

Data File : VV006093.D
Acq On : 27 May 2018 18:43
Operator : SY/MD
Sample : J3090-17 40X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 28 00:48:48 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052718WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 28 00:47:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	253144	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	229614	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	97176	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	101297	47.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.72%
7) Chloroethane-d5	1.55	69	37825	49.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.26%
11) 1,1-Dichloroethene-d2	2.12	63	146550	38.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.30%
21) 2-Butanone-d5	3.95	46	116342	108.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.82%
24) Chloroform-d	4.41	84	178457	48.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.12%
26) 1,2-Dichloroethane-d4	5.09	65	121110	50.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.54%
32) Benzene-d6	5.10	84	377826	50.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.86%
36) 1,2-Dichloropropane-d6	6.13	67	124629	50.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.86%
41) Toluene-d8	7.37	98	334494	48.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.12%
43) trans-1,3-Dichloropropene-	7.67	79	50178	47.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.28%
47) 2-Hexanone-d5	8.14	63	96808	101.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.19%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	165711	47.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.30%
64) 1,2-Dichlorobenzene-d4	11.68	152	130027	53.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.84%

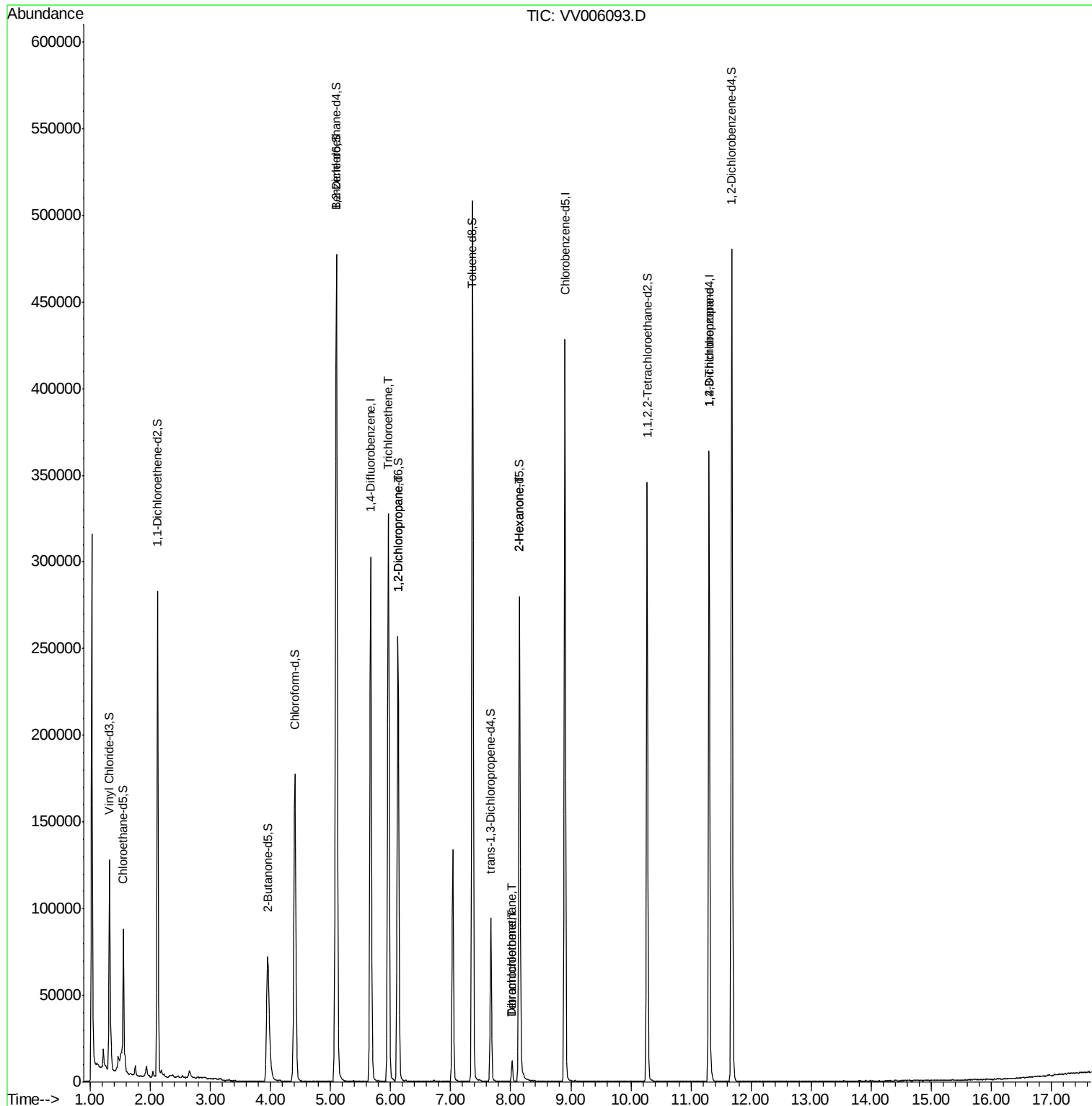
Target Compounds

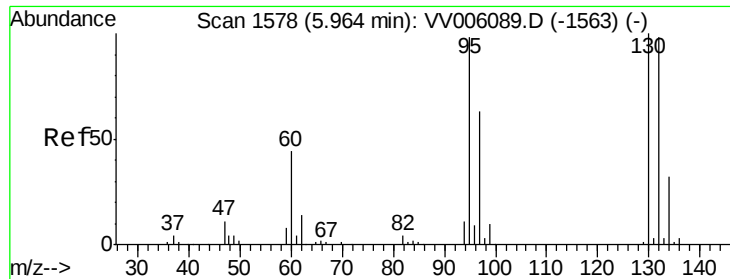
						Qvalue
34) Trichloroethene	5.96	95	113877	62.83	ug/L	99
37) 1,2-Dichloropropane	6.13	63	12980	6.59	ug/L #	88
46) Tetrachloroethene	8.02	164	2636	1.74	ug/L	95
48) 2-Hexanone	8.14	43	12762	5.98	ug/L #	71
49) Dibromochloromethane	8.02	129	2333	1.24	ug/L #	11
59) 1,2,3-Trichloropropane	11.30	75	11056	4.51	ug/L	93

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

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#34

Trichloroethene

Concen: 62.83 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

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Acq: 27 May 2018 18:43

Tgt Ion: 95 Resp: 113877

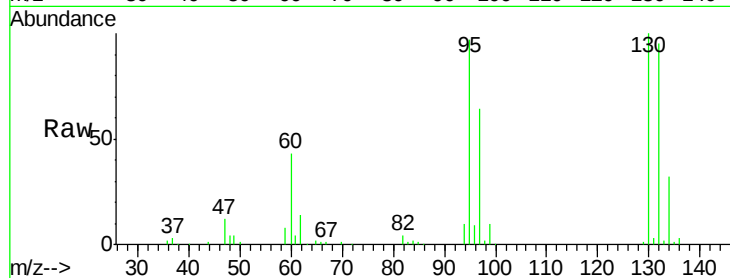
Ion Ratio Lower Upper

95 100

97 65.4 45.4 84.4

132 98.2 69.0 128.2

130 102.9 71.2 132.2

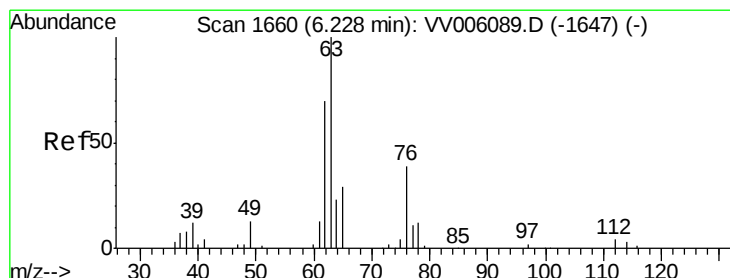
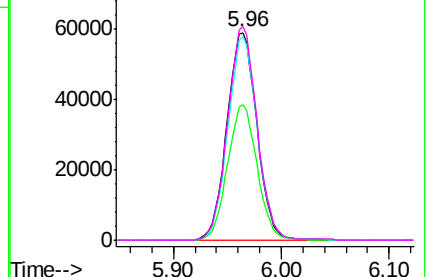
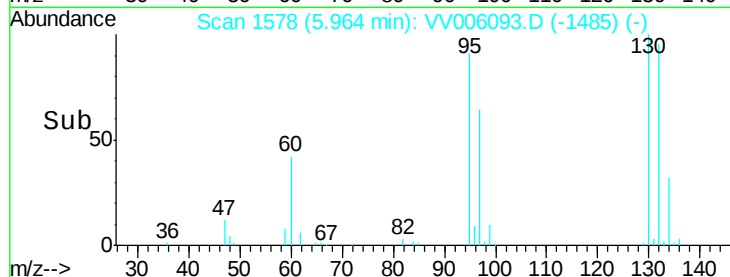


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 6.59 ug/L

RT: 6.13 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VV006093.D

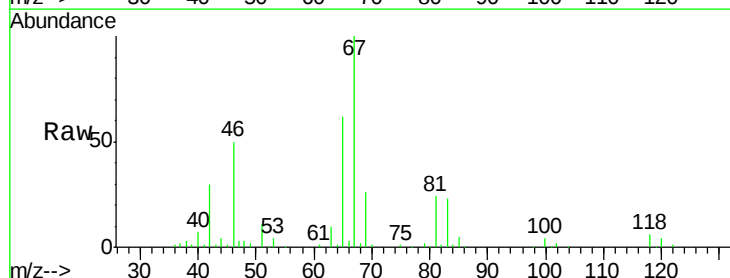
Acq: 27 May 2018 18:43

Tgt Ion: 63 Resp: 12980

Ion Ratio Lower Upper

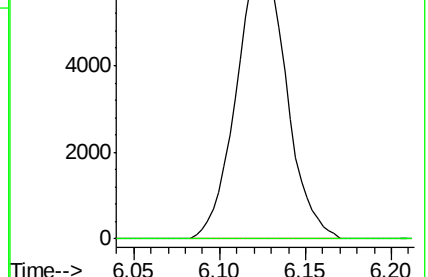
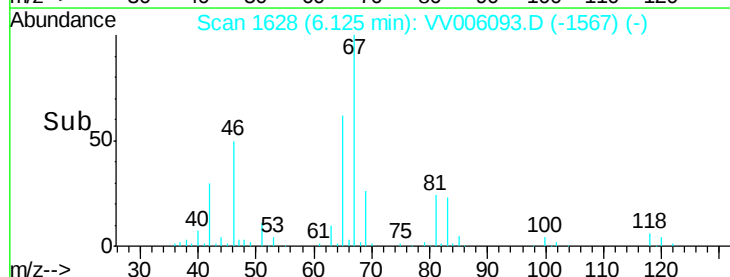
63 100

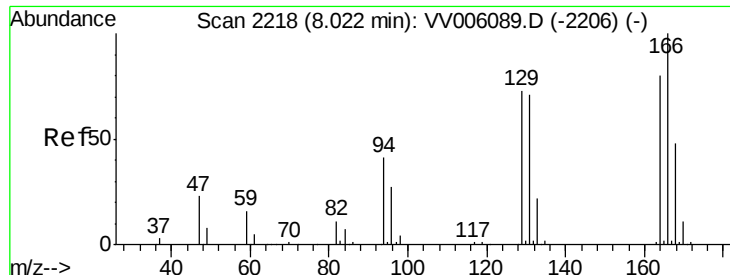
112 0.0 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V





#46

Tetrachloroethene

Concen: 1.74 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VV006093.D

Acq: 27 May 2018 18:43

Tgt Ion: 164 Resp: 2636

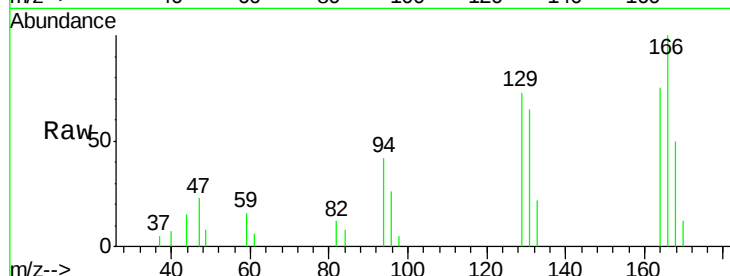
Ion Ratio Lower Upper

164 100

129 97.4 63.9 118.7

131 86.3 61.6 114.4

166 132.6 88.3 164.1

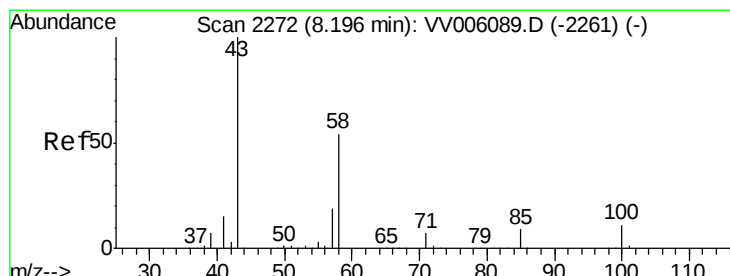
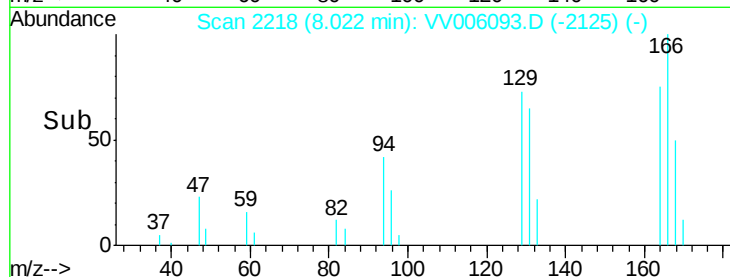
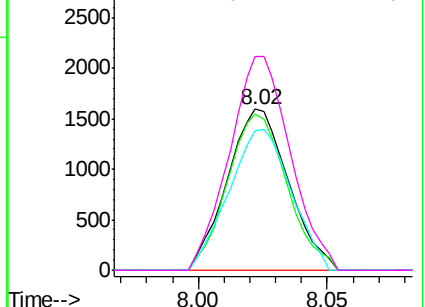


Abundance Ion 164.00 (163.70 to 164.70): V

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: 5.98 ug/L

RT: 8.14 min Scan# 2256

Delta R.T. -0.05 min

Lab File: VV006093.D

Acq: 27 May 2018 18:43

Tgt Ion: 43 Resp: 12762

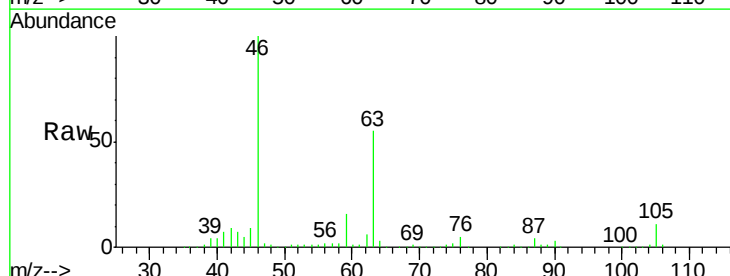
Ion Ratio Lower Upper

43 100

58 31.3 42.2 63.4#

57 30.0 14.5 21.7#

100 0.0 8.7 13.1#

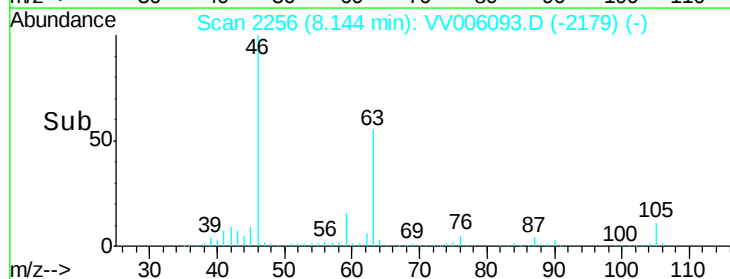
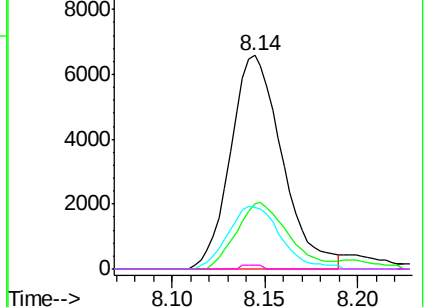


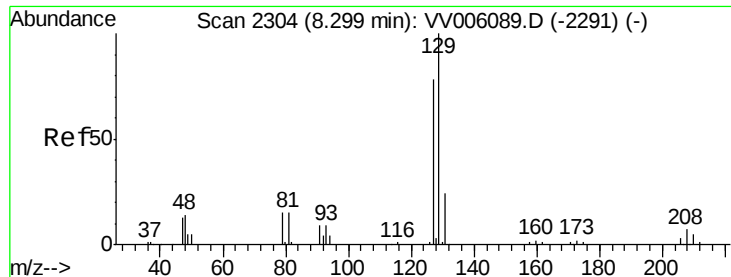
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 1.24 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.28 min

Lab File: VV006093.D

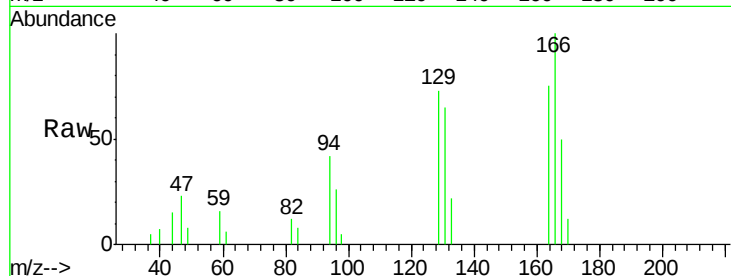
Acq: 27 May 2018 18:43

Tgt Ion: 129 Resp: 2333

Ion Ratio Lower Upper

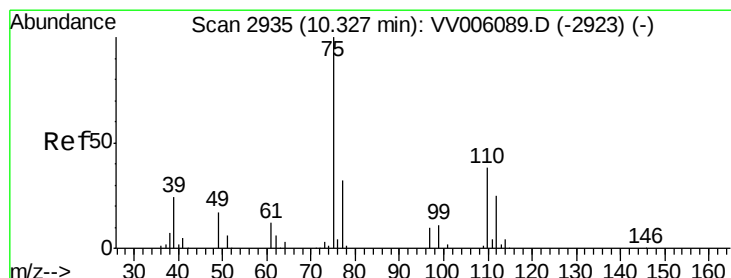
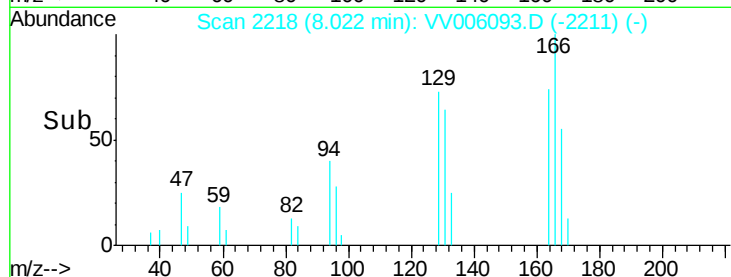
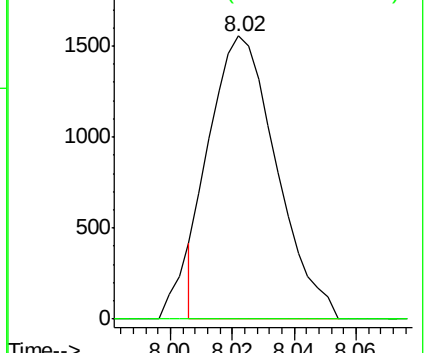
129 100

127 0.0 54.1 100.5#



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: 4.51 ug/L

RT: 11.30 min Scan# 3238

Delta R.T. 0.97 min

Lab File: VV006093.D

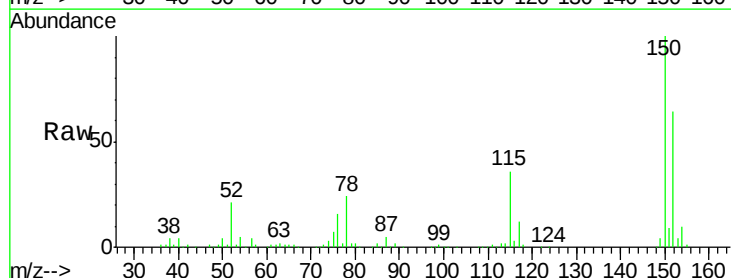
Acq: 27 May 2018 18:43

Tgt Ion: 75 Resp: 11056

Ion Ratio Lower Upper

75 100

77 36.0 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

