

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090518\
 Data File : VV007400.D
 Acq On : 05 Sep 2018 22:28
 Operator : SY/MD
 Sample : J4719-13 50X
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEGE9

Quant Time: Sep 06 01:46:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 06 01:44:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	461926	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	459645	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	174806	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	142875	43.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.60%
7) Chloroethane-d5	1.56	69	116414	53.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.72%
11) 1,1-Dichloroethene-d2	2.13	63	190914	32.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.70%
21) 2-Butanone-d5	3.96	46	215532	80.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.31%
24) Chloroform-d	4.40	84	323963	47.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.94%
26) 1,2-Dichloroethane-d4	5.09	65	204294	49.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.24%
32) Benzene-d6	5.10	84	621569	44.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.74%
36) 1,2-Dichloropropane-d6	6.12	67	217003	46.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.48%
41) Toluene-d8	7.36	98	479872	40.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.48%
43) trans-1,3-Dichloropropene-	7.67	79	84173	42.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.14%
47) 2-Hexanone-d5	8.14	63	162645	89.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.37%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	312139	49.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.44%
64) 1,2-Dichlorobenzene-d4	11.68	152	197019	52.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.88%

Target Compounds

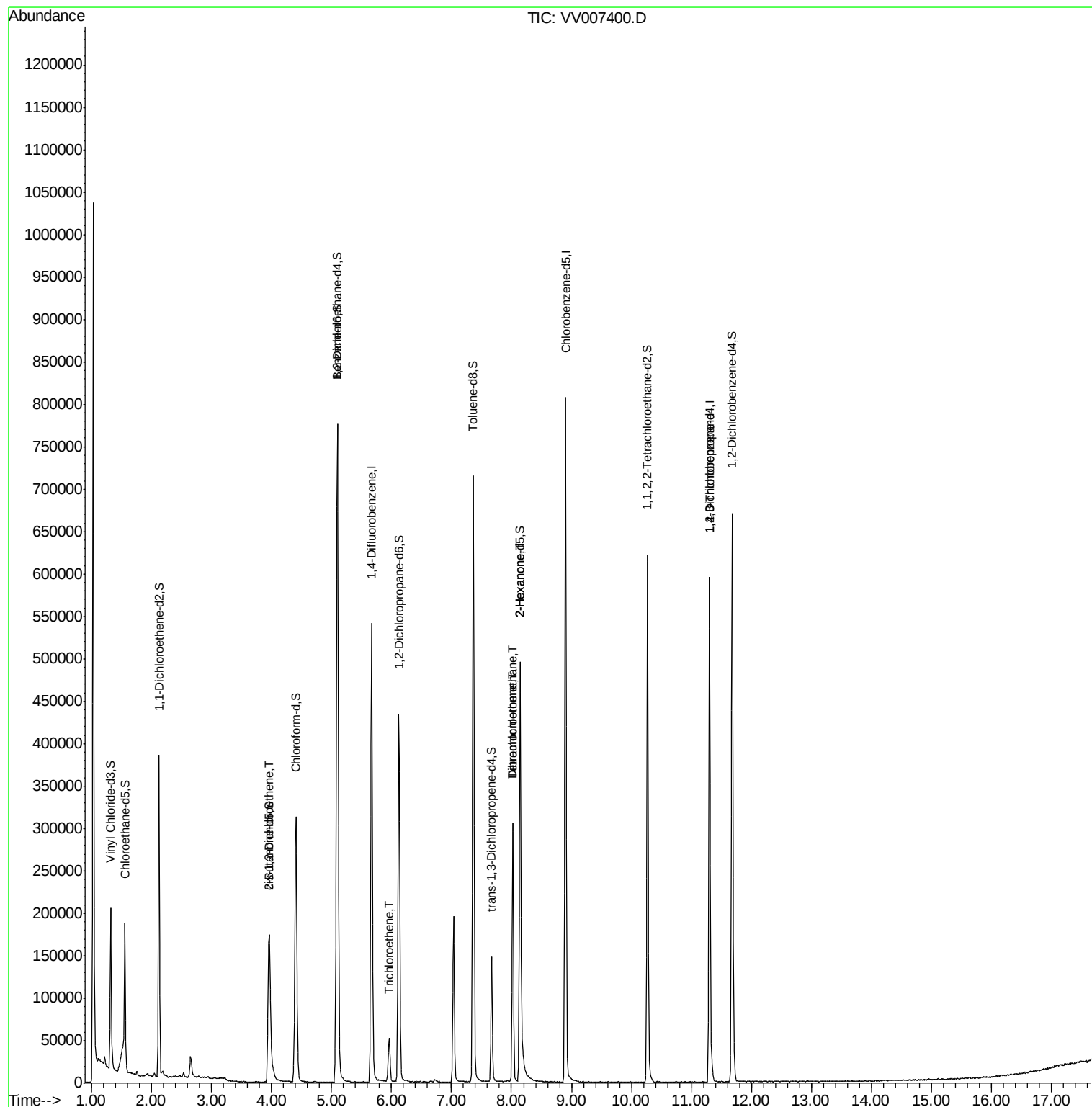
					Qvalue
20) cis-1,2-Dichloroethene	3.96	96	15746	4.294 ug/L	91
34) Trichloroethene	5.96	95	15259	4.251 ug/L	94
46) Tetrachloroethene	8.02	164	71985	24.942 ug/L	99
48) 2-Hexanone	8.14	43	20373	5.597 ug/L #	75
49) Dibromochloromethane	8.02	129	62026	15.857 ug/L #	11
59) 1,2,3-Trichloropropane	11.30	75	19980	4.158 ug/L	93

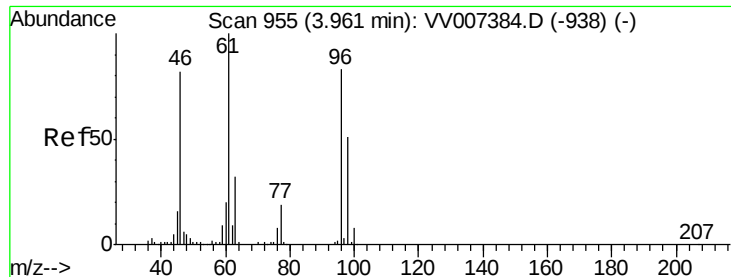
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 06 01:44:11 2018
Response via : Initial Calibration



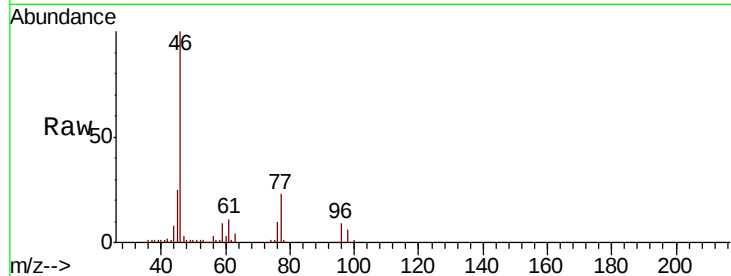


#20

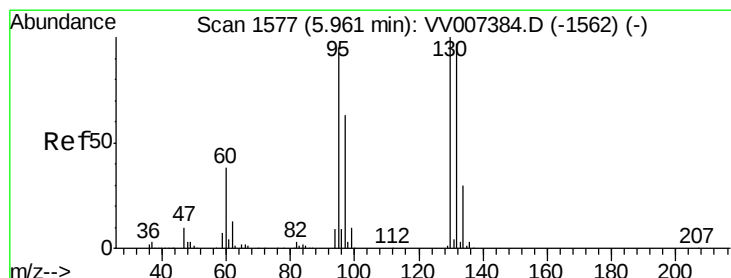
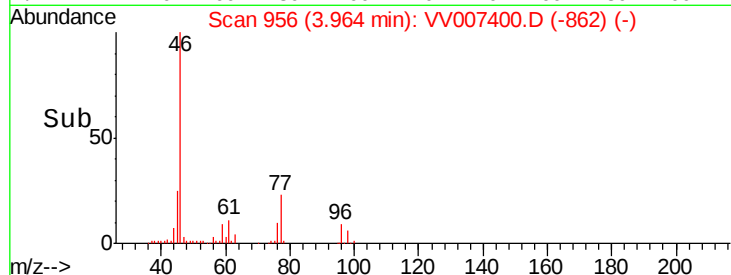
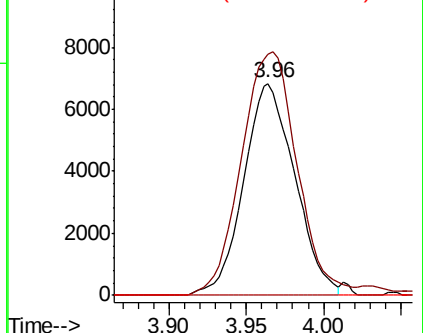
cis-1,2-Dichloroethene
Concen: 4.294 ug/L
RT: 3.96 min Scan# 956
Delta R.T. 0.00 min
Lab File: VV007400.D
Acq: 05 Sep 2018 22:28

Instrument :
MSVOA_V
ClientSampleId :
BEGE9

Tgt Ion: 96 Resp: 15746
Ion Ratio Lower Upper
96 100
61 113.9 86.8 161.2
68 0.0 0.0 0.0



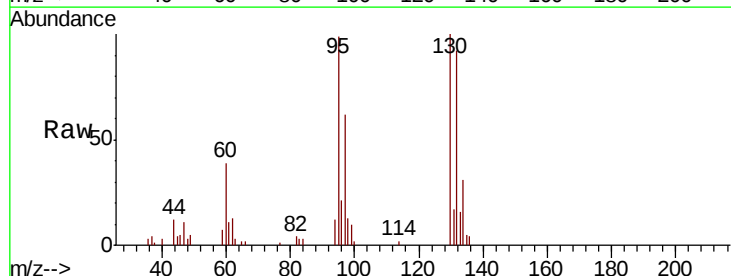
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 68.00 (67.70 to 68.70): VV0



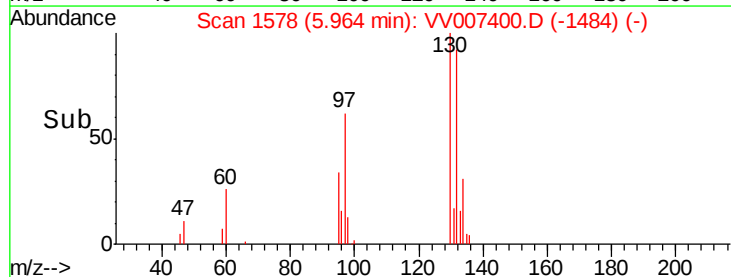
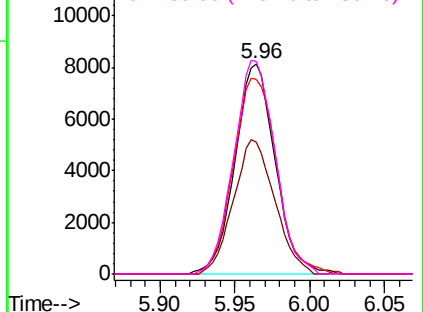
#34

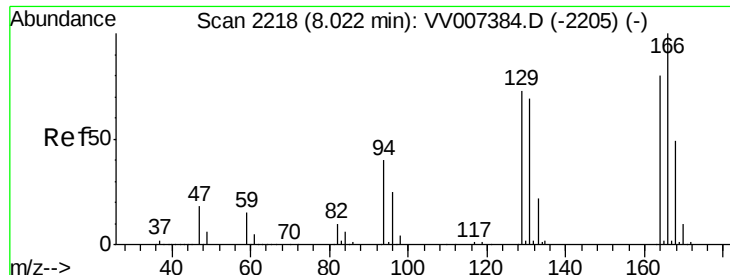
Trichloroethene
Concen: 4.251 ug/L
RT: 5.96 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VV007400.D
Acq: 05 Sep 2018 22:28

Tgt Ion: 95 Resp: 15259
Ion Ratio Lower Upper
95 100
97 62.5 46.1 85.7
132 92.5 70.8 131.6
130 100.9 73.9 137.3



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





#46

Tetrachloroethene

Concen: 24.942 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VV007400.D

Acq: 05 Sep 2018 22:28

Instrument :

MSVOA_V

ClientSampleId :

BE9E9

Tgt Ion:164 Resp: 71985

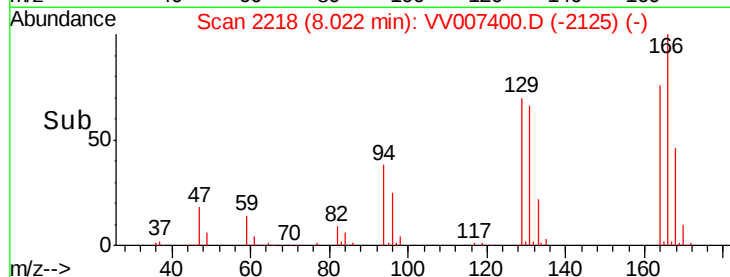
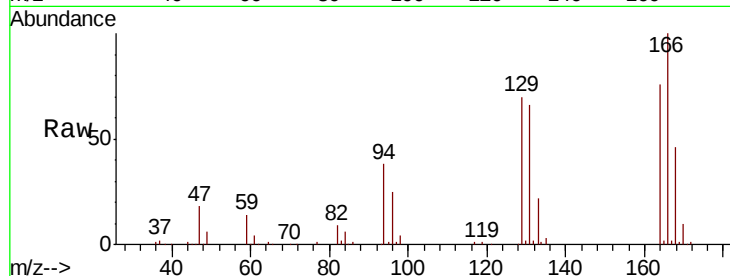
Ion Ratio Lower Upper

164 100

129 91.4 63.9 118.7

131 87.2 62.6 116.2

166 131.2 91.6 170.2



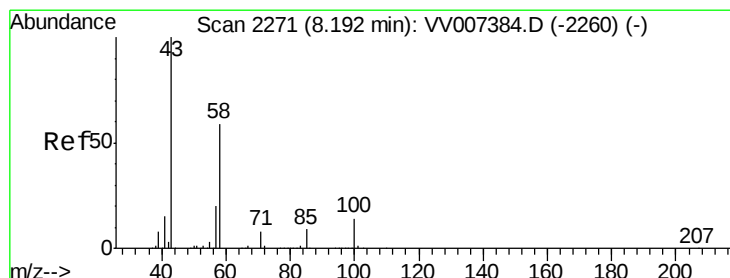
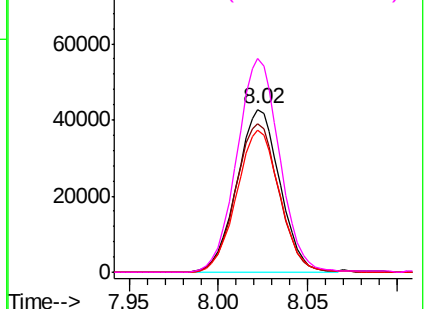
Abundance

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: 5.597 ug/L

RT: 8.14 min Scan# 2255

Delta R.T. -0.05 min

Lab File: VV007400.D

Acq: 05 Sep 2018 22:28

Tgt Ion: 43 Resp: 20373

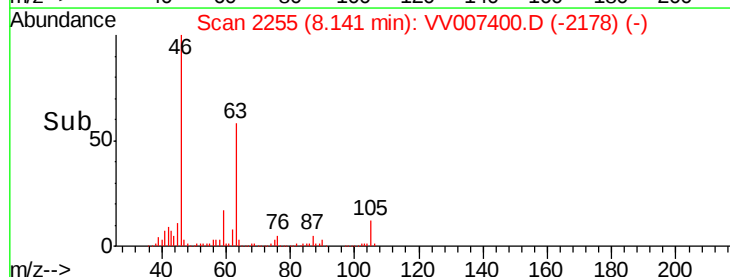
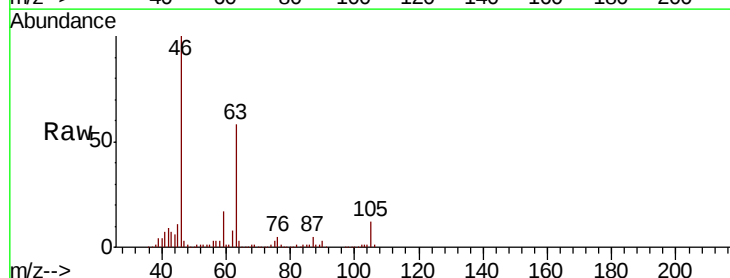
Ion Ratio Lower Upper

43 100

58 47.4 48.6 72.8#

57 43.8 16.2 24.2#

100 6.0 11.1 16.7#



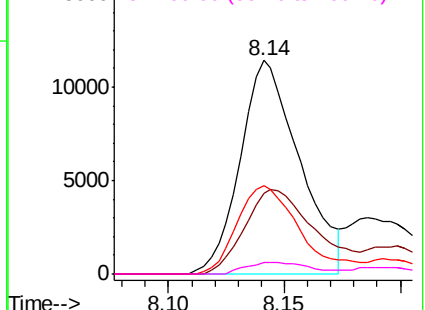
Abundance

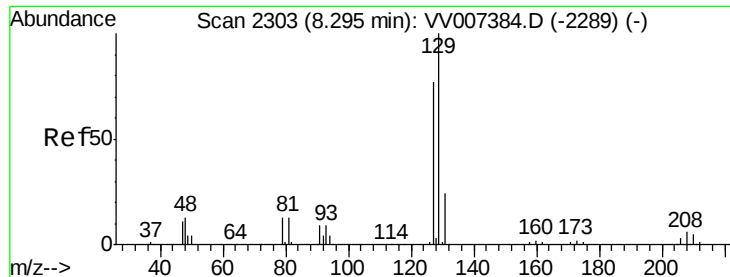
Ion 43.00 (42.70 to 43.70): VV0

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: 15.857 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.27 min

Lab File: VV007400.D

Acq: 05 Sep 2018 22:28

Instrument :

MSVOA_V

ClientSampleId :

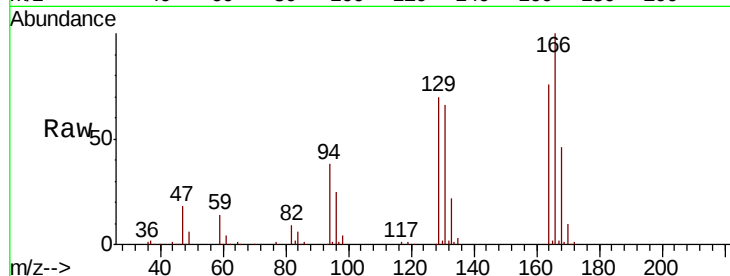
BEGE9

Tgt Ion: 129 Resp: 62026

Ion Ratio Lower Upper

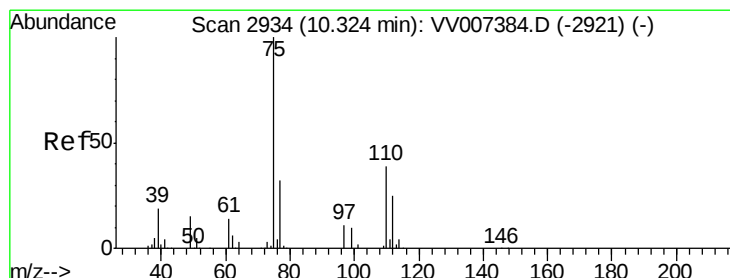
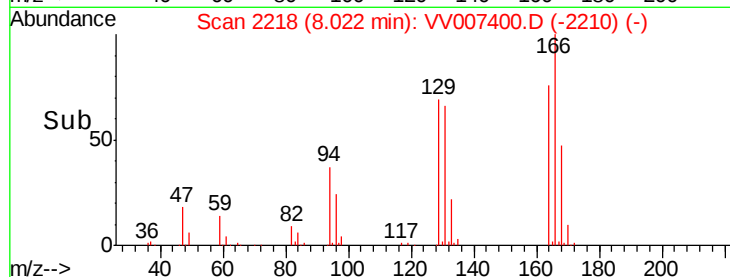
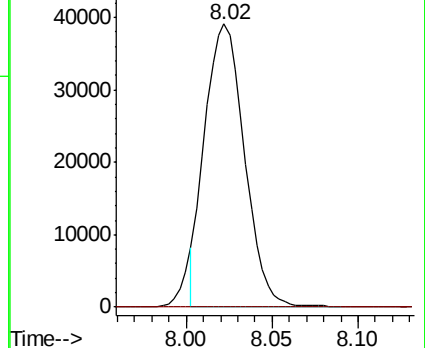
129 100

127 0.0 54.0 100.4#



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: 4.158 ug/L

RT: 11.30 min Scan# 3238

Delta R.T. 0.98 min

Lab File: VV007400.D

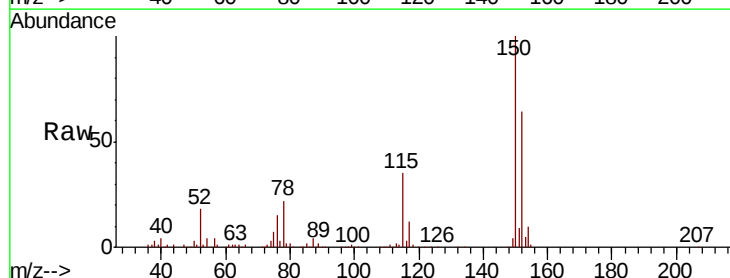
Acq: 05 Sep 2018 22:28

Tgt Ion: 75 Resp: 19980

Ion Ratio Lower Upper

75 100

77 35.6 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

