

Data File : VV006072.D
Acq On : 26 May 2018 23:37
Operator : SY/MD
Sample : J3089-14 200X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Quant Time: May 28 04:16:54 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	161743	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	153285	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	60812	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50954	45.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.22%
7) Chloroethane-d5	1.55	69	11798	14.77	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	29.54%#
11) 1,1-Dichloroethene-d2	2.12	63	73190	34.81	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.62%
21) 2-Butanone-d5	3.96	46	49920	77.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.15%
24) Chloroform-d	4.40	84	100514	47.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.09	65	69229	49.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.62%
32) Benzene-d6	5.10	84	198351	48.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.34%
36) 1,2-Dichloropropane-d6	6.12	67	64019	49.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.94%
41) Toluene-d8	7.36	98	172544	45.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.54%
43) trans-1,3-Dichloropropene-	7.67	79	25213	42.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.60%
47) 2-Hexanone-d5	8.14	63	50499	99.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.29%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	90451	50.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.66%
64) 1,2-Dichlorobenzene-d4	11.68	152	64105	53.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.00%

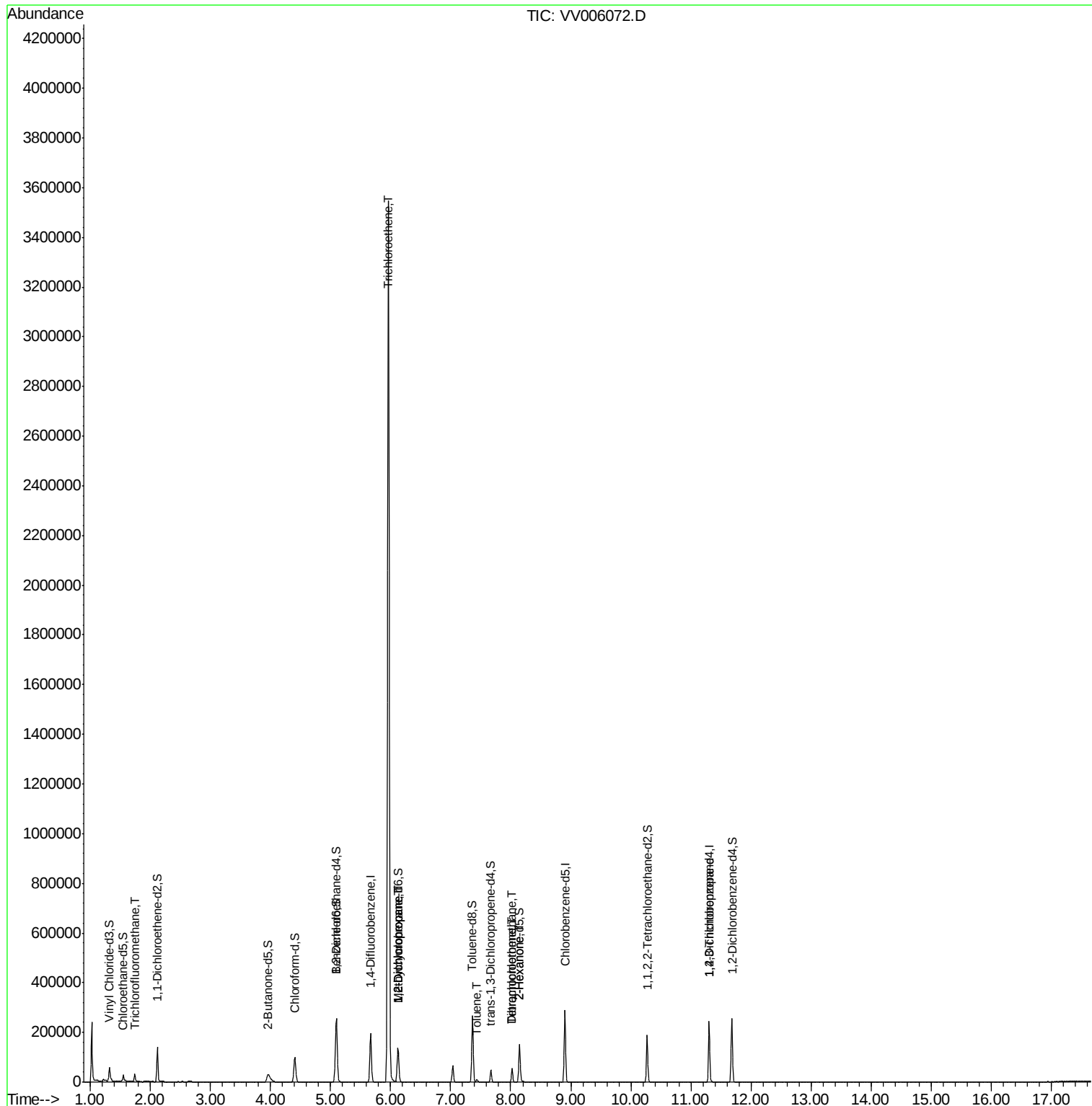
Target Compounds

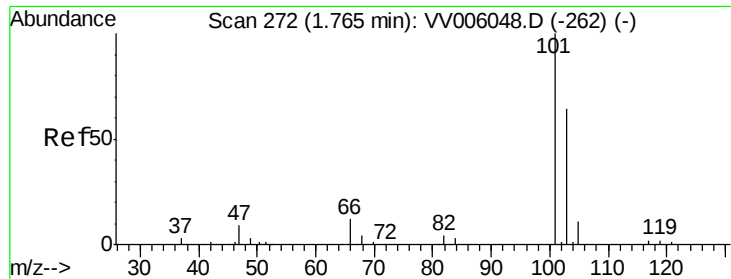
						Qvalue
9) Trichlorofluoromethane	1.74	101	16454	8.58	ug/L	99
34) Trichloroethene	5.96	95	1218215	985.36	ug/L	97
35) Methylcyclohexane	6.12	83	15800	8.21	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	7290	5.66	ug/L #	87
42) Toluene	7.44	91	6852	1.37	ug/L	99
46) Tetrachloroethene	8.02	164	11315	12.18	ug/L	98
48) 2-Hexanone	8.14	43	6915	5.30	ug/L #	72
49) Dibromochloromethane	8.02	129	10975	8.45	ug/L #	10
59) 1,2,3-Trichloropropane	11.30	75	7196	4.38	ug/L #	84

(#) = 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: 8.58 ug/L

RT: 1.74 min Scan# 265

Delta R.T. -0.02 min

Lab File: VV006072.D

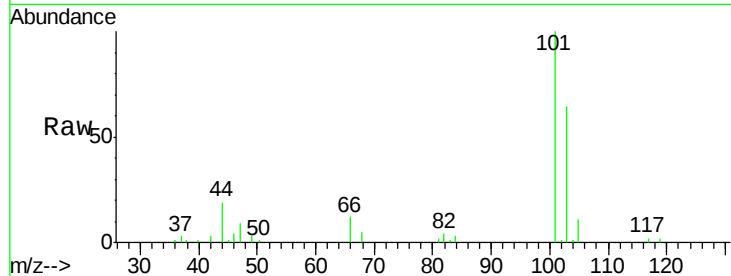
Acq: 26 May 2018 23:37

Tgt Ion: 101 Resp: 16454

Ion Ratio Lower Upper

101 100

103 65.3 52.6 78.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

1.74

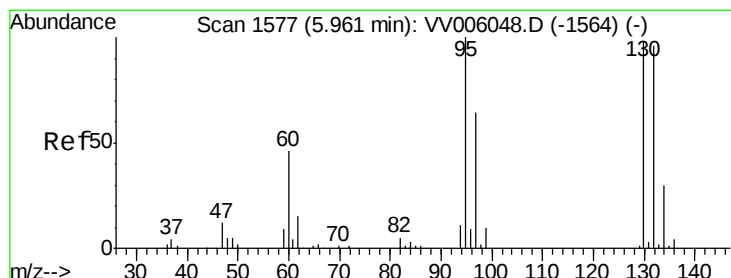
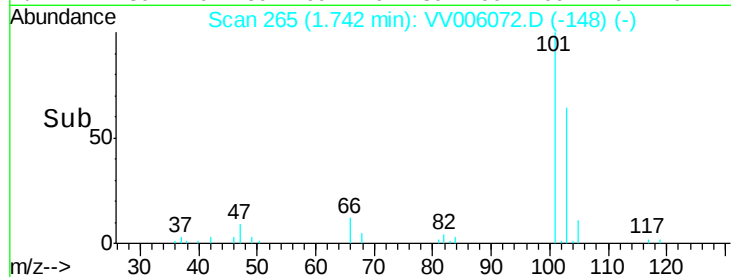
10000

5000

0

Time-->

1.70 1.75



#34

Trichloroethene

Concen: 985.36 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006072.D

Acq: 26 May 2018 23:37

Tgt Ion: 95 Resp: 1218215

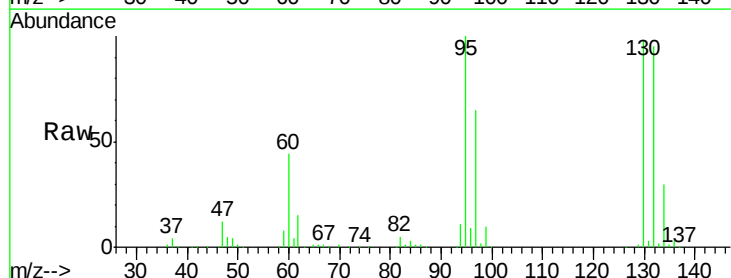
Ion Ratio Lower Upper

95 100

97 64.9 44.0 81.6

132 94.6 65.0 120.6

130 98.2 66.6 123.8



Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0

1000000

800000

600000

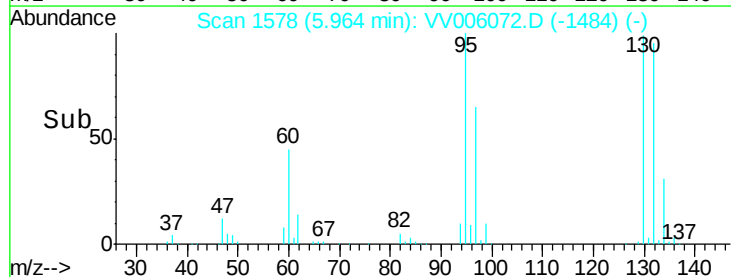
400000

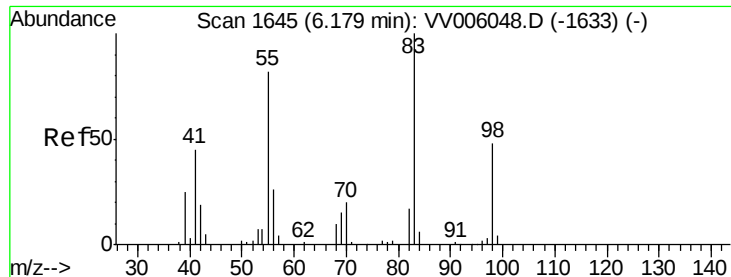
200000

0

Time-->

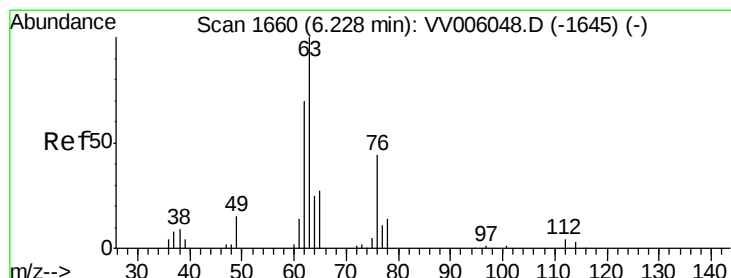
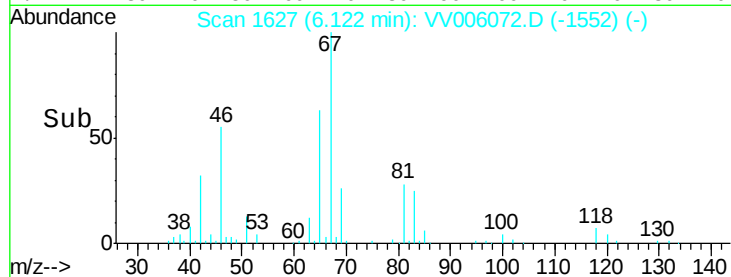
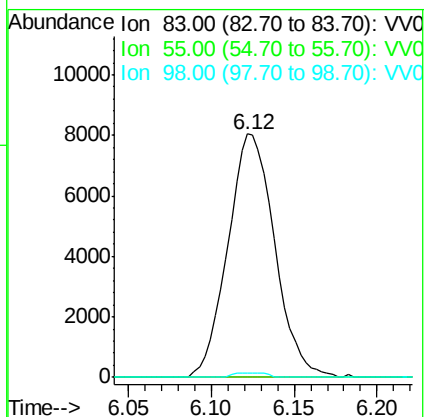
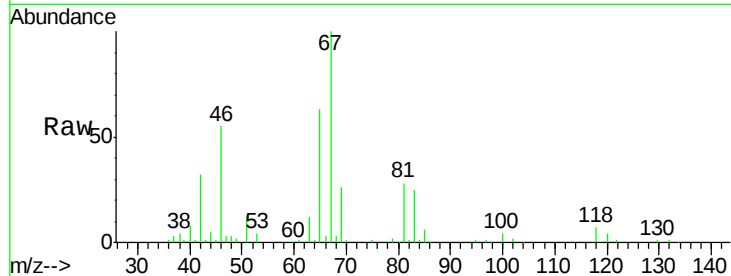
5.90 6.00 6.10





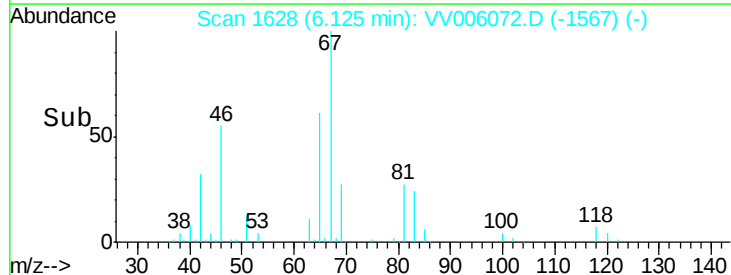
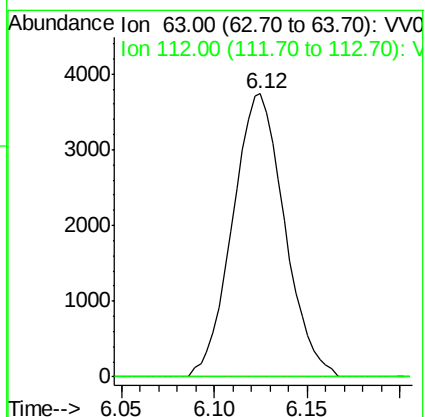
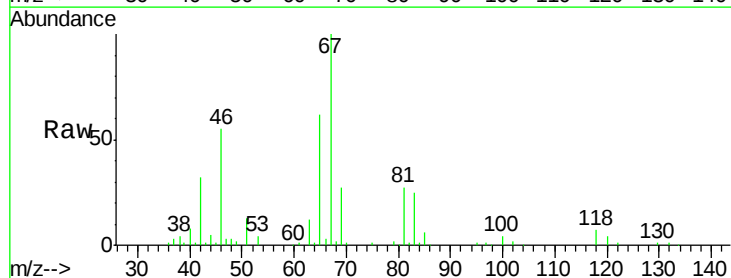
#35
Methylcyclohexane
Concen: 8.21 ug/L
RT: 6.12 min Scan# 1627
Delta R.T. -0.06 min
Lab File: VV006072.D
Acq: 26 May 2018 23:37

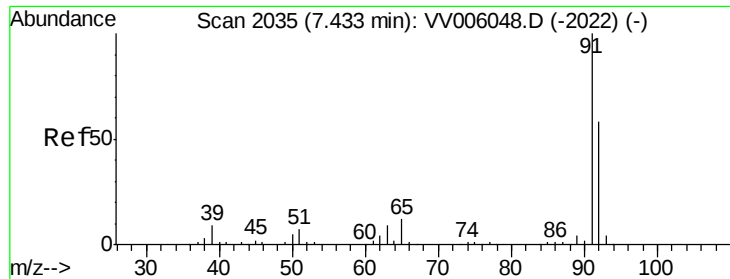
Tgt Ion: 83 Resp: 15800
Ion Ratio Lower Upper
83 100
55 0.0 63.1 94.7#
98 1.3 37.8 56.8#



#37
1,2-Dichloropropane
Concen: 5.66 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV006072.D
Acq: 26 May 2018 23:37

Tgt Ion: 63 Resp: 7290
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#42

Toluene

Concen: 1.37 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV006072.D

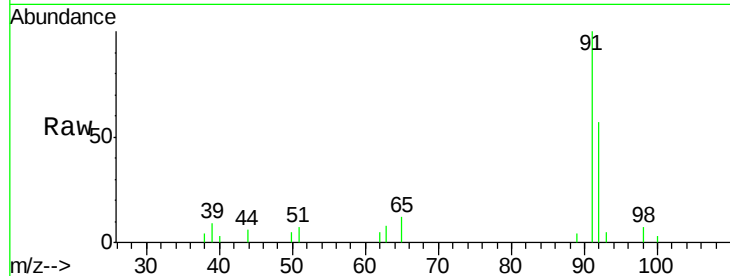
Acq: 26 May 2018 23:37

Tgt Ion: 91 Resp: 6852

Ion Ratio Lower Upper

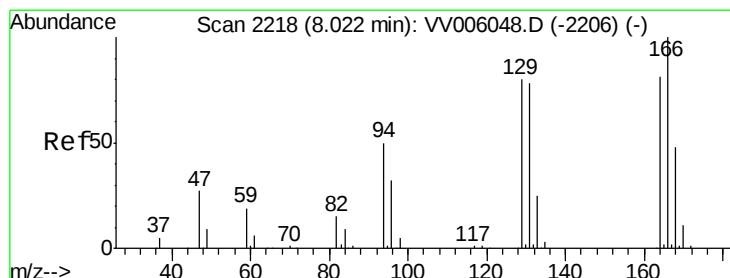
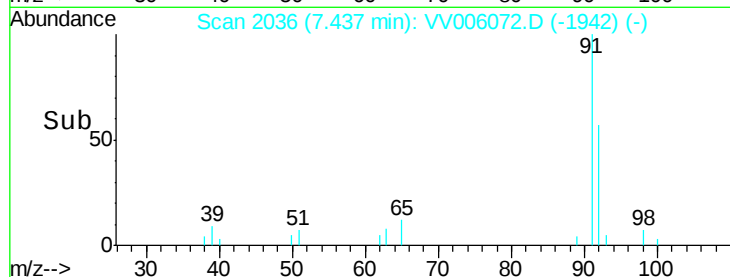
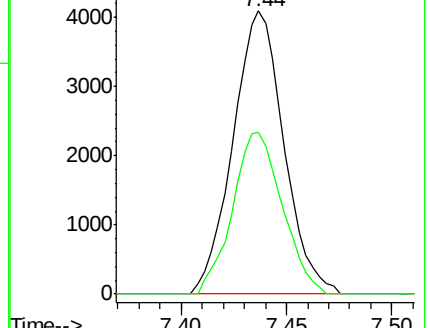
91 100

92 57.1 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) (-)



#46

Tetrachloroethene

Concen: 12.18 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VV006072.D

Acq: 26 May 2018 23:37

Tgt Ion: 164 Resp: 11315

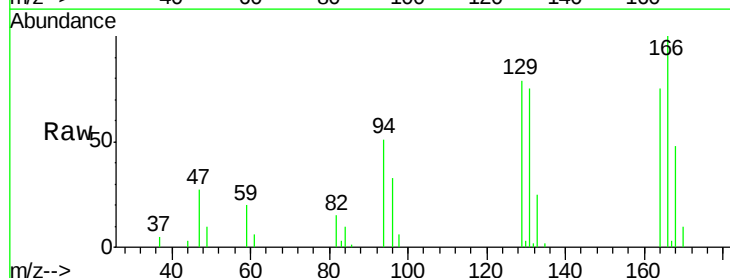
Ion Ratio Lower Upper

164 100

129 105.4 72.2 134.2

131 100.8 70.0 130.0

166 133.8 90.4 167.8

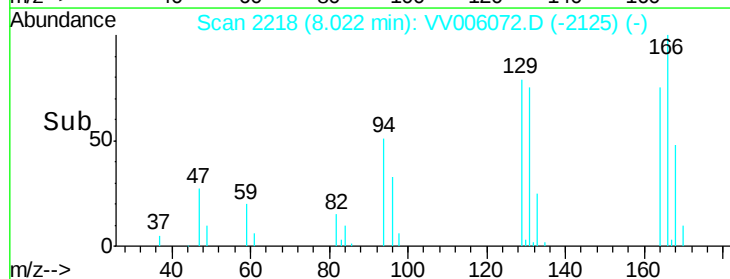
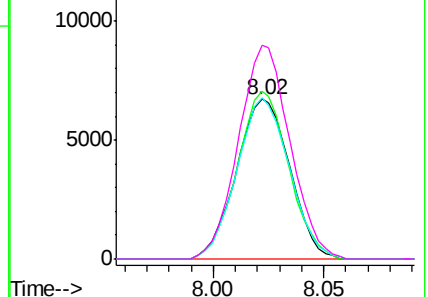


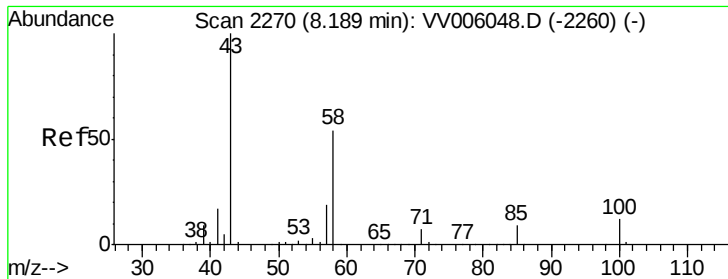
Abundance Ion 164.00 (163.70 to 164.70): VV006048.D (-2206) (-)

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

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

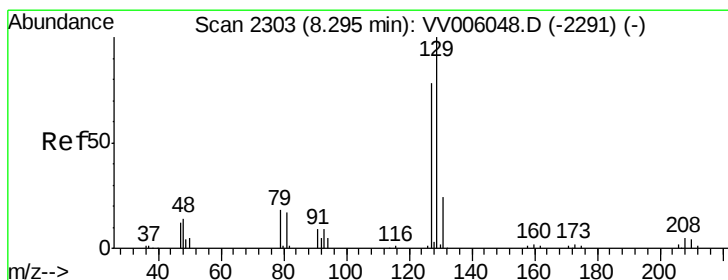
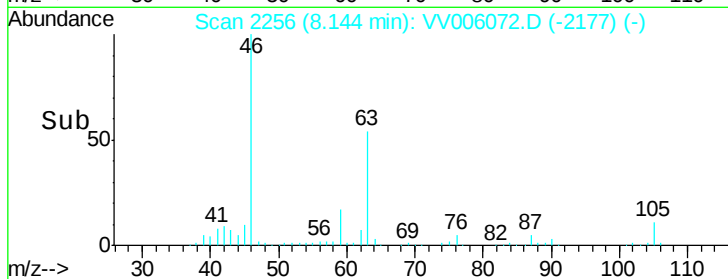
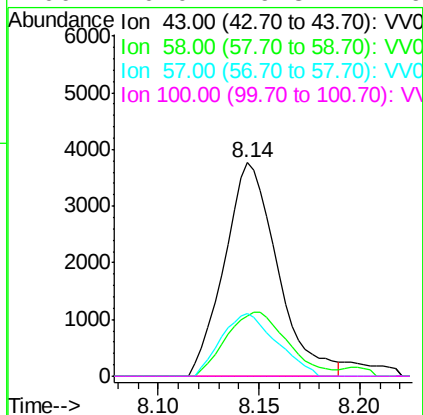
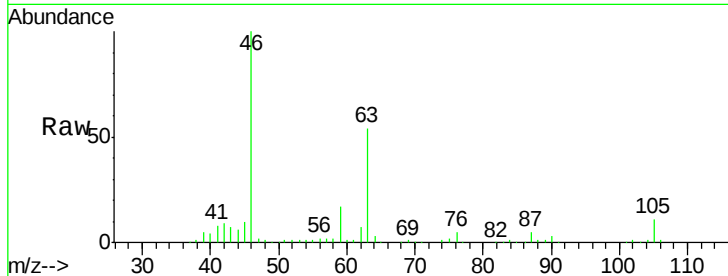
Ion 166.00 (165.70 to 166.70): VV006048.D (-2206) (-)





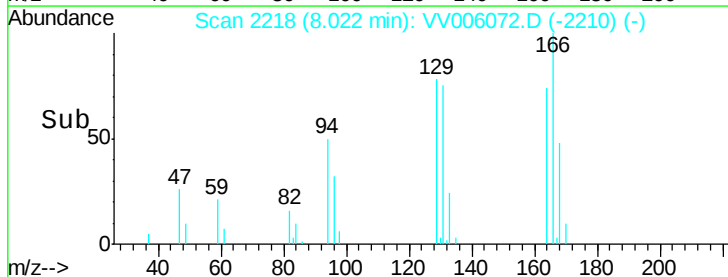
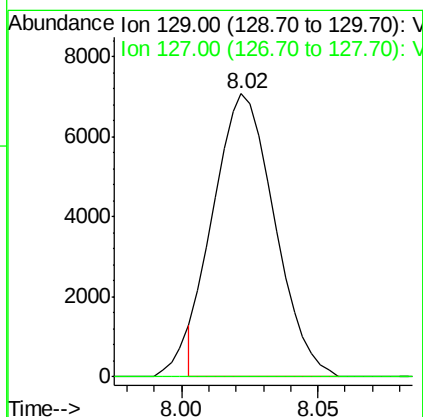
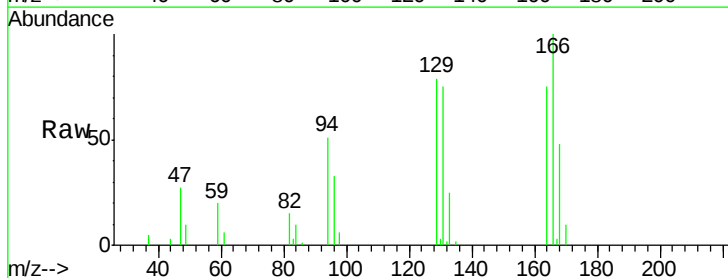
#48
2-Hexanone
Concen: 5.30 ug/L
RT: 8.14 min Scan# 2256
Delta R.T. -0.04 min
Lab File: VV006072.D
Acq: 26 May 2018 23:37

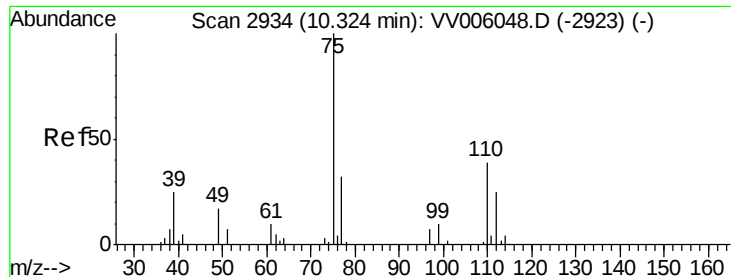
Tgt Ion:	43	Resp:	6915
Ion	Ratio	Lower	Upper
43	100		
58	35.0	45.4	68.2#
57	30.5	15.9	23.9#
100	0.0	9.8	14.6#



#49
Dibromochloromethane
Concen: 8.45 ug/L
RT: 8.02 min Scan# 2218
Delta R.T. -0.27 min
Lab File: VV006072.D
Acq: 26 May 2018 23:37

Tgt Ion:	129	Resp:	10975
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.8	101.8#





#59

1,2,3-Trichloropropane

Concen: 4.38 ug/L

RT: 11.30 min Scan# 3238

Delta R.T. 0.98 min

Lab File: VV006072.D

Acq: 26 May 2018 23:37

Tgt Ion: 75 Resp: 7196

Ion Ratio Lower Upper

75 100

77 41.0 25.8 38.6#

