

Data File : VV006073.D
Acq On : 27 May 2018 00:03
Operator : SY/MD
Sample : J3089-06 200X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 30 Sample Multiplier: 1

Quant Time: May 28 04:17:07 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	164696	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	152080	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58596	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	51451	44.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.46%
7) Chloroethane-d5	1.55	69	11842	14.56	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	29.12%#
11) 1,1-Dichloroethene-d2	2.12	63	73188	34.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.36%
21) 2-Butanone-d5	3.96	46	55010	83.50	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.50%
24) Chloroform-d	4.41	84	101143	46.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.30%
26) 1,2-Dichloroethane-d4	5.09	65	69990	49.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.90%
32) Benzene-d6	5.10	84	198428	49.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.16%
36) 1,2-Dichloropropane-d6	6.12	67	64914	50.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.12%
41) Toluene-d8	7.37	98	169470	45.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.62%
43) trans-1,3-Dichloropropene-	7.67	79	25773	43.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.18%
47) 2-Hexanone-d5	8.14	63	51798	102.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.65%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	90155	51.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.14%
64) 1,2-Dichlorobenzene-d4	11.68	152	62475	53.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.22%

Target Compounds

						Qvalue
9) Trichlorofluoromethane	1.74	101	3086	1.58	ug/L	99
34) Trichloroethene	5.96	95	152058	123.97	ug/L	98
37) 1,2-Dichloropropane	6.12	63	7330	5.74	ug/L #	87
46) Tetrachloroethene	8.02	164	2178	2.36	ug/L	99
48) 2-Hexanone	8.14	43	7413	5.73	ug/L #	71
49) Dibromochloromethane	8.02	129	2158	1.67	ug/L #	10
59) 1,2,3-Trichloropropane	11.30	75	7276	4.47	ug/L #	86

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

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ALS Vial : 30 Sample Multiplier: 1

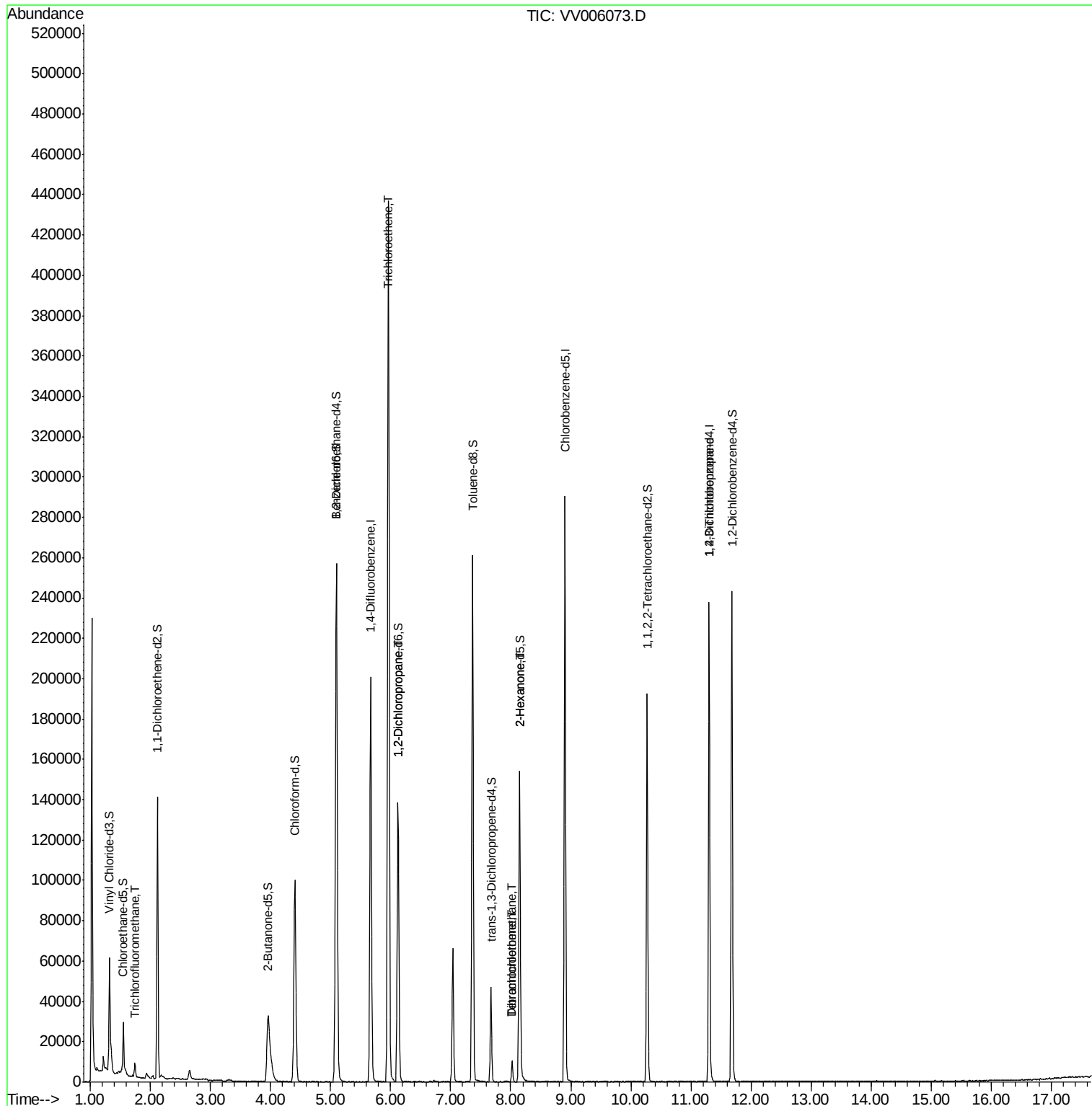
Quant Time: May 28 04:17:07 2018

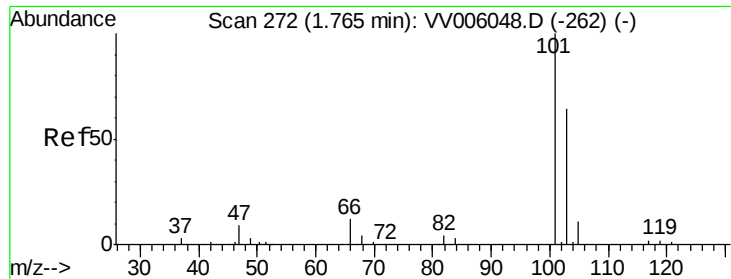
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052518WMA.M

Quant Title : VOC Analysis

QLast Update : Mon May 28 02:03:29 2018

Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 1.58 ug/L

RT: 1.74 min Scan# 265

Delta R.T. -0.02 min

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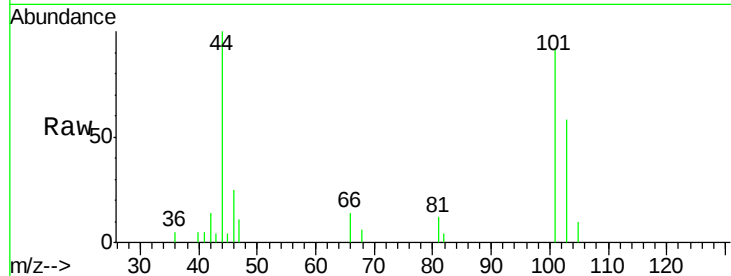
Acq: 27 May 2018 00:03

Tgt Ion: 101 Resp: 3086

Ion Ratio Lower Upper

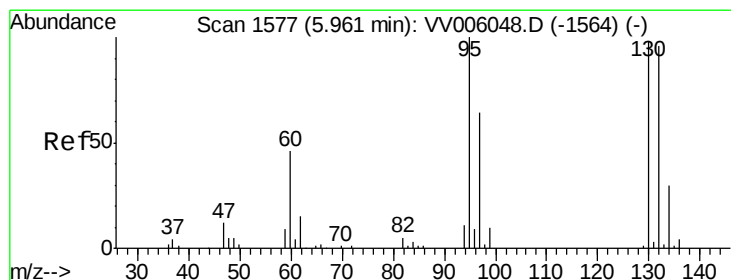
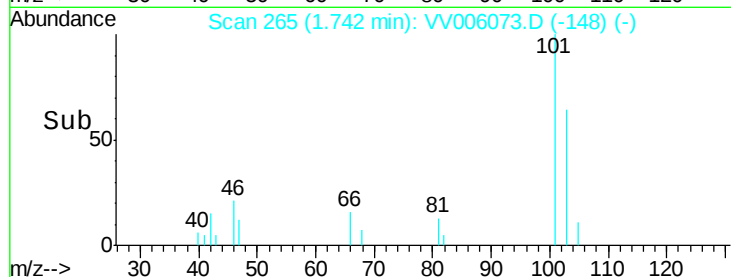
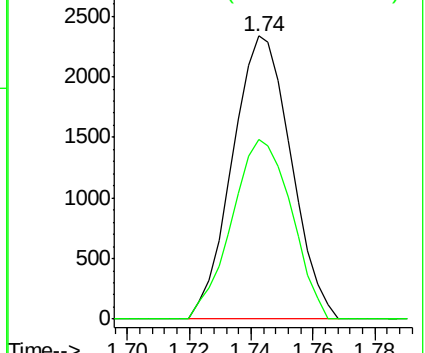
101 100

103 64.6 52.6 78.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#34

Trichloroethene

Concen: 123.97 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006073.D

Acq: 27 May 2018 00:03

Tgt Ion: 95 Resp: 152058

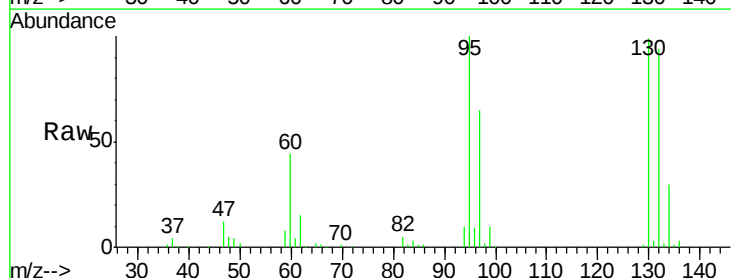
Ion Ratio Lower Upper

95 100

97 65.3 44.0 81.6

132 93.6 65.0 120.6

130 98.6 66.6 123.8

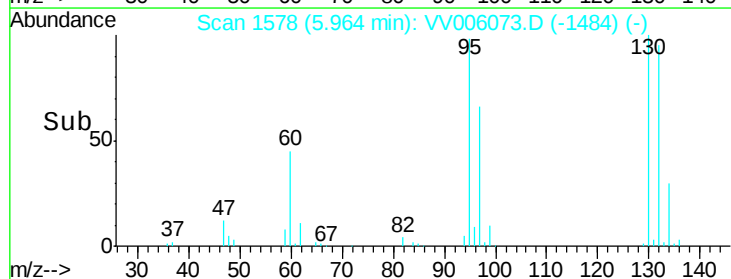
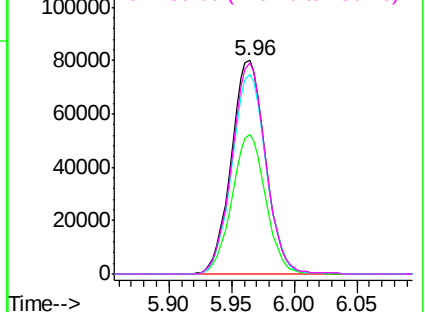


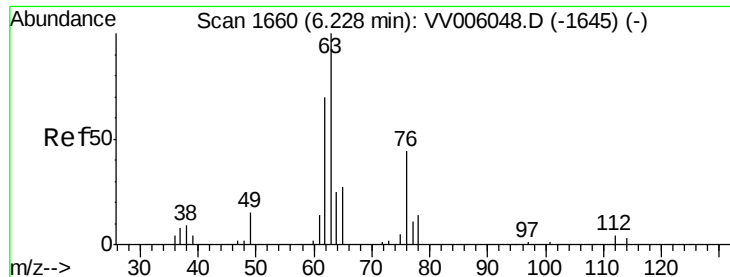
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#37

1,2-Dichloropropane

Concen: 5.74 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VV006073.D

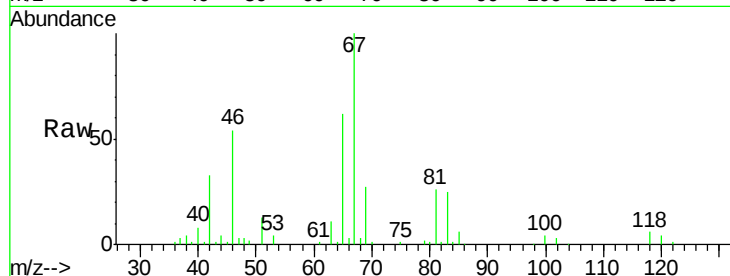
Acq: 27 May 2018 00:03

Tgt Ion: 63 Resp: 7330

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) (-)

6.12

4000

3000

2000

1000

0

Time-->

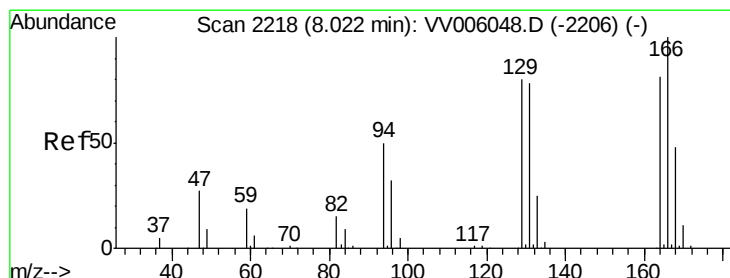
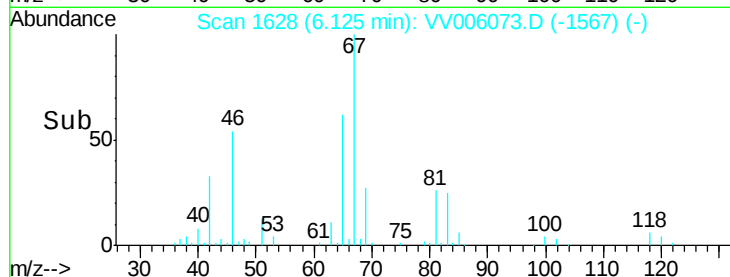
6.05

6.10

6.15

6.20

6.25



#46

Tetrachloroethene

Concen: 2.36 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VV006073.D

Acq: 27 May 2018 00:03

Tgt Ion: 164 Resp: 2178

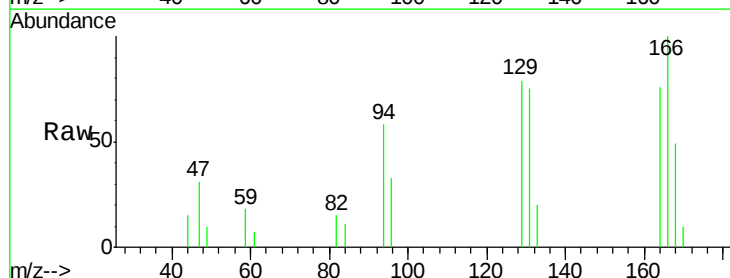
Ion Ratio Lower Upper

164 100

129 103.2 72.2 134.2

131 99.2 70.0 130.0

166 131.4 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) (-)

2500

2000

1500

1000

500

0

Time-->

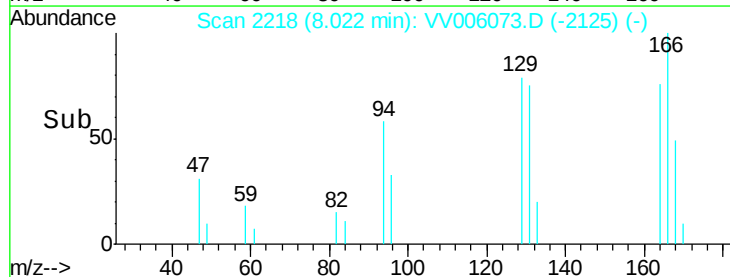
7.98

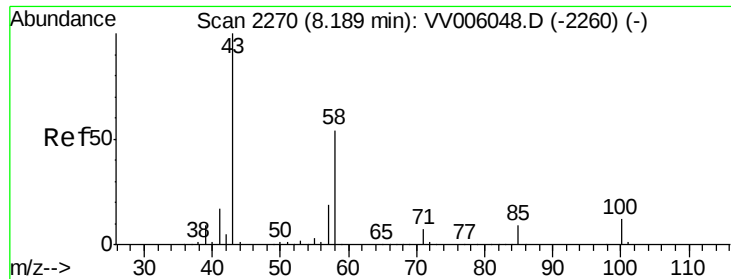
8.00

8.02

8.04

8.06





#48

2-Hexanone

Concen: 5.73 ug/L

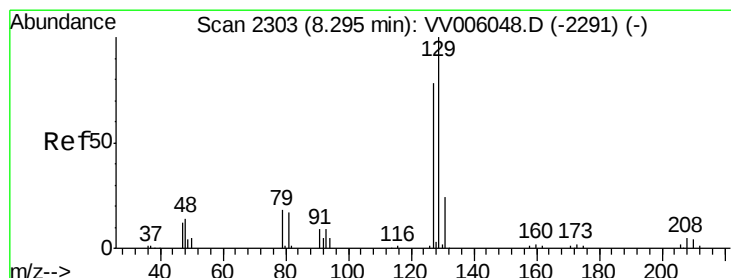
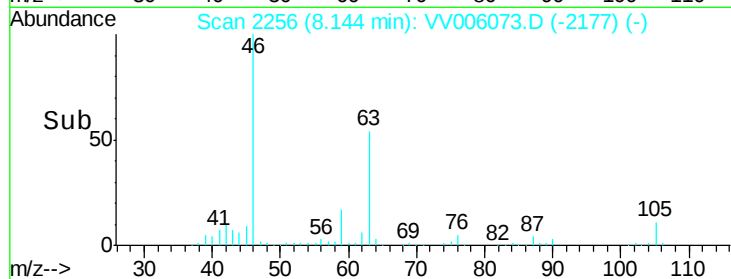
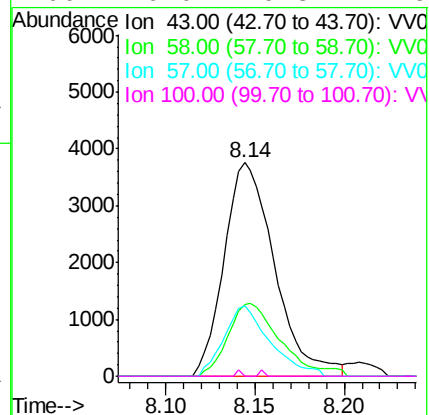
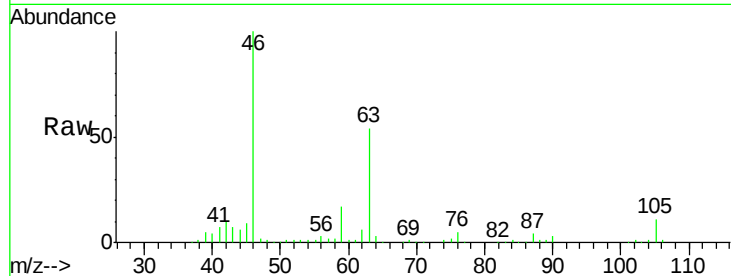
RT: 8.14 min Scan# 2256

Delta R.T. -0.04 min

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Acq: 27 May 2018 00:03

Tgt Ion:	43	Resp:	7413
Ion	Ratio	Lower	Upper
43	100		
58	34.1	45.4	68.2#
57	30.1	15.9	23.9#
100	0.0	9.8	14.6#



#49

Dibromochloromethane

Concen: 1.67 ug/L

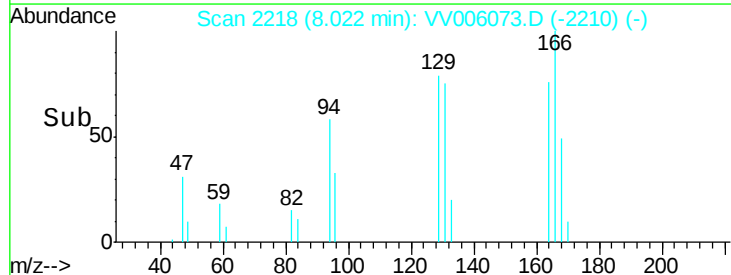
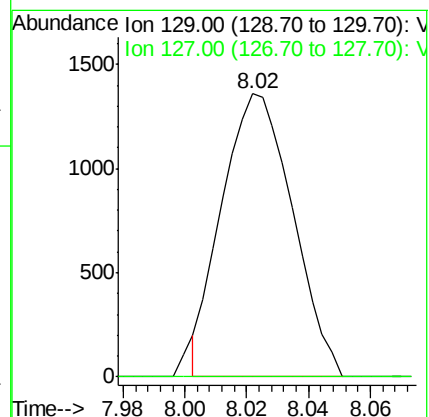
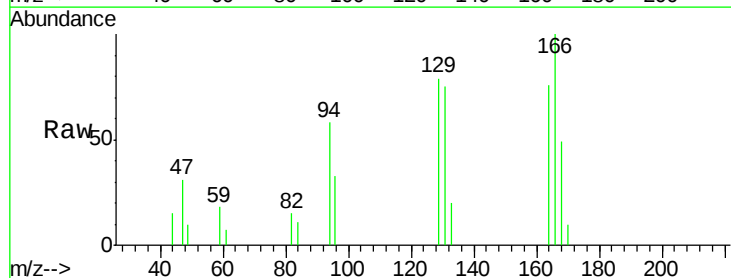
RT: 8.02 min Scan# 2218

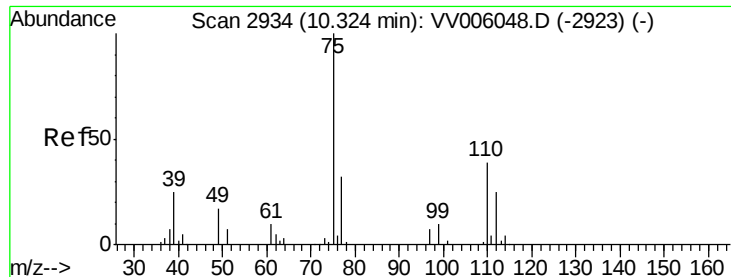
Delta R.T. -0.27 min

Lab File: VV006073.D

Acq: 27 May 2018 00:03

Tgt Ion:	129	Resp:	2158
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.8	101.8#





#59

1,2,3-Trichloropropane

Concen: 4.47 ug/L

RT: 11.30 min Scan# 3238

Delta R.T. 0.98 min

Lab File: VV006073.D

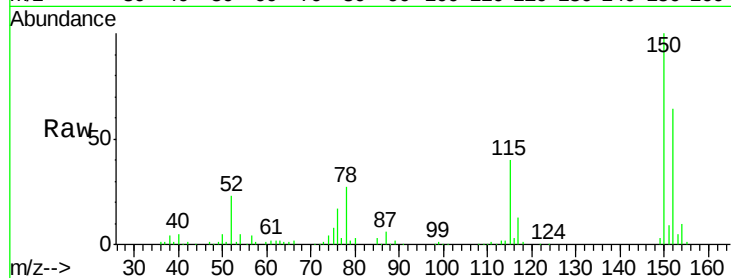
Acq: 27 May 2018 00:03

Tgt Ion: 75 Resp: 7276

Ion Ratio Lower Upper

75 100

77 40.2 25.8 38.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

