

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090418\
 Data File : VV007364.D
 Acq On : 05 Sep 2018 06:42
 Operator : SY/MD
 Sample : J4695-19
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEGB4

Quant Time: Sep 05 07:03:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 05 05:24:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	563598	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	547343	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	202181	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	169639	42.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.28%
7) Chloroethane-d5	1.57	69	135479	51.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.74%
11) 1,1-Dichloroethene-d2	2.13	63	239931	33.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.66%
21) 2-Butanone-d5	3.96	46	260617	79.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.59%
24) Chloroform-d	4.41	84	357125	42.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.78%
26) 1,2-Dichloroethane-d4	5.09	65	227672	45.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.64%
32) Benzene-d6	5.11	84	724432	43.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.82%
36) 1,2-Dichloropropane-d6	6.12	67	243660	44.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.14%
41) Toluene-d8	7.37	98	591277	41.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.28%
43) trans-1,3-Dichloropropene-	7.67	79	91382	38.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.62%
47) 2-Hexanone-d5	8.14	63	162020	74.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.76%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	302362	40.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.08%
64) 1,2-Dichlorobenzene-d4	11.68	152	215935	49.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.38%

Target Compounds

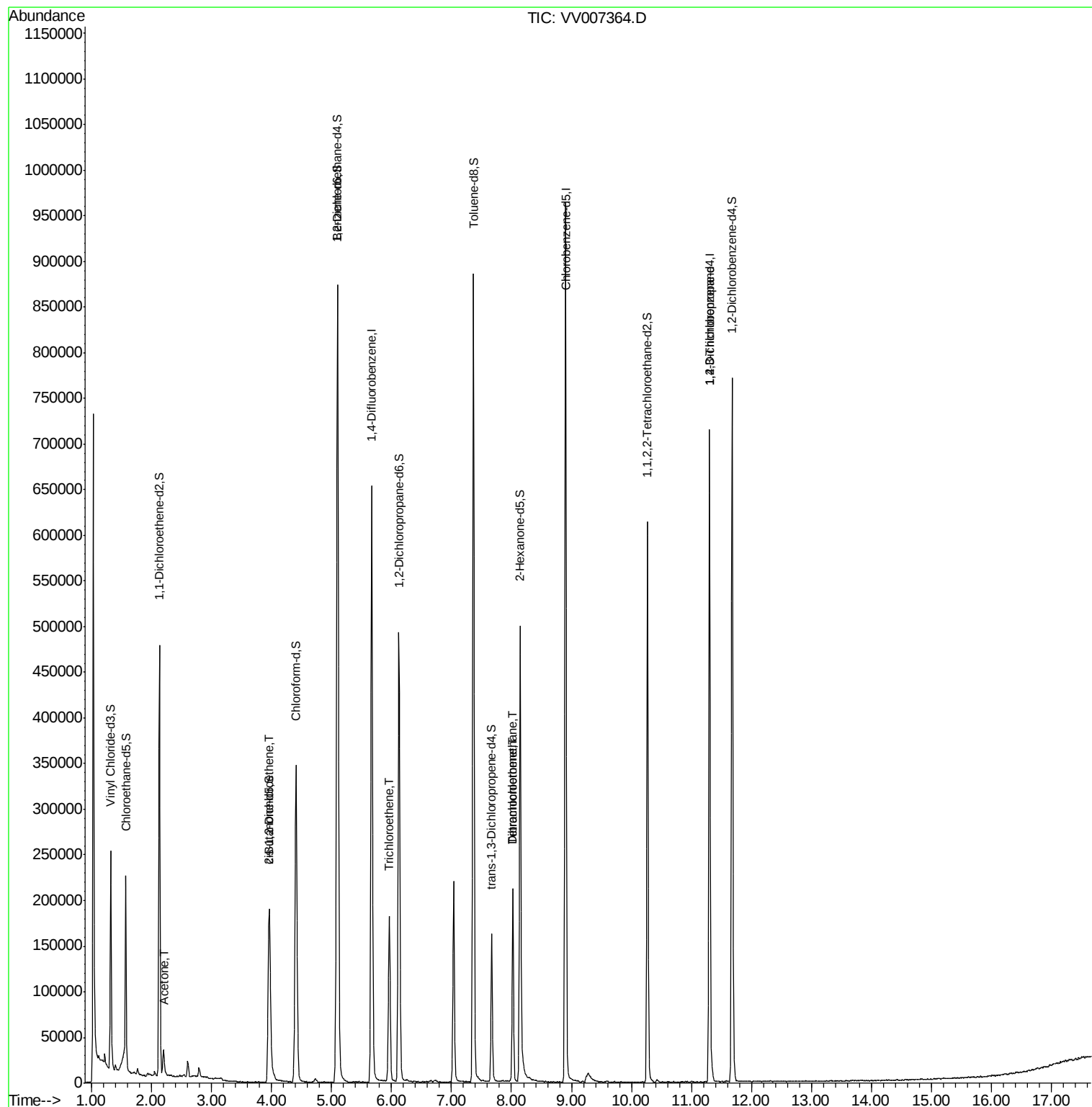
					Qvalue
13) Acetone	2.20	43	27265	13.982 ug/L	97
20) cis-1,2-Dichloroethene	3.97	96	24135	5.394 ug/L	91
34) Trichloroethene	5.96	95	59605	13.946 ug/L	97
46) Tetrachloroethene	8.02	164	49872	14.512 ug/L	98
49) Dibromochloromethane	8.02	129	42420	9.107 ug/L #	11
59) 1,2,3-Trichloropropane	11.30	75	23275	4.067 ug/L	93

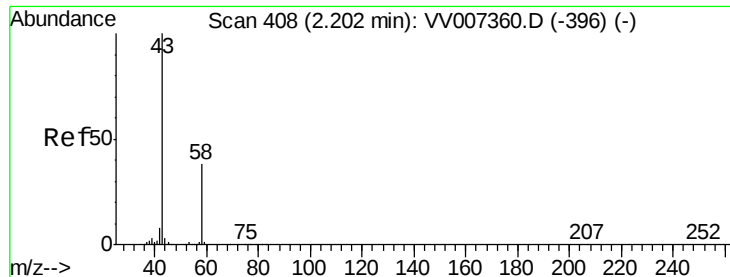
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 13.982 ug/L

RT: 2.20 min Scan# 408

Delta R.T. -0.00 min

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Acq: 05 Sep 2018 06:42

Instrument :

MSVOA_V

ClientSampleId :

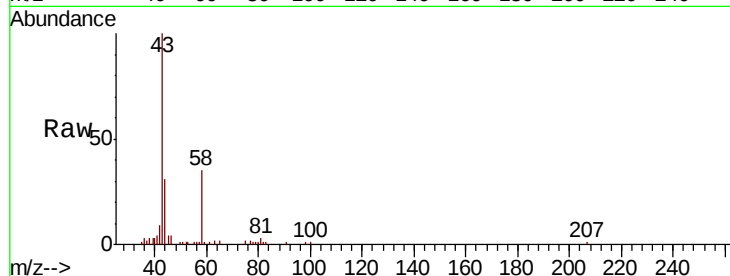
BEGB4

Tgt Ion: 43 Resp: 27265

Ion Ratio Lower Upper

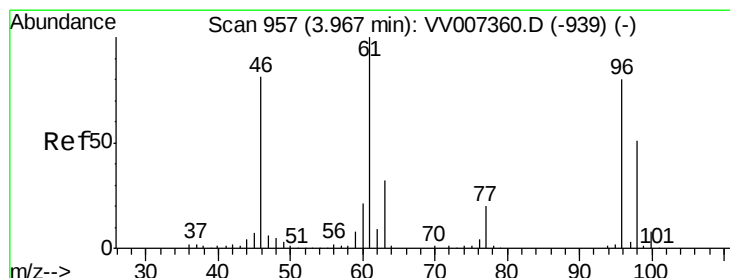
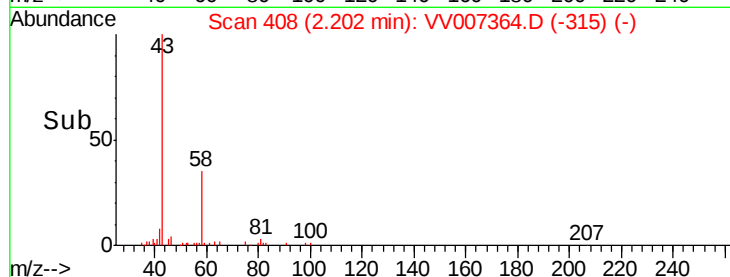
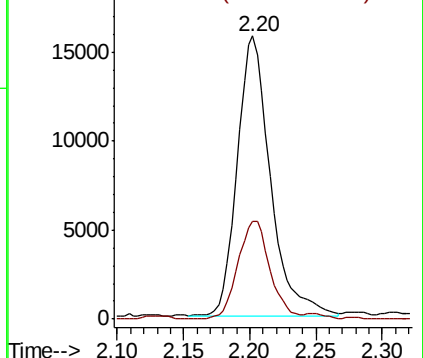
43 100

58 33.9 0.0 71.2



Abundance Ion 43.00 (42.70 to 43.70): VV007360.D (-396) (-)

Ion 58.00 (57.70 to 58.70): VV007360.D (-396) (-)



#20

cis-1,2-Dichloroethene

Concen: 5.394 ug/L

RT: 3.97 min Scan# 957

Delta R.T. -0.00 min

Lab File: VV007364.D

Acq: 05 Sep 2018 06:42

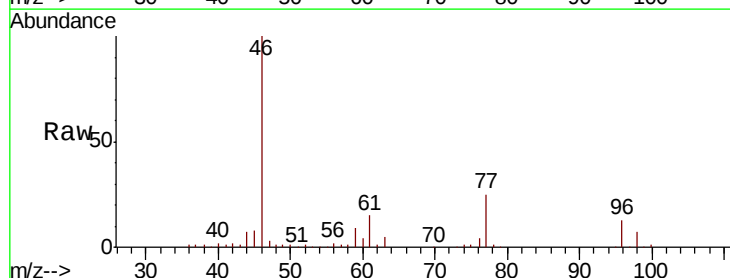
Tgt Ion: 96 Resp: 24135

Ion Ratio Lower Upper

96 100

61 113.3 86.8 161.2

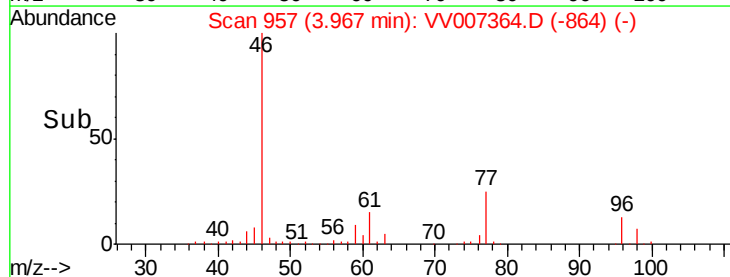
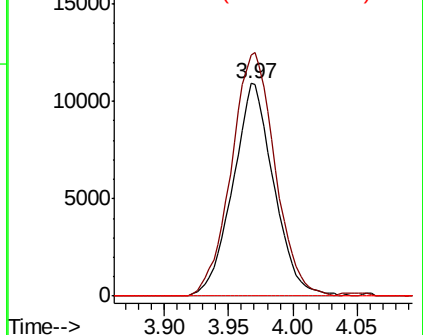
68 0.0 0.0 0.0

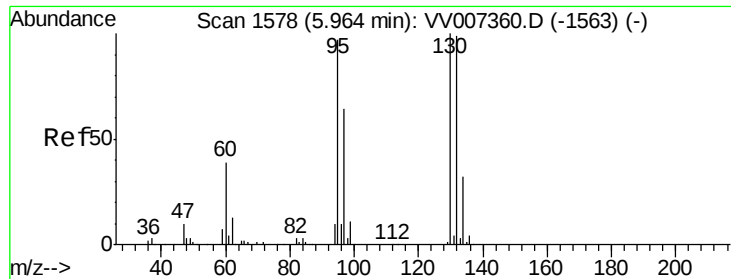


Abundance Ion 96.00 (95.70 to 96.70): VV007360.D (-939) (-)

Ion 61.00 (60.70 to 61.70): VV007360.D (-939) (-)

Ion 68.00 (67.70 to 68.70): VV007360.D (-939) (-)





#34

Trichloroethene

Concen: 13.946 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VV007364.D

Acq: 05 Sep 2018 06:42

Instrument :

MSVOA_V

ClientSampleId :

BEGB4

Tgt Ion: 95 Resp: 59605

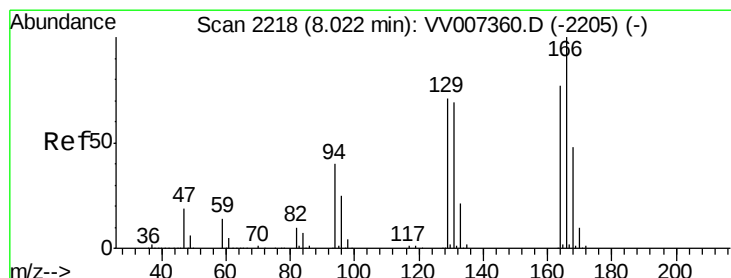
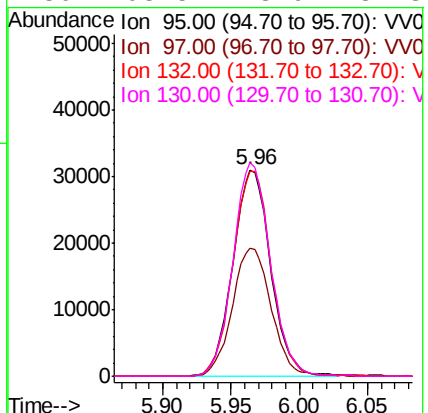
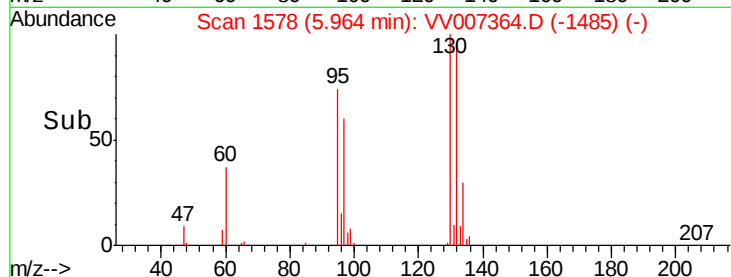
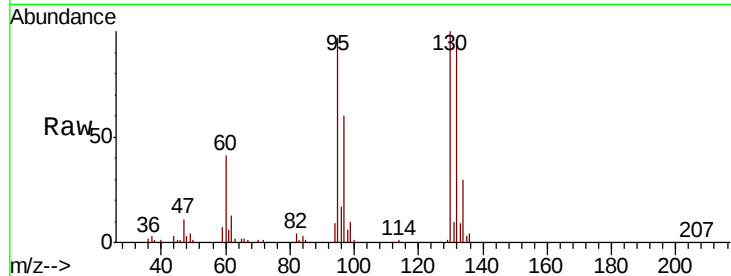
Ion Ratio Lower Upper

95 100

97 62.2 46.1 85.7

132 99.4 70.8 131.6

130 103.5 73.9 137.3



#46

Tetrachloroethene

Concen: 14.512 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VV007364.D

Acq: 05 Sep 2018 06:42

Tgt Ion: 164 Resp: 49872

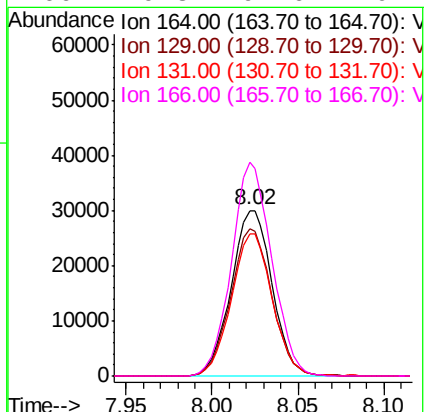
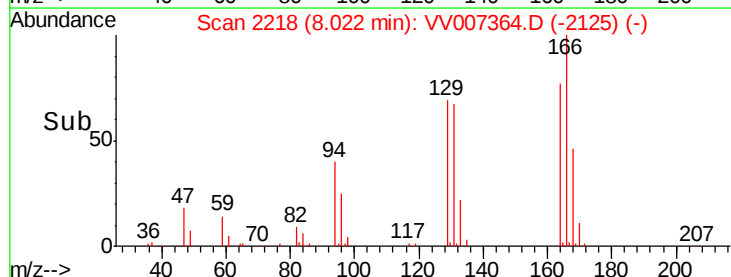
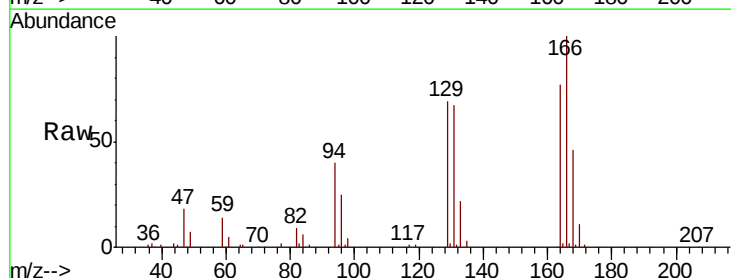
Ion Ratio Lower Upper

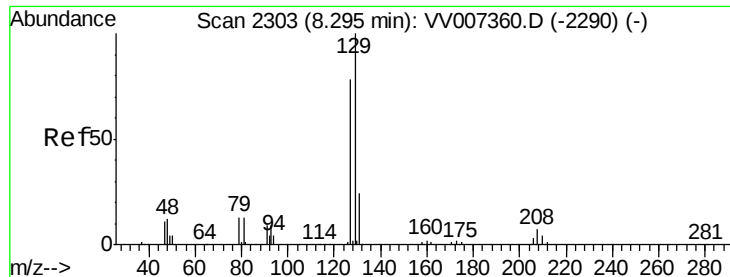
164 100

129 89.5 63.9 118.7

131 86.4 62.6 116.2

166 129.3 91.6 170.2





#49

Dibromochloromethane

Concen: 9.107 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.27 min

Lab File: VV007364.D

Acq: 05 Sep 2018 06:42

Instrument :

MSVOA_V

ClientSampleId :

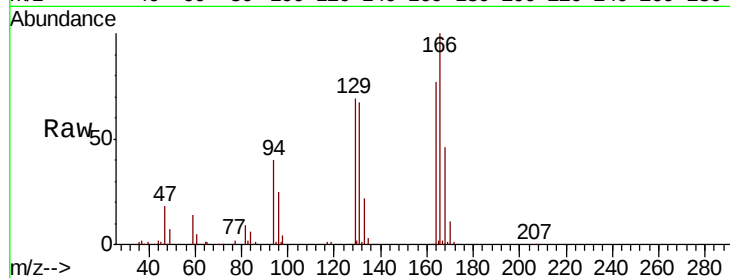
BEGB4

Tgt Ion:129 Resp: 42420

Ion Ratio Lower Upper

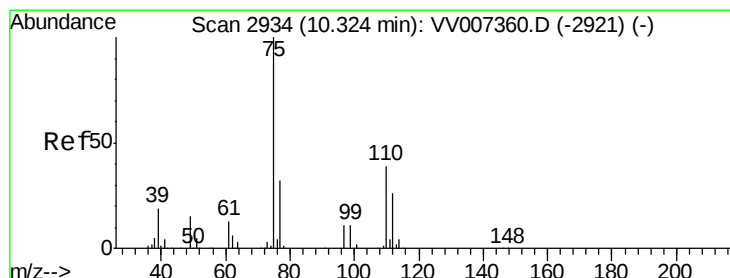
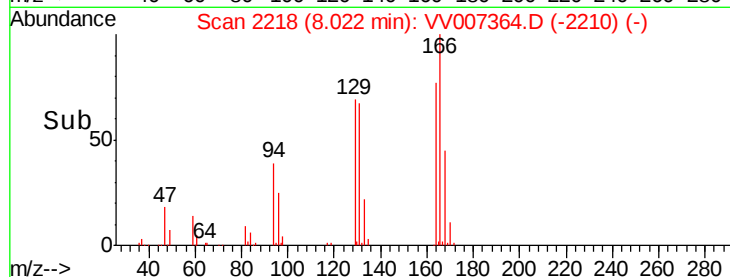
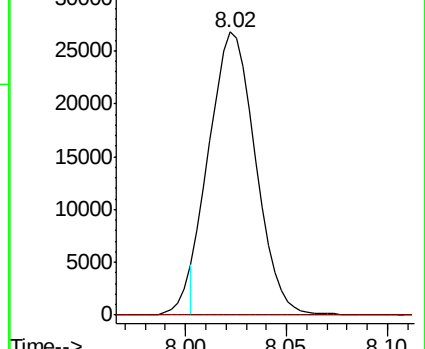
129 100

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: 4.067 ug/L

RT: 11.30 min Scan# 3237

Delta R.T. 0.97 min

Lab File: VV007364.D

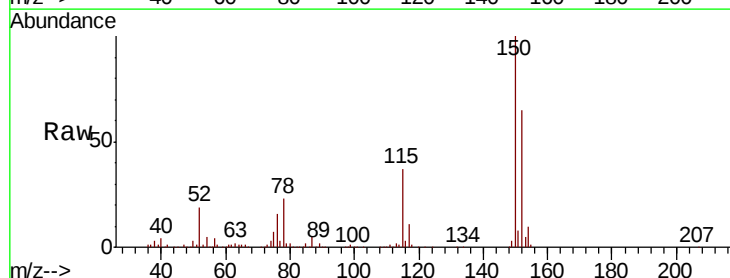
Acq: 05 Sep 2018 06:42

Tgt Ion: 75 Resp: 23275

Ion Ratio Lower Upper

75 100

77 35.8 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

