

Data File : VV006063.D
Acq On : 26 May 2018 18:28
Operator : SY/MD
Sample : J3090-14 100X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 28 02:07:34 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	166658	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	155936	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62798	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54362	46.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.42%
7) Chloroethane-d5	1.55	69	13740	16.69	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	33.38%#
11) 1,1-Dichloroethene-d2	2.12	63	76637	35.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.74%
21) 2-Butanone-d5	3.95	46	54233	81.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.35%
24) Chloroform-d	4.40	84	102948	46.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.84%
26) 1,2-Dichloroethane-d4	5.09	65	70139	48.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.94%
32) Benzene-d6	5.10	84	201988	48.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.44%
36) 1,2-Dichloropropane-d6	6.12	67	64810	49.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.46%
41) Toluene-d8	7.36	98	179237	46.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.48%
43) trans-1,3-Dichloropropene-	7.67	79	27075	44.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.32%
47) 2-Hexanone-d5	8.14	63	53923	104.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.21%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	91150	50.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.70%
64) 1,2-Dichlorobenzene-d4	11.68	152	66287	53.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.14%

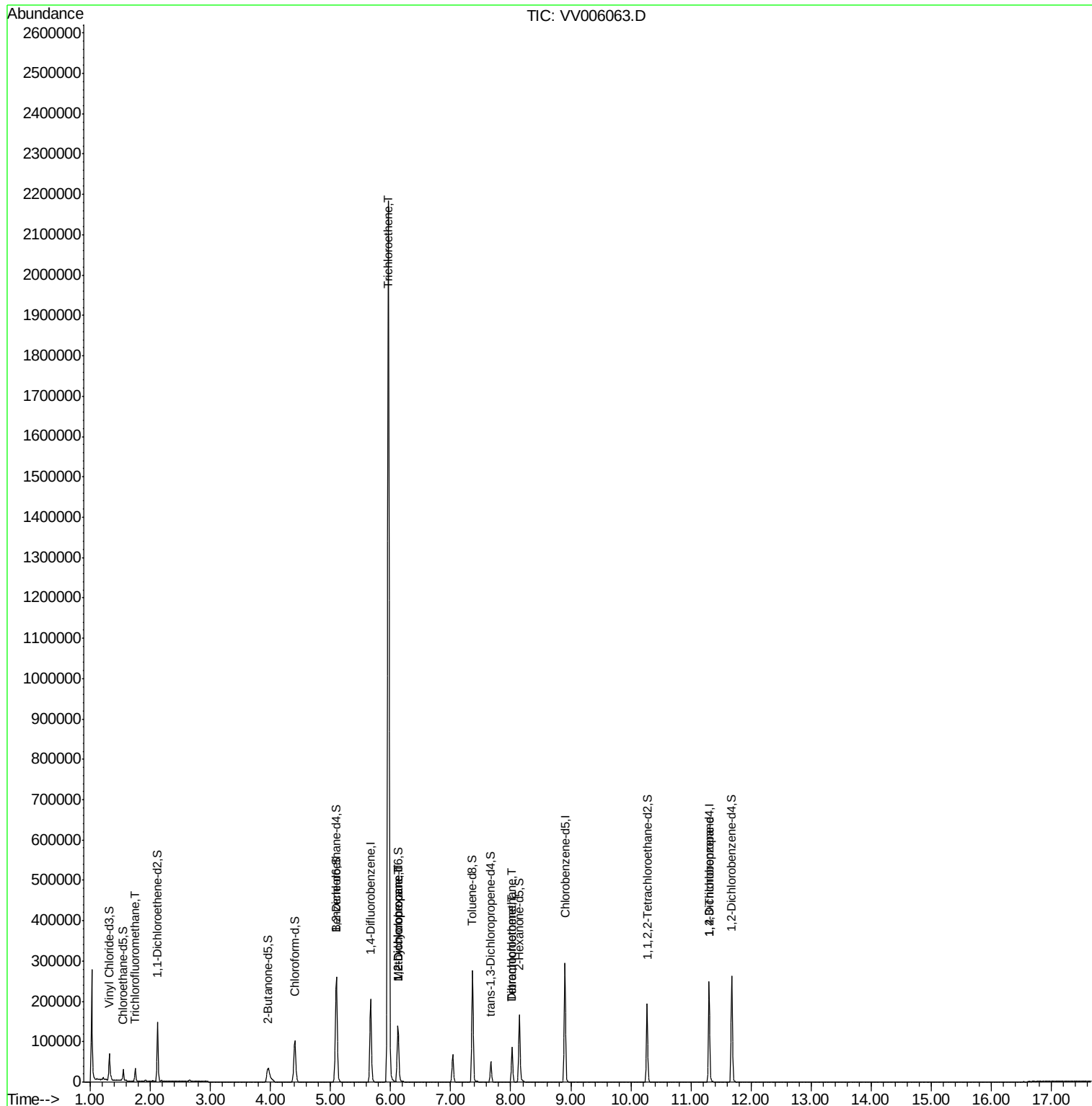
Target Compounds

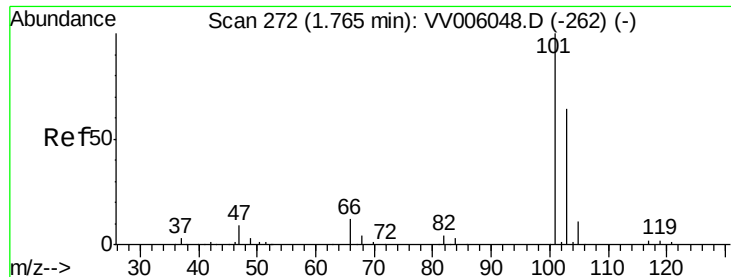
						Qvalue
9) Trichlorofluoromethane	1.75	101	17333	8.78	ug/L	99
34) Trichloroethene	5.96	95	752517	598.33	ug/L	98
35) Methylcyclohexane	6.12	83	15386	7.86	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	7461	5.69	ug/L #	87
46) Tetrachloroethene	8.02	164	18125	19.17	ug/L	98
49) Dibromochloromethane	8.02	129	17778	13.45	ug/L #	10
59) 1,2,3-Trichloropropane	11.30	75	7837	4.69	ug/L #	82

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

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#9

Trichlorofluoromethane

Concen: 8.78 ug/L

RT: 1.75 min Scan# 267

Delta R.T. -0.02 min

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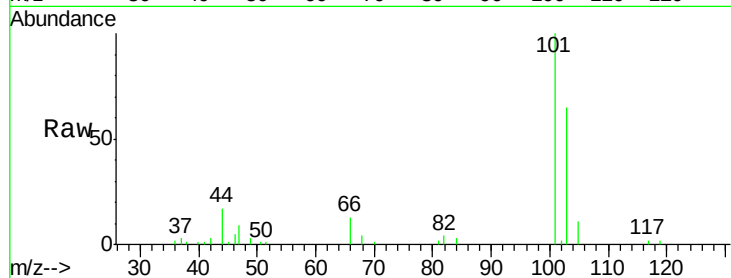
Acq: 26 May 2018 18:28

Tgt Ion: 101 Resp: 17333

Ion Ratio Lower Upper

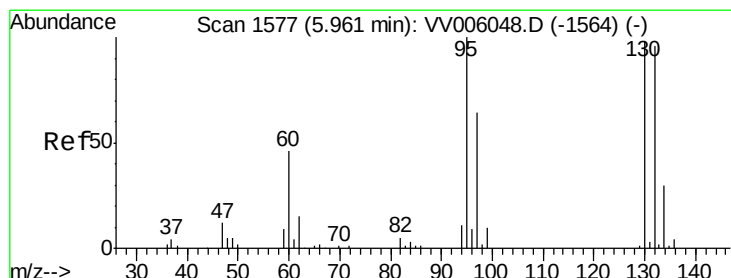
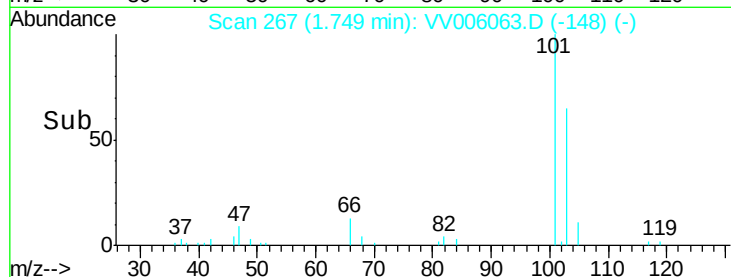
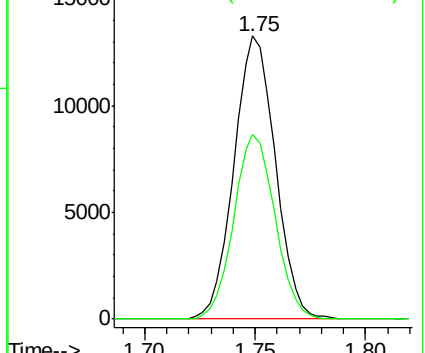
101 100

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: 598.33 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006063.D

Acq: 26 May 2018 18:28

Tgt Ion: 95 Resp: 752517

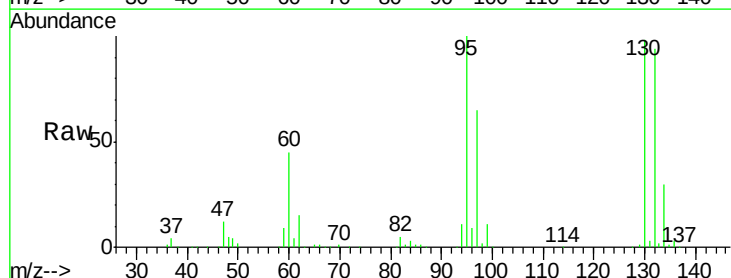
Ion Ratio Lower Upper

95 100

97 64.7 44.0 81.6

132 94.0 65.0 120.6

130 98.3 66.6 123.8

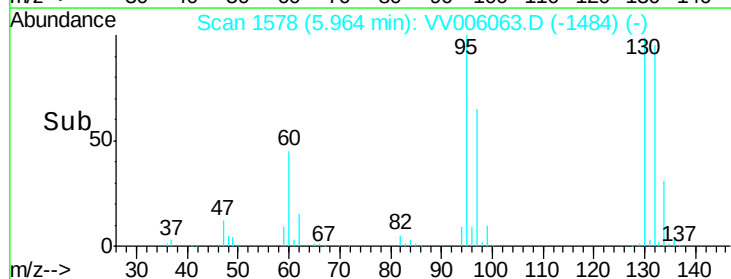
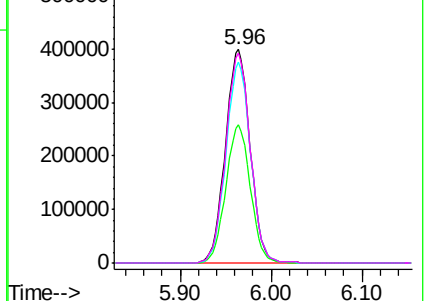


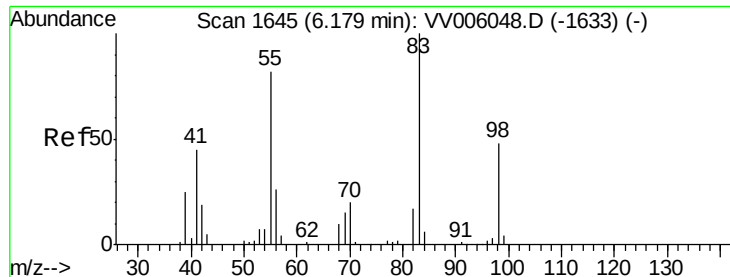
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

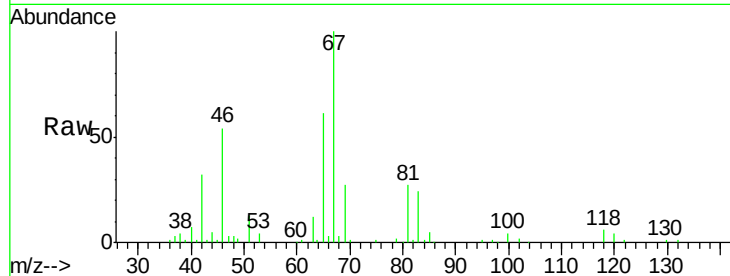
Ion 130.00 (129.70 to 130.70): V



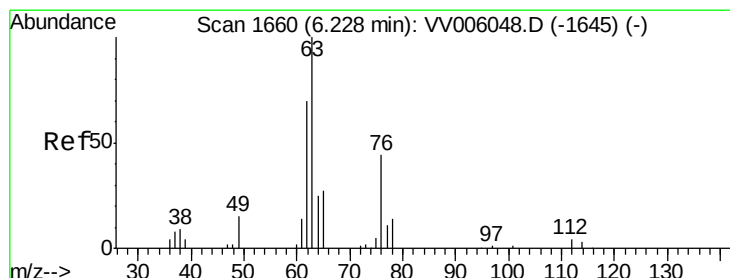
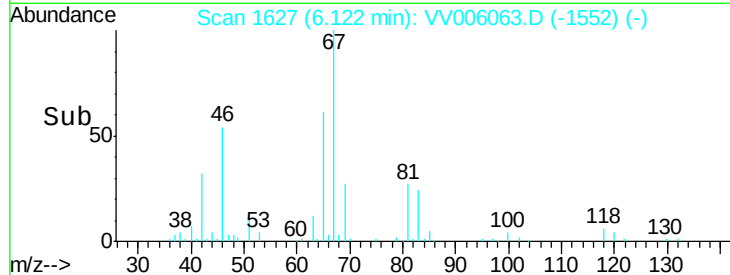
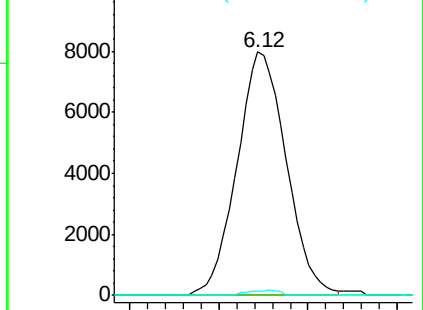


#35
Methylcyclohexane
Concen: 7.86 ug/L
RT: 6.12 min Scan# 1627
Delta R.T. -0.06 min
Lab File: VV006063.D
Acq: 26 May 2018 18:28

Tgt Ion: 83 Resp: 15386
Ion Ratio Lower Upper
83 100
55 0.0 63.1 94.7#
98 0.9 37.8 56.8#

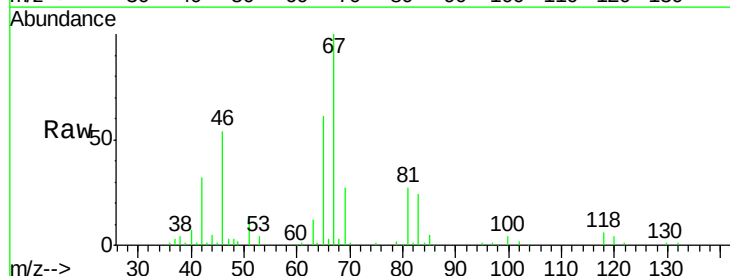


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

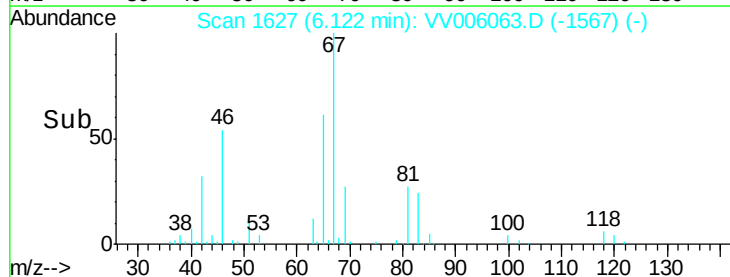
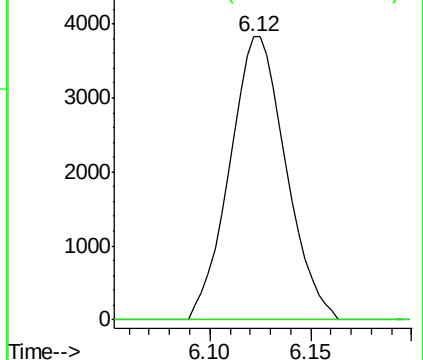


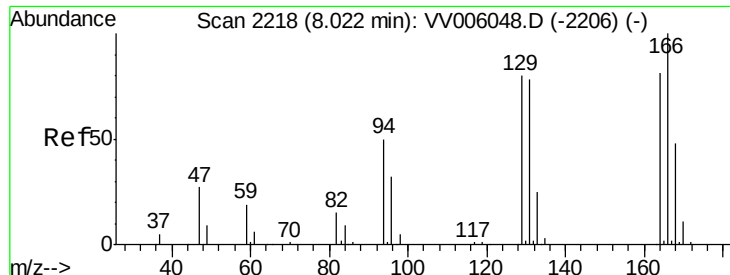
#37
1,2-Dichloropropane
Concen: 5.69 ug/L
RT: 6.12 min Scan# 1627
Delta R.T. -0.11 min
Lab File: VV006063.D
Acq: 26 May 2018 18:28

Tgt Ion: 63 Resp: 7461
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V





#46

Tetrachloroethene

Concen: 19.17 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VV006063.D

Acq: 26 May 2018 18:28

Tgt Ion:164 Resp: 18125

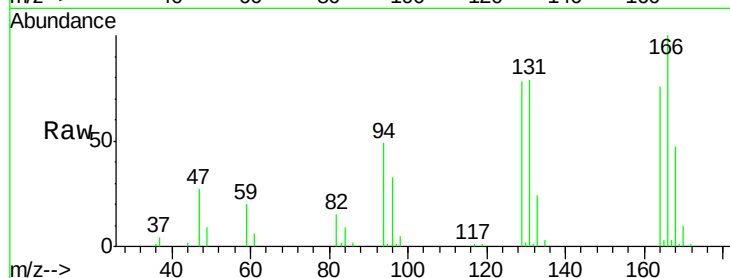
Ion Ratio Lower Upper

164 100

129 102.6 72.2 134.2

131 103.4 70.0 130.0

166 131.6 90.4 167.8

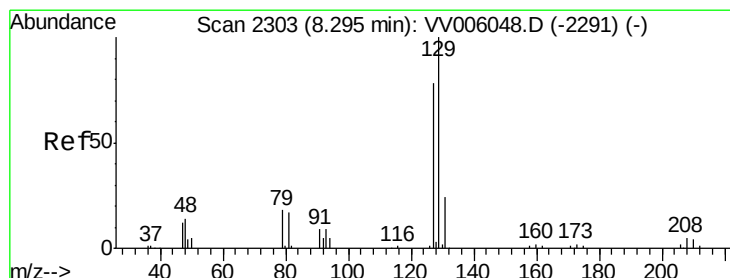
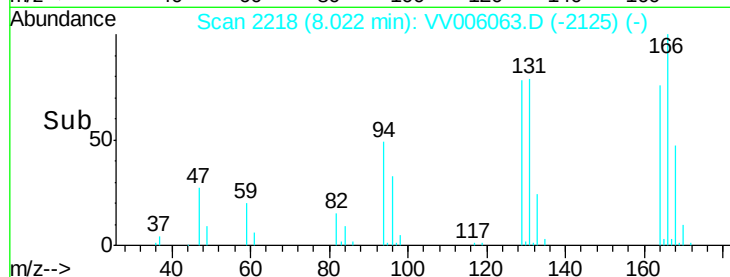
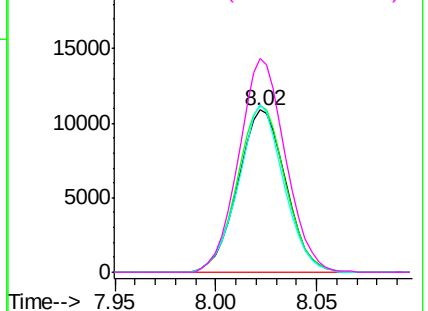


Abundance Ion 164.00 (163.70 to 164.70): V

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



#49

Dibromochloromethane

Concen: 13.45 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.27 min

Lab File: VV006063.D

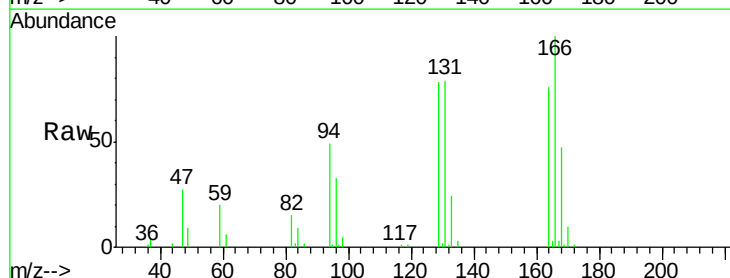
Acq: 26 May 2018 18:28

Tgt Ion:129 Resp: 17778

Ion Ratio Lower Upper

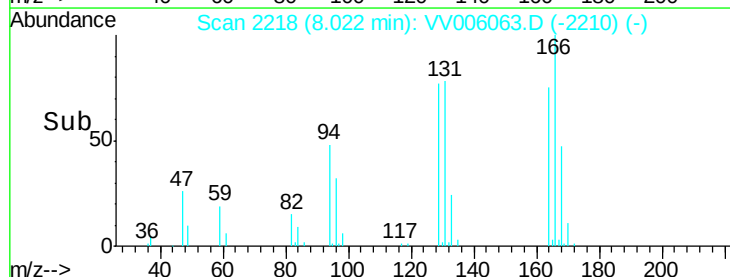
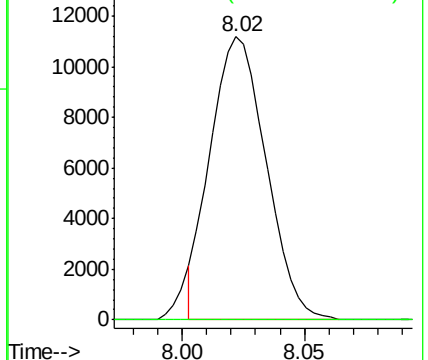
129 100

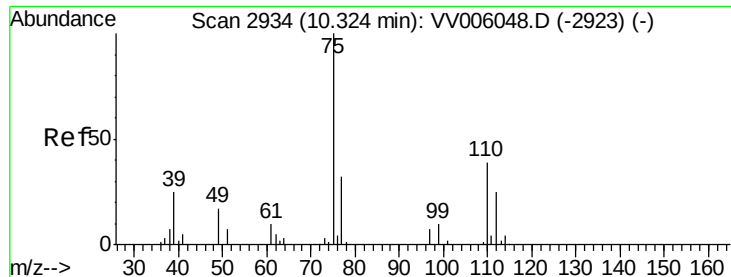
127 0.0 54.8 101.8#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#59

1,2,3-Trichloropropane

Concen: 4.69 ug/L

RT: 11.30 min Scan# 3238

Delta R.T. 0.98 min

Lab File: VV006063.D

Acq: 26 May 2018 18:28

Tgt Ion: 75 Resp: 7837

Ion Ratio Lower Upper

75 100

77 42.3 25.8 38.6#

