

Data File : VV006061.D
Acq On : 26 May 2018 17:36
Operator : SY/MD
Sample : J3090-12 100X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 28 02:07:00 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	166813	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	157995	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	65416	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54883	47.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.22%
7) Chloroethane-d5	1.56	69	22847	27.73	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	55.46%#
11) 1,1-Dichloroethene-d2	2.13	63	77278	35.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.28%
21) 2-Butanone-d5	3.95	46	55138	82.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.63%
24) Chloroform-d	4.40	84	103322	47.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.10%
26) 1,2-Dichloroethane-d4	5.09	65	71193	49.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.32%
32) Benzene-d6	5.10	84	205810	49.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.12	67	66148	49.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.18%
41) Toluene-d8	7.37	98	182288	46.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.82%
43) trans-1,3-Dichloropropene-	7.67	79	27398	44.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.20%
47) 2-Hexanone-d5	8.14	63	54983	104.88	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.88%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	91821	50.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.12%
64) 1,2-Dichlorobenzene-d4	11.68	152	68453	52.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.22%

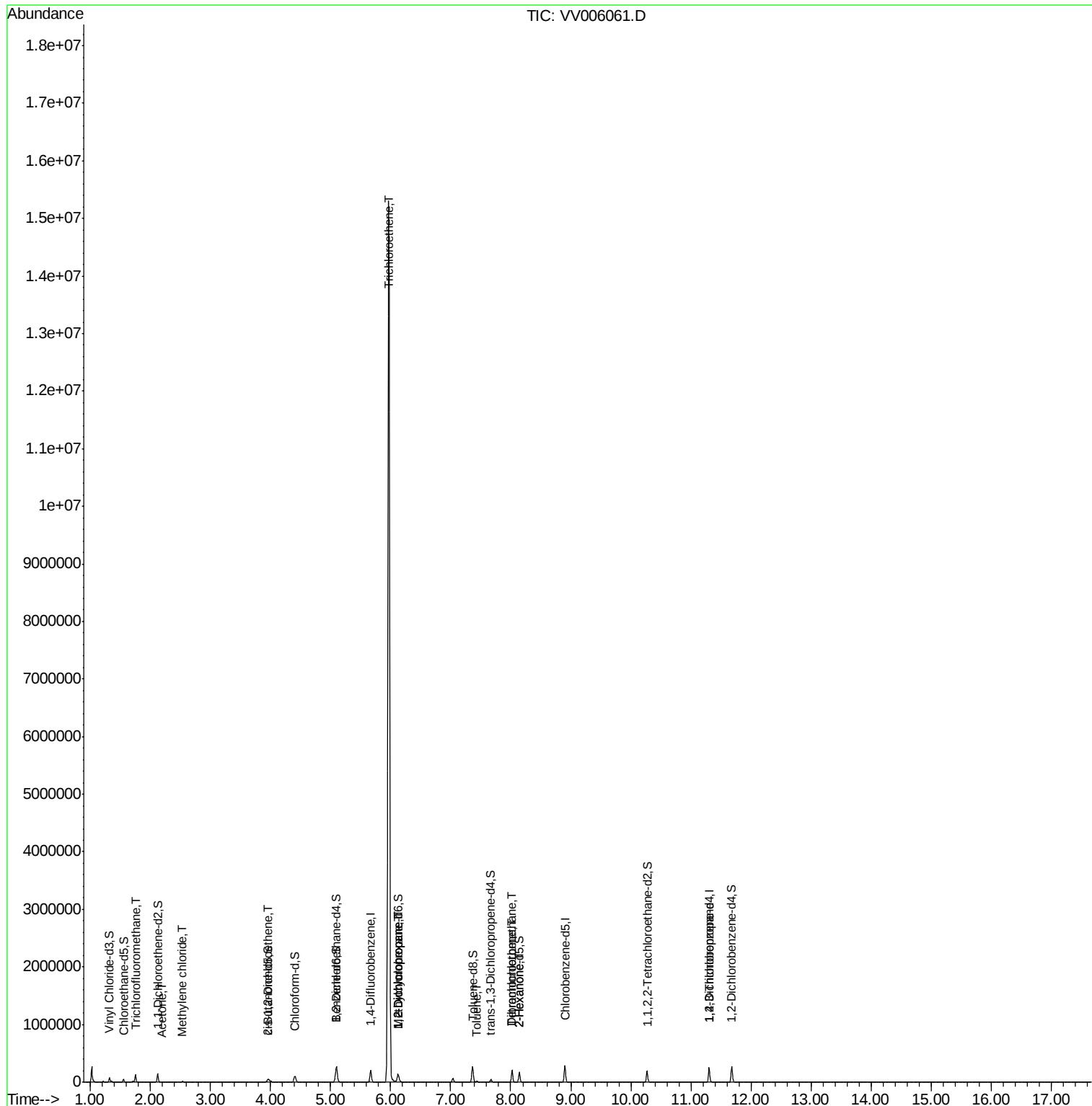
Target Compounds

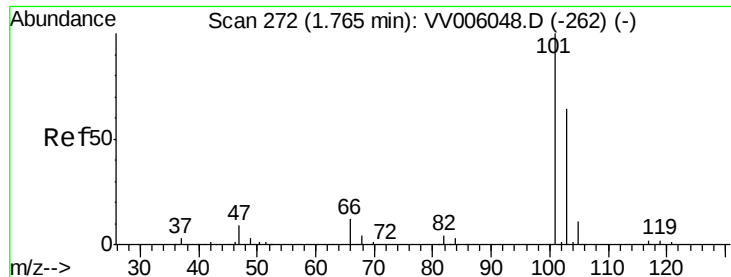
						Qvalue
9) Trichlorofluoromethane	1.76	101	75503	38.19	ug/L	99
13) Acetone	2.20	43	882	1.28	ug/L	69
16) Methylene chloride	2.53	84	3307	2.70	ug/L	94
20) cis-1,2-Dichloroethene	3.96	96	4578	3.46	ug/L	91
34) Trichloroethene	5.97	95	5460373	4285.00	ug/L	97
35) Methylcyclohexane	6.12	83	15942	8.03	ug/L #	18
37) 1,2-Dichloropropane	6.13	63	7702	5.80	ug/L #	87
42) Toluene	7.44	91	10836	2.10	ug/L	97
46) Tetrachloroethene	8.02	164	43672	45.60	ug/L	98
48) 2-Hexanone	8.14	43	7359	5.47	ug/L #	70
49) Dibromochloromethane	8.02	129	42783	31.95	ug/L #	10
59) 1,2,3-Trichloropropane	11.30	75	8122	4.80	ug/L	91

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

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Quant Title : VOC Analysis
QLast Update : Mon May 28 02:03:29 2018
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 38.19 ug/L

RT: 1.76 min Scan# 269

Delta R.T. -0.01 min

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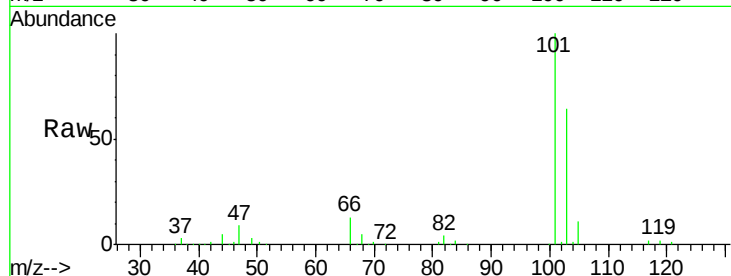
Acq: 26 May 2018 17:36

Tgt Ion: 101 Resp: 75503

Ion Ratio Lower Upper

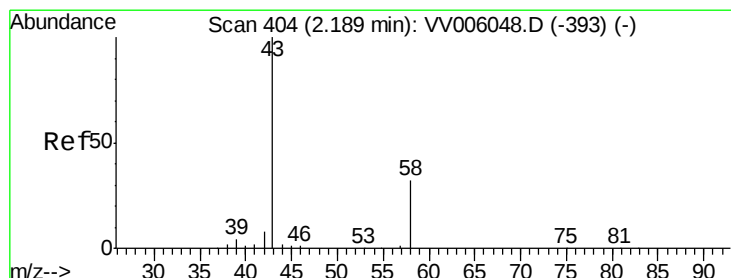
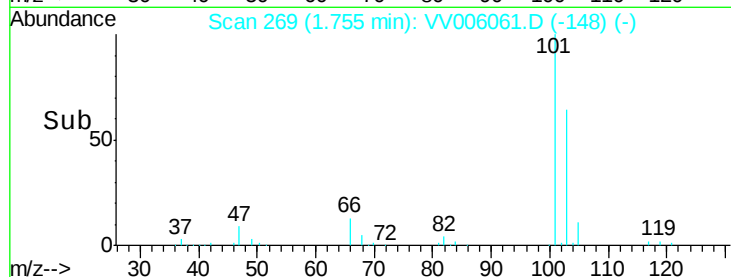
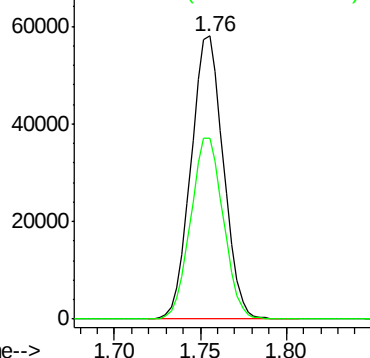
101 100

103 64.9 52.6 78.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Acetone

Concen: 1.28 ug/L

RT: 2.20 min Scan# 406

Delta R.T. 0.01 min

Lab File: VV006061.D

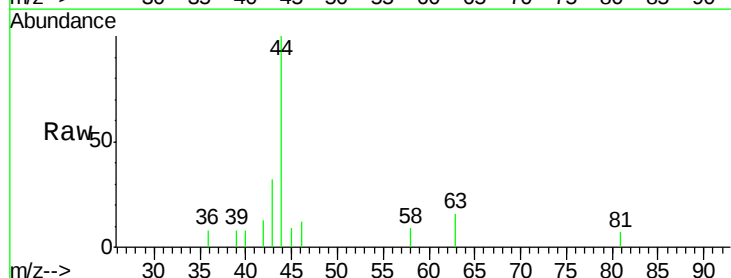
Acq: 26 May 2018 17:36

Tgt Ion: 43 Resp: 882

Ion Ratio Lower Upper

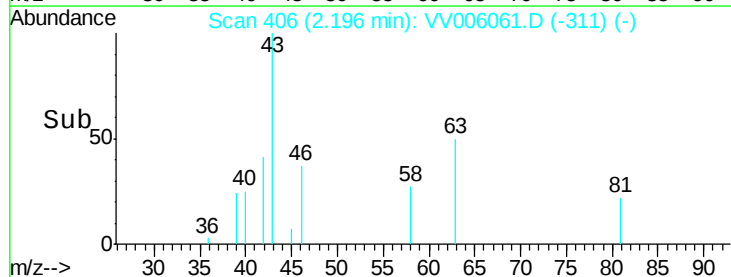
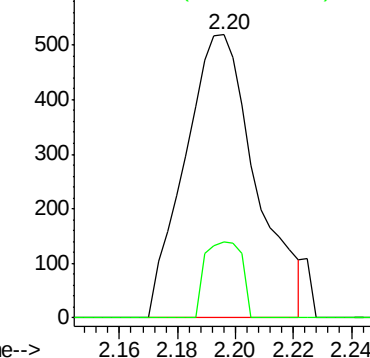
43 100

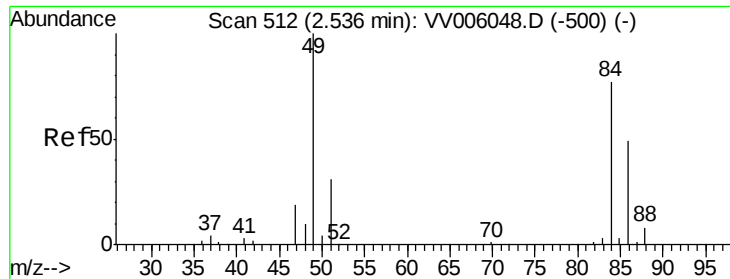
58 14.1 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

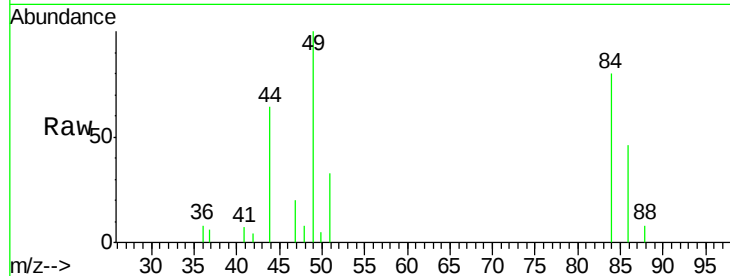
Ion 58.00 (57.70 to 58.70): VV0



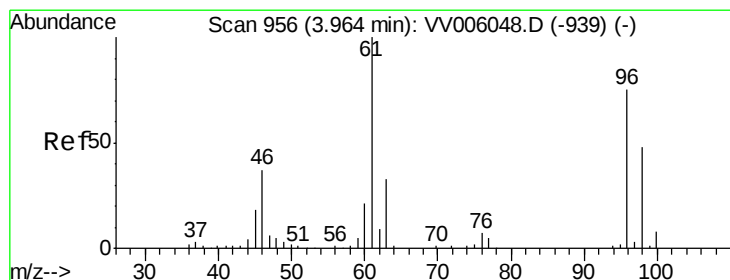
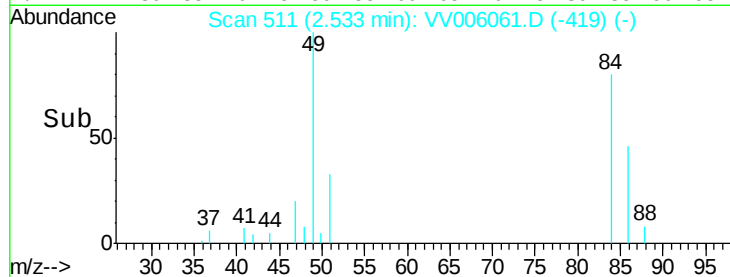
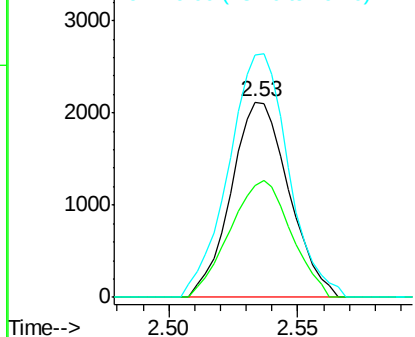


#16
Methylene chloride
Concen: 2.70 ug/L
RT: 2.53 min Scan# 511
Delta R.T. -0.00 min
Lab File: VV006061.D
Acq: 26 May 2018 17:36

Tgt Ion: 84 Resp: 3307
Ion Ratio Lower Upper
84 100
86 57.4 45.1 83.7
49 124.2 90.2 167.6

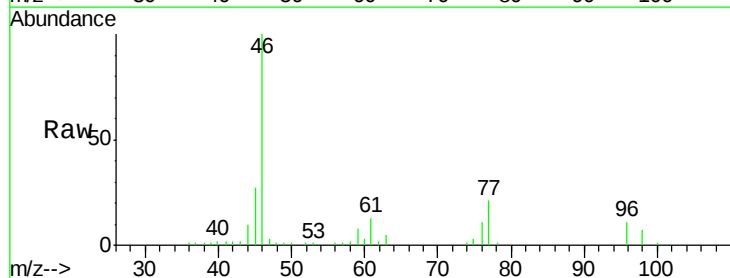


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.00 (48.70 to 49.70): VV0

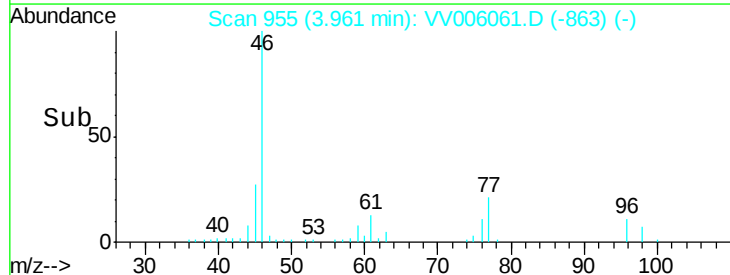
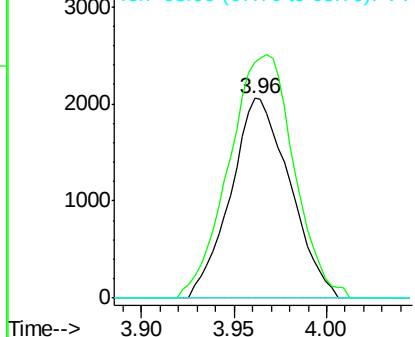


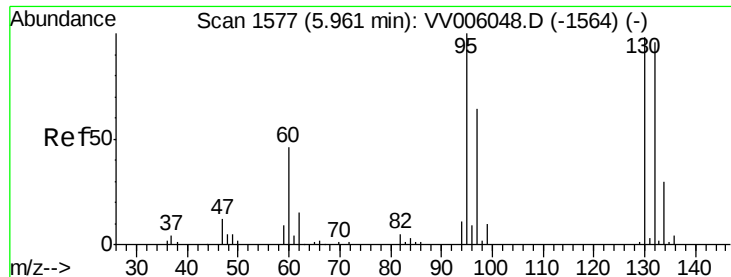
#20
cis-1,2-Dichloroethene
Concen: 3.46 ug/L
RT: 3.96 min Scan# 955
Delta R.T. -0.00 min
Lab File: VV006061.D
Acq: 26 May 2018 17:36

Tgt Ion: 96 Resp: 4578
Ion Ratio Lower Upper
96 100
61 118.3 89.9 167.0
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 68.00 (67.70 to 68.70): VV0

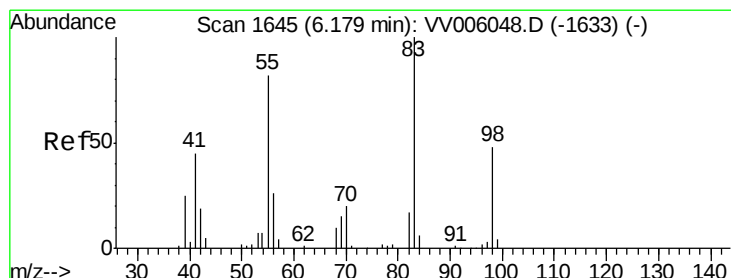
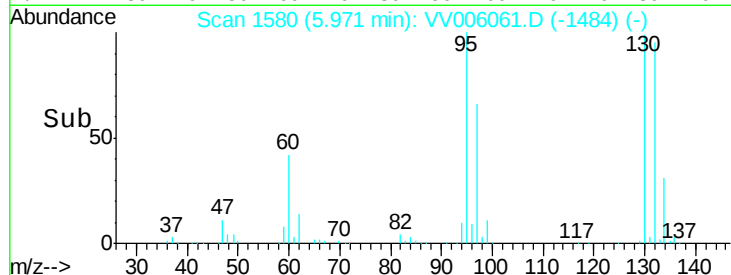
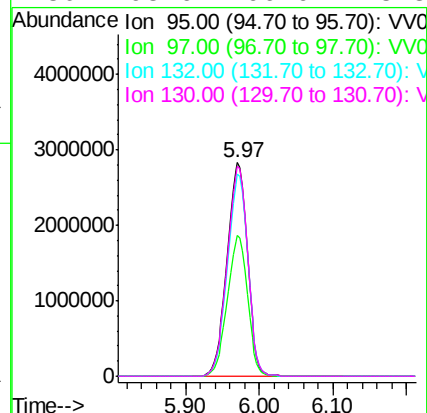
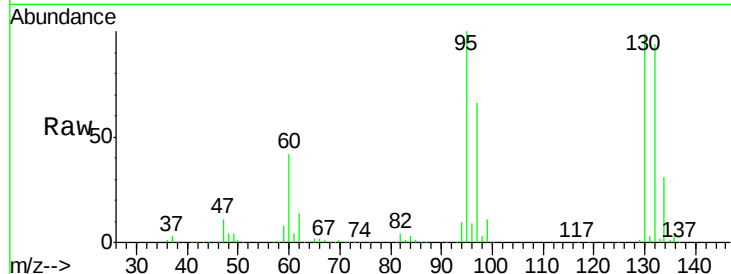




#34
 Trichloroethene
 Concen: 4285.00 ug/L
 RT: 5.97 min Scan# 1580
 Delta R.T. 0.01 min
 Lab File: VV006061.D
 Acq: 26 May 2018 17:36

Tgt Ion: 95 Resp: 5460373

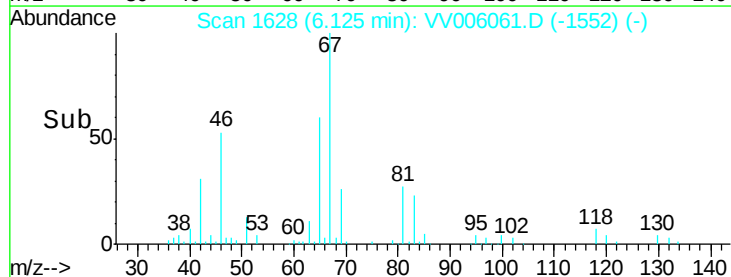
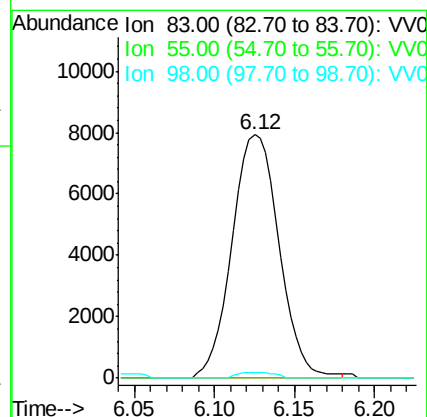
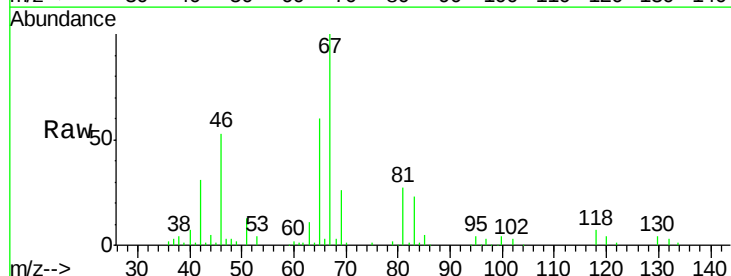
Ion	Ratio	Lower	Upper
95	100		
97	65.8	44.0	81.6
132	94.4	65.0	120.6
130	98.6	66.6	123.8

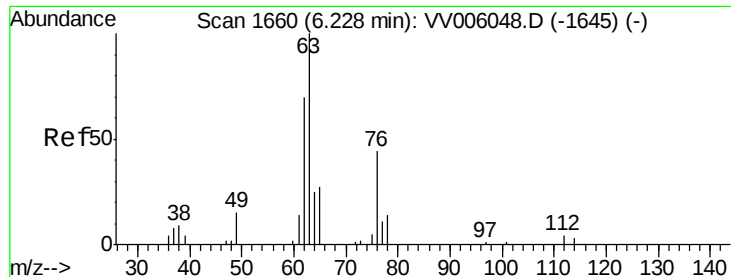


#35
 Methylcyclohexane
 Concen: 8.03 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.05 min
 Lab File: VV006061.D
 Acq: 26 May 2018 17:36

Tgt Ion: 83 Resp: 15942

Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.1	94.7#
98	1.8	37.8	56.8#





#37

1,2-Dichloropropane

Concen: 5.80 ug/L

RT: 6.13 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VV006061.D

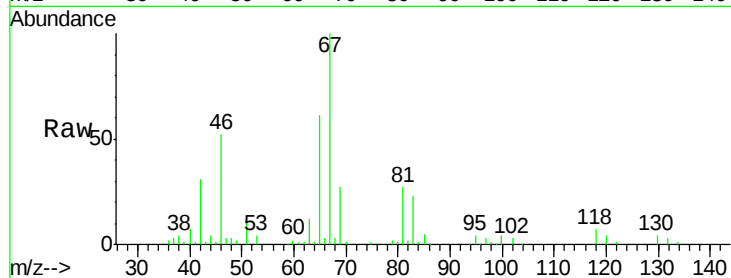
Acq: 26 May 2018 17:36

Tgt Ion: 63 Resp: 7702

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV006048.D (-1645) (-)

Ion 112.00 (111.70 to 112.70): VV006048.D (-1645) (-)

6.13

4000

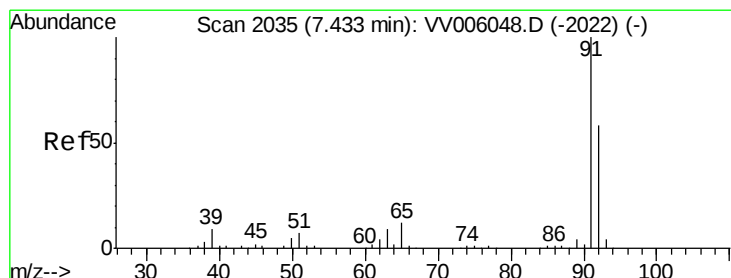
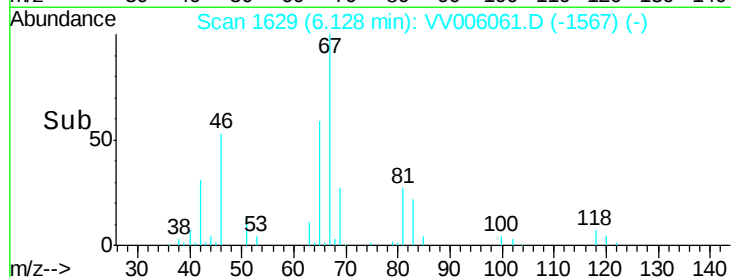
3000

2000

1000

0

Time--> 6.05 6.10 6.15



#42

Toluene

Concen: 2.10 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV006061.D

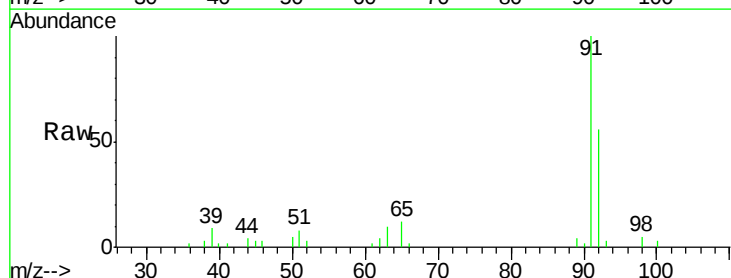
Acq: 26 May 2018 17:36

Tgt Ion: 91 Resp: 10836

Ion Ratio Lower Upper

91 100

92 55.9 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

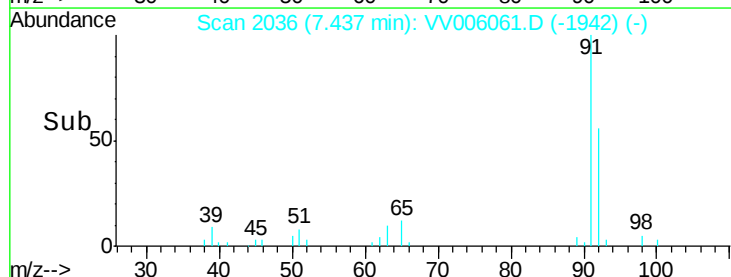
6000

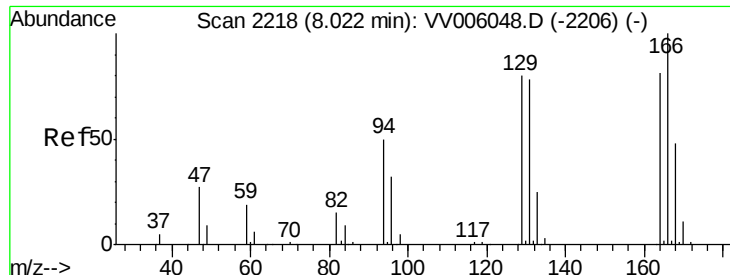
4000

2000

0

Time--> 7.40 7.45 7.50





#46

Tetrachloroethene

Concen: 45.60 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VV006061.D

Acq: 26 May 2018 17:36

Tgt Ion: 164 Resp: 43672

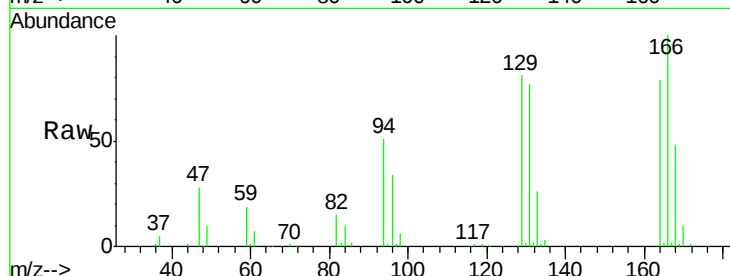
Ion Ratio Lower Upper

164 100

129 102.4 72.2 134.2

131 97.2 70.0 130.0

166 126.0 90.4 167.8

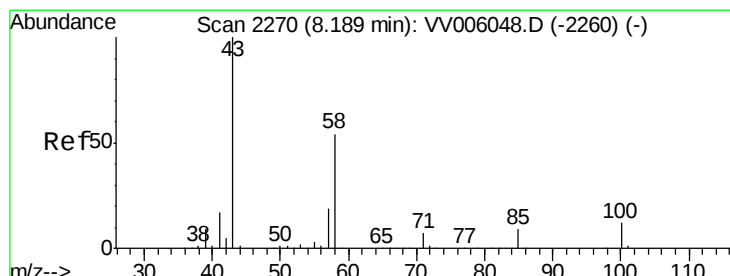
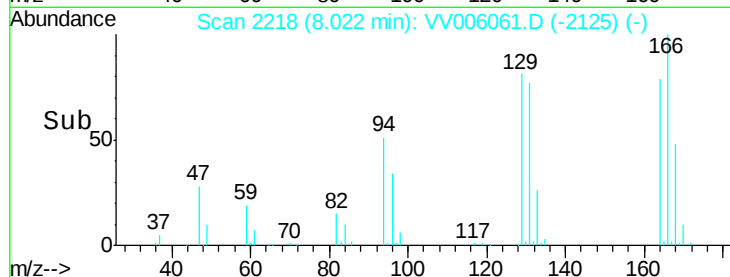
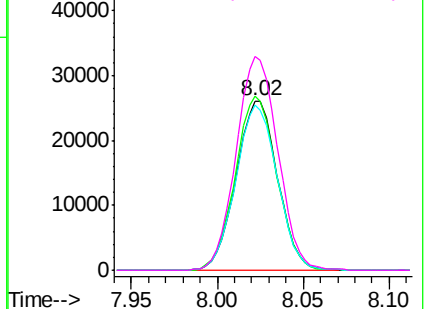


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 5.47 ug/L

RT: 8.14 min Scan# 2255

Delta R.T. -0.05 min

Lab File: VV006061.D

Acq: 26 May 2018 17:36

Tgt Ion: 43 Resp: 7359

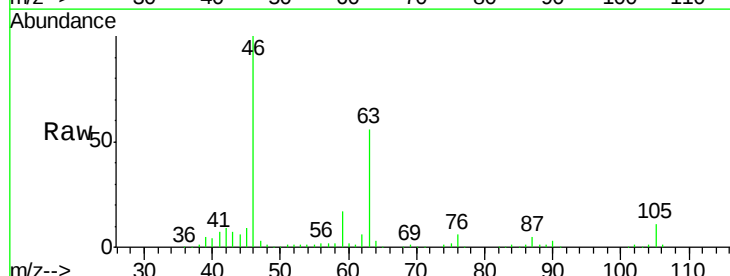
Ion Ratio Lower Upper

43 100

58 33.2 45.4 68.2#

57 31.5 15.9 23.9#

100 0.0 9.8 14.6#

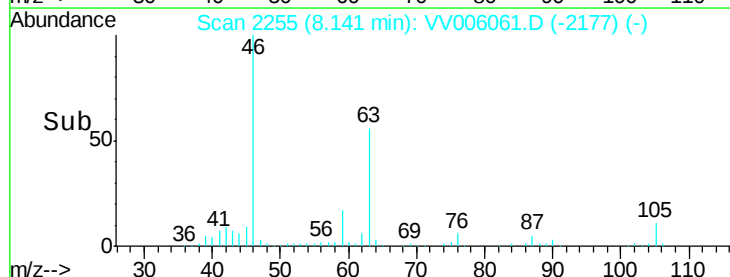
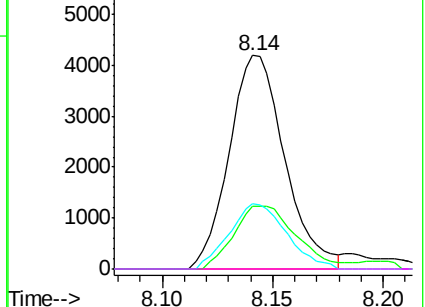


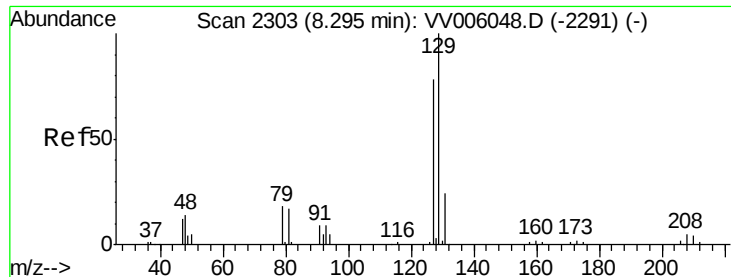
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#49

Dibromochloromethane

Concen: 31.95 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.27 min

Lab File: VV006061.D

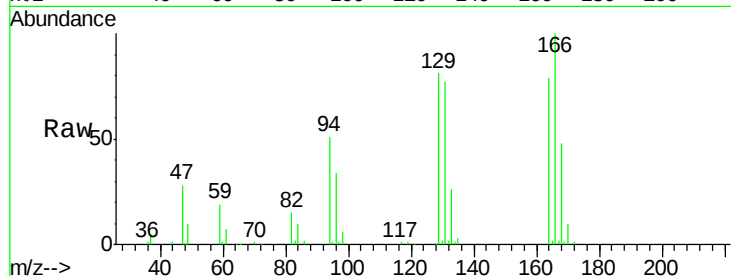
Acq: 26 May 2018 17:36

Tgt Ion: 129 Resp: 42783

Ion Ratio Lower Upper

129 100

127 0.0 54.8 101.8#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

8.02

25000

20000

15000

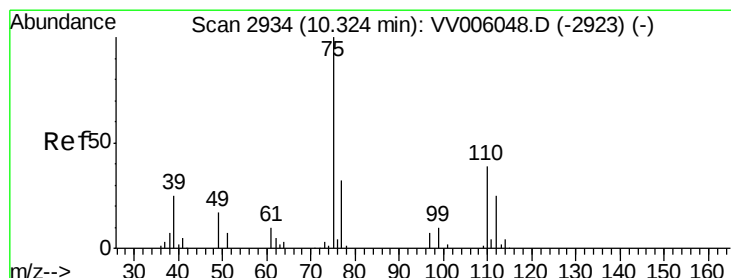
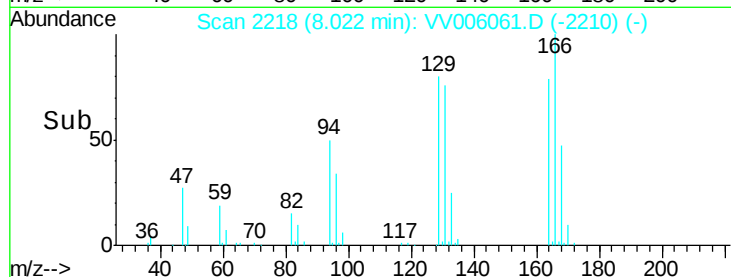
10000

5000

0

8.00 8.05

Time-->



#59

1,2,3-Trichloropropane

Concen: 4.80 ug/L

RT: 11.30 min Scan# 3238

Delta R.T. 0.98 min

Lab File: VV006061.D

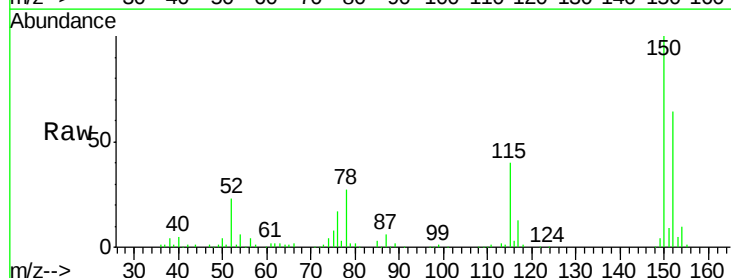
Acq: 26 May 2018 17:36

Tgt Ion: 75 Resp: 8122

Ion Ratio Lower Upper

75 100

77 37.2 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

11.30

6000

5000

4000

3000

2000

1000

0

11.25 11.30 11.35

Time-->

