1,2-Dichloroethene
 Concen: 3.31 ug/L
 RT: 3.97 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VV006052.D
 Acq: 26 May 2018 13:43

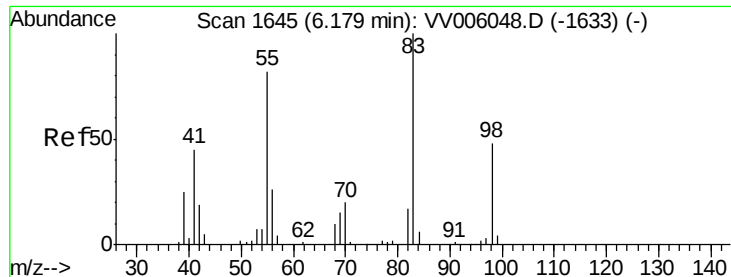
Tgt Ion: 96 Resp: 4489
 Ion Ratio Lower Upper
 96 100
 61 145.2 89.9 167.0
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 5181.40 ug/L
 RT: 5.97 min Scan# 1581
 Delta R.T. 0.01 min
 Lab File: VV006052.D
 Acq: 26 May 2018 13:43

Tgt Ion: 95 Resp: 6677544
 Ion Ratio Lower Upper
 95 100
 97 66.4 44.0 81.6
 132 95.3 65.0 120.6
 130 99.1 66.6 123.8





#35

Methylcyclohexane

Concen: 5.72 ug/L

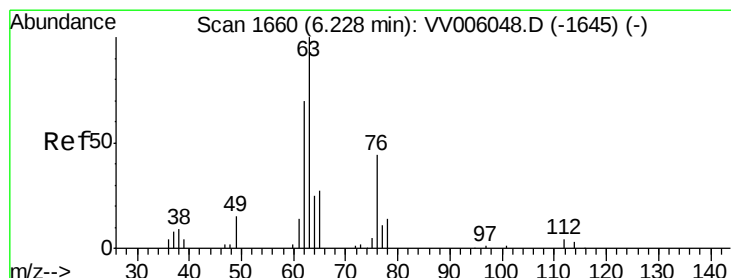
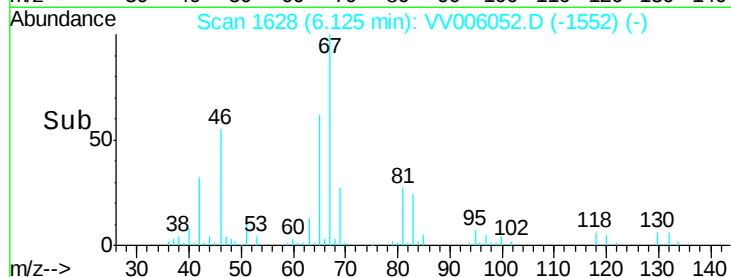
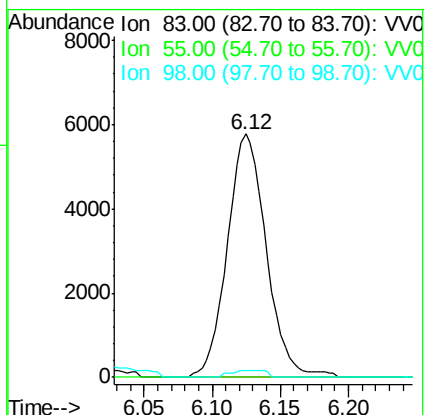
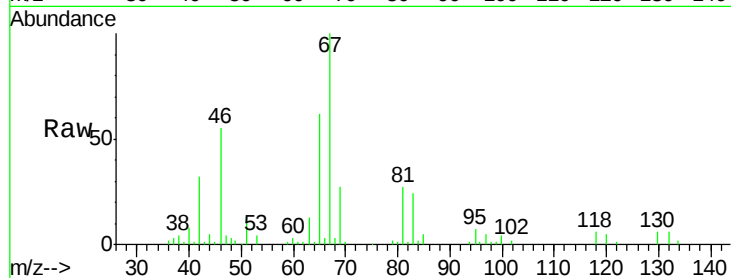
RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006052.D

Acq: 26 May 2018 13:43

Tgt Ion:	83	Resp:	11489
Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.1	94.7#
98	0.4	37.8	56.8#



#37

1,2-Dichloropropane

Concen: 4.16 ug/L

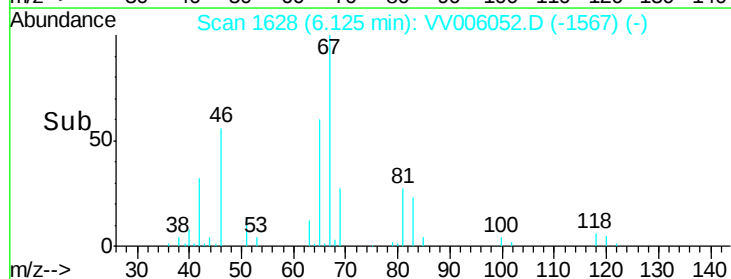
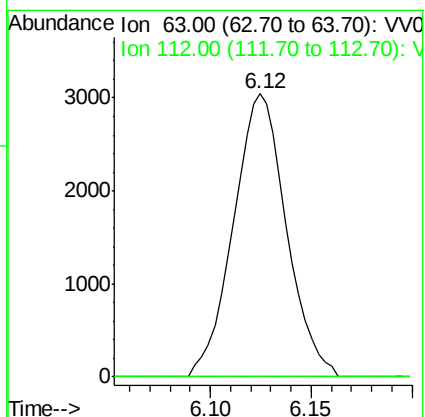
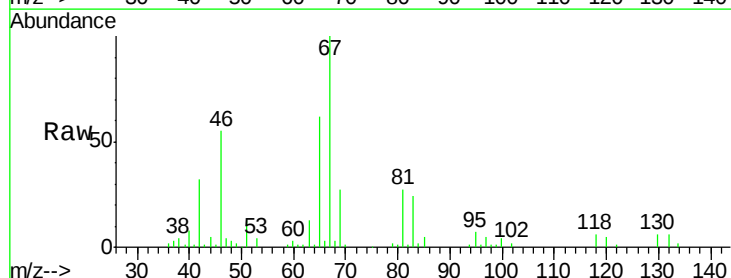
RT: 6.12 min Scan# 1628

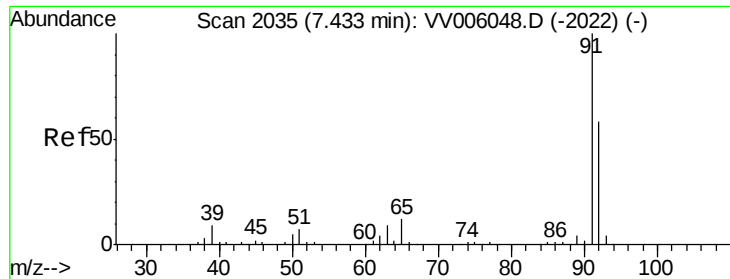
Delta R.T. -0.10 min

Lab File: VV006052.D

Acq: 26 May 2018 13:43

Tgt Ion:	63	Resp:	5582
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#





#42

Toluene

Concen: 6.34 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV006052.D

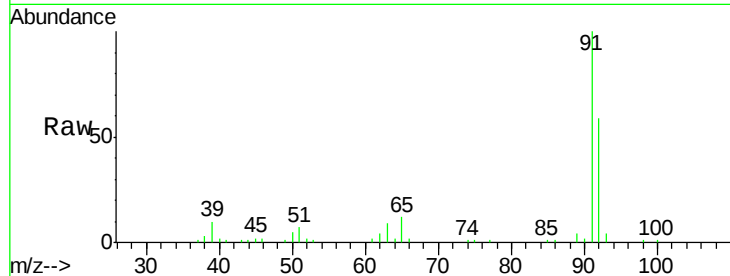
Acq: 26 May 2018 13:43

Tgt Ion: 91 Resp: 33015

Ion Ratio Lower Upper

91 100

92 58.9 40.7 75.7



Abundance Ion 91.00 (90.70 to 91.70): VV006048.D (-2022) (-)

Ion 92.00 (91.70 to 92.70): VV006048.D (-2022) (-)

7.44

20000

15000

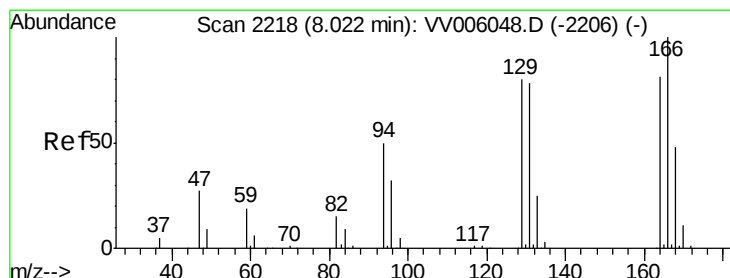
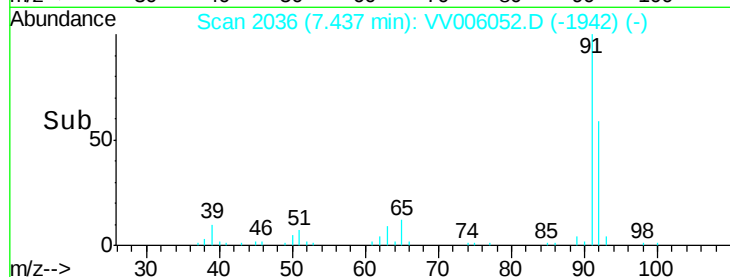
10000

5000

0

7.40 7.45 7.50

Time-->



#46

Tetrachloroethene

Concen: 43.68 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VV006052.D

Acq: 26 May 2018 13:43

Tgt Ion: 164 Resp: 42314

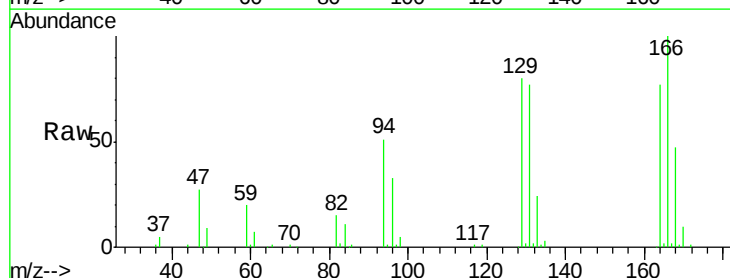
Ion Ratio Lower Upper

164 100

129 103.7 72.2 134.2

131 98.9 70.0 130.0

166 129.3 90.4 167.8



Abundance Ion 164.00 (163.70 to 164.70): VV006048.D (-2206) (-)

Ion 129.00 (128.70 to 129.70): VV006048.D (-2206) (-)

Ion 131.00 (130.70 to 131.70): VV006048.D (-2206) (-)

Ion 166.00 (165.70 to 166.70): VV006048.D (-2206) (-)

8.02

50000

40000

30000

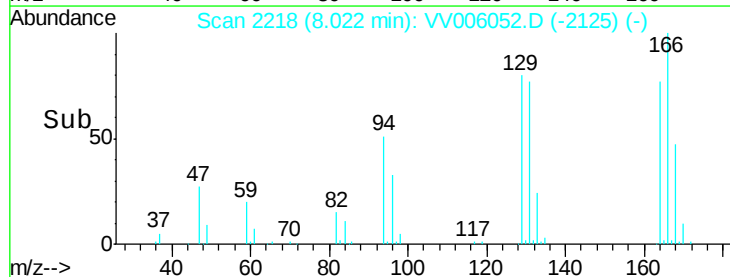
20000

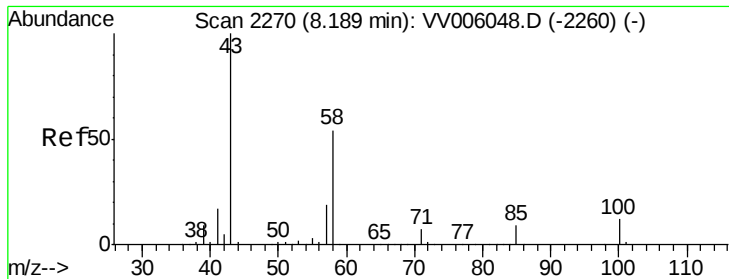
10000

0

7.95 8.00 8.05 8.10

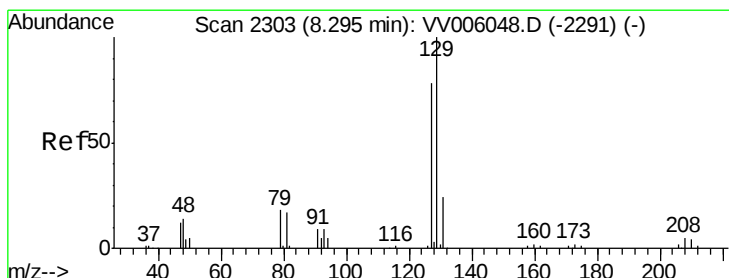
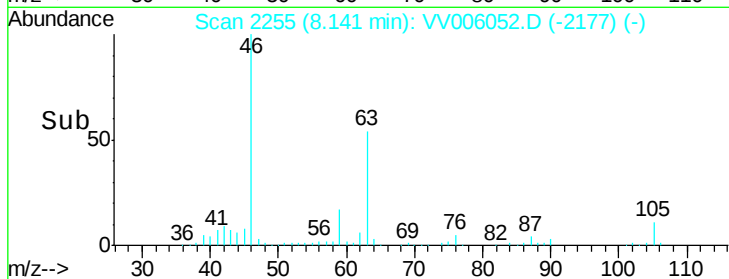
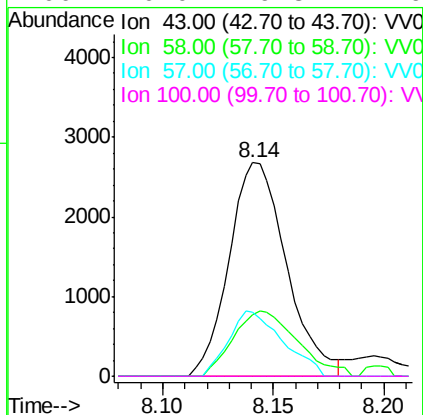
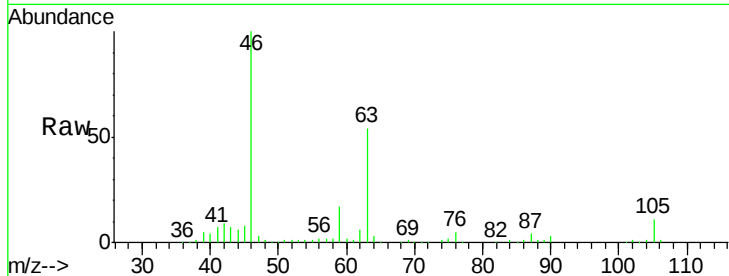
Time-->





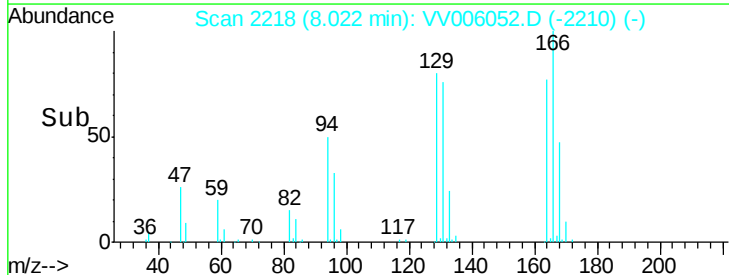
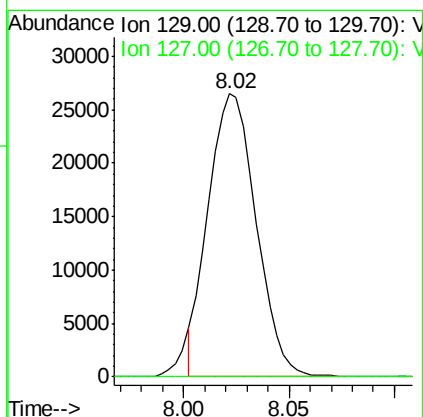
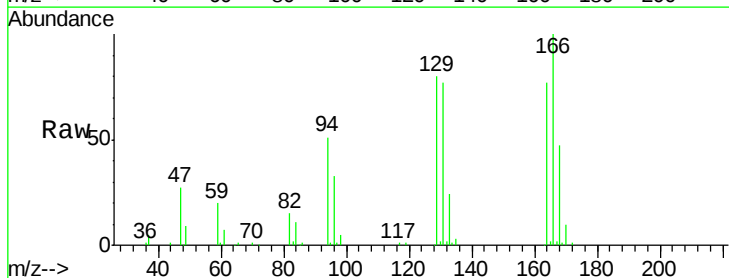
#48
2-Hexanone
Concen: 3.57 ug/L
RT: 8.14 min Scan# 2255
Delta R.T. -0.05 min
Lab File: VV006052.D
Acq: 26 May 2018 13:43

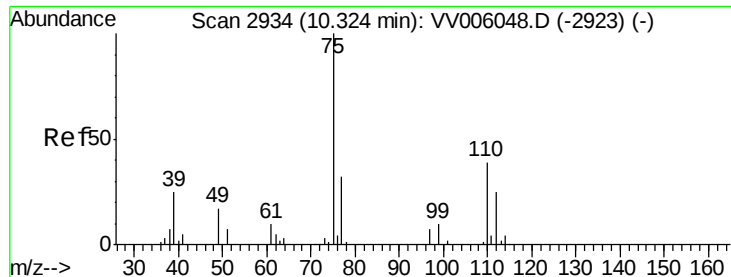
Tgt Ion: 43 Resp: 4851
Ion Ratio Lower Upper
43 100
58 33.6 45.4 68.2#
57 28.9 15.9 23.9#
100 0.0 9.8 14.6#



#49
Dibromochloromethane
Concen: 30.85 ug/L
RT: 8.02 min Scan# 2218
Delta R.T. -0.27 min
Lab File: VV006052.D
Acq: 26 May 2018 13:43

Tgt Ion: 129 Resp: 41774
Ion Ratio Lower Upper
129 100
127 0.0 54.8 101.8#





#59

1,2,3-Trichloropropane

Concen: 5.06 ug/L

RT: 11.30 min Scan# 3238

Delta R.T. 0.98 min

Lab File: VV006052.D

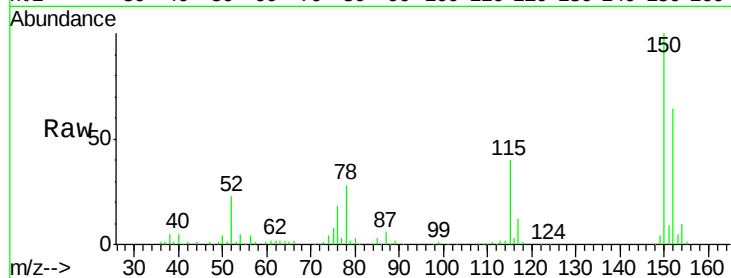
Acq: 26 May 2018 13:43

Tgt Ion: 75 Resp: 8666

Ion Ratio Lower Upper

75 100

77 38.5 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

