

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090518\
 Data File : VV007409.D
 Acq On : 06 Sep 2018 02:13
 Operator : SY/MD
 Sample : J4751-01 50X
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEGH2

Quant Time: Sep 06 04:21:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 06 02:12:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	511258	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	525261	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	204147	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	149106	40.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.66%
7) Chloroethane-d5	1.56	69	119931	50.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.26%
11) 1,1-Dichloroethene-d2	2.12	63	209840	32.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.24%
21) 2-Butanone-d5	3.96	46	240903	81.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.10%
24) Chloroform-d	4.40	84	340109	45.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.04%
26) 1,2-Dichloroethane-d4	5.09	65	214470	47.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.12%
32) Benzene-d6	5.10	84	662234	41.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.66%
36) 1,2-Dichloropropane-d6	6.12	67	227312	42.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.70%
41) Toluene-d8	7.36	98	527147	38.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.36%#
43) trans-1,3-Dichloropropene-	7.67	79	87374	38.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.34%
47) 2-Hexanone-d5	8.14	63	191278	91.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.97%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	325738	44.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.90%
64) 1,2-Dichlorobenzene-d4	11.68	152	212810	48.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

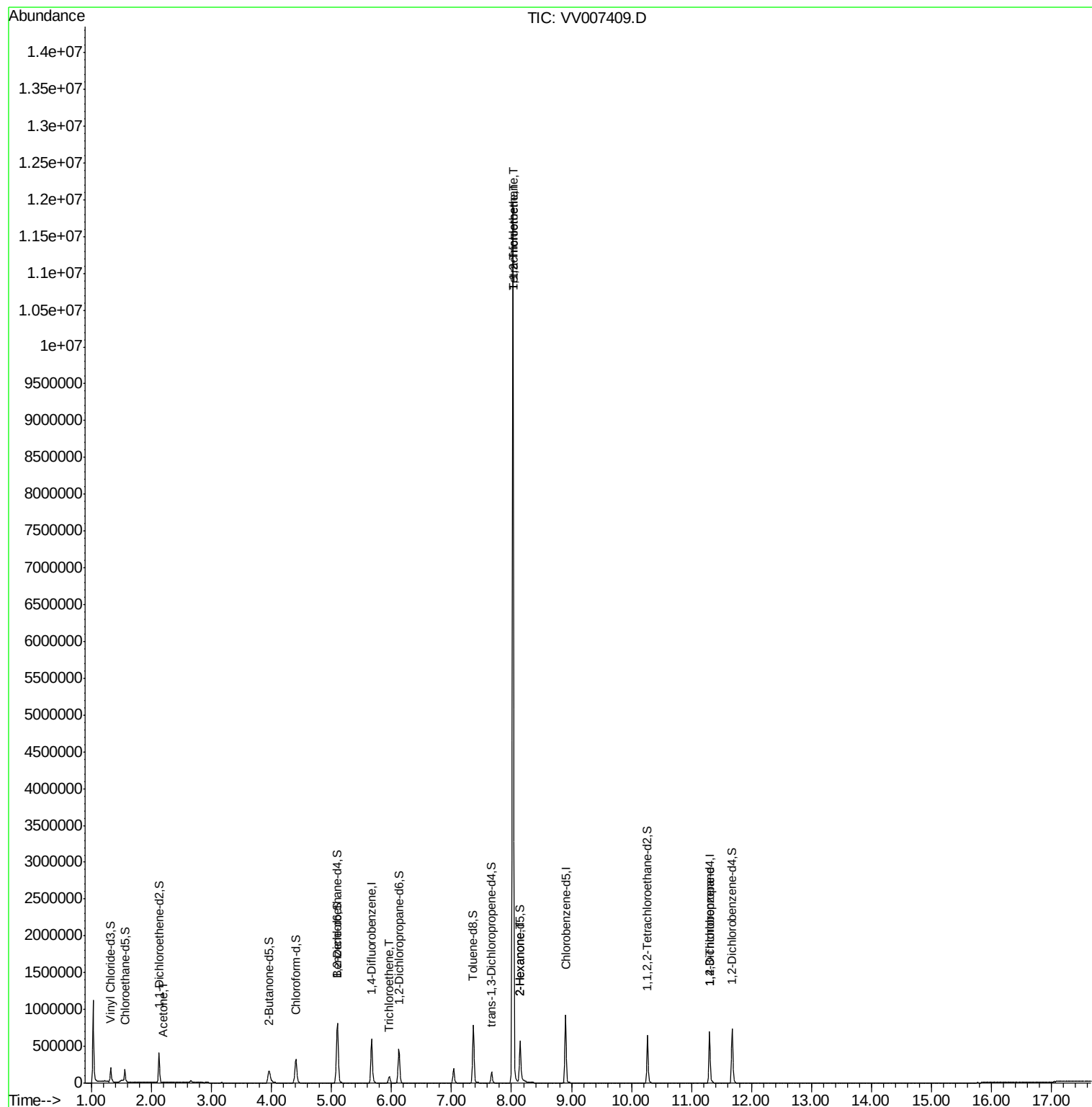
					Qvalue
13) Acetone	2.20	43	3864	2.184 ug/L	90
34) Trichloroethene	5.96	95	27853	6.791 ug/L	97
45) 1,1,2-Trichloroethane	8.02	97	20404	4.682 ug/L #	1
46) Tetrachloroethene	8.03	164	2767792	839.223 ug/L	98
48) 2-Hexanone	8.14	43	24056	5.783 ug/L #	75
59) 1,2,3-Trichloropropane	11.30	75	21982	4.003 ug/L	92

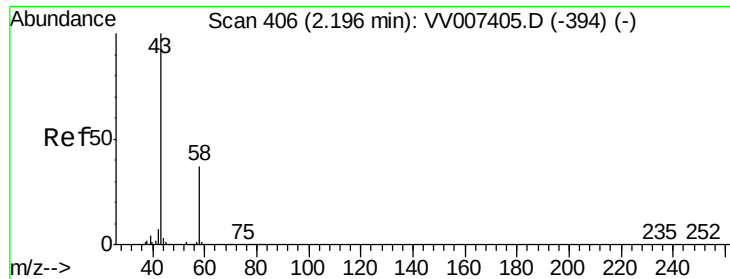
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.184 ug/L

RT: 2.20 min Scan# 406

Delta R.T. -0.00 min

Lab File: VV007409.D

Acq: 06 Sep 2018 02:13

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MSVOA_V

ClientSampleId :

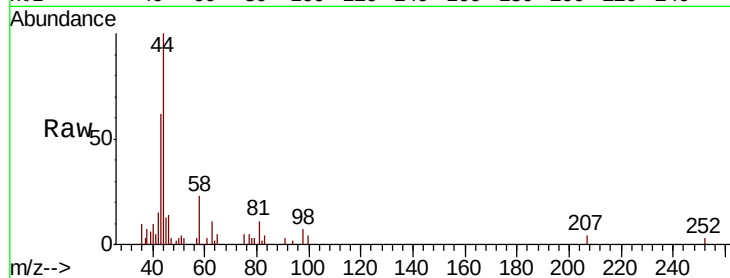
BEGH2

Tgt Ion: 43 Resp: 3864

Ion Ratio Lower Upper

43 100

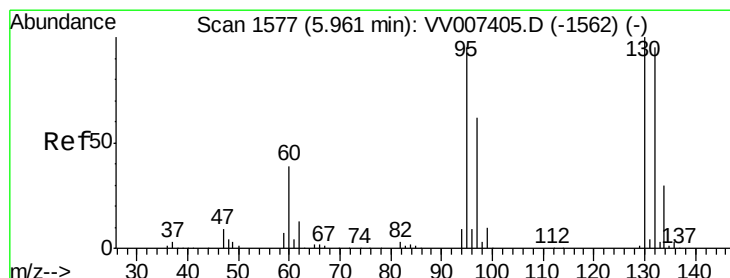
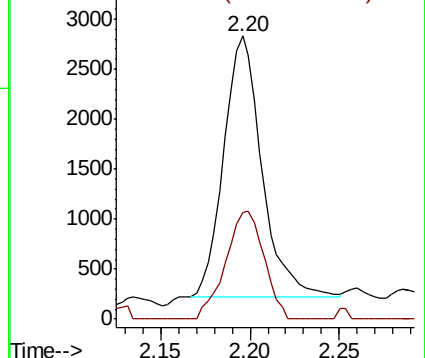
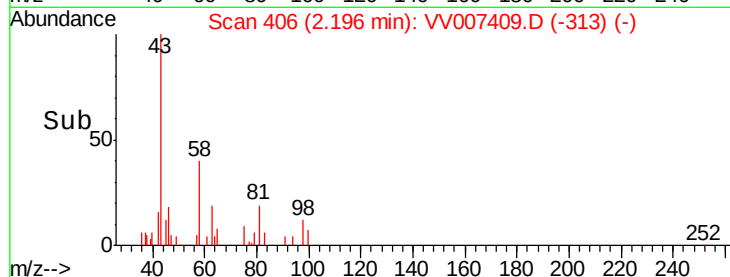
58 41.5 0.0 71.2



Abundance Ion 43.00 (42.70 to 43.70): VV007409.D (-313) (-)

Ion 58.00 (57.70 to 58.70): VV007409.D (-313) (-)

Time-->



#34

Trichloroethene

Concen: 6.791 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV007409.D

Acq: 06 Sep 2018 02:13

Tgt Ion: 95 Resp: 27853

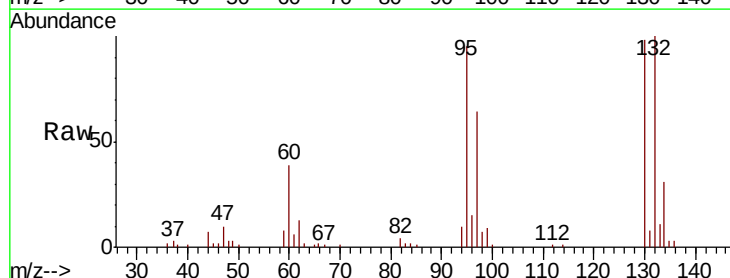
Ion Ratio Lower Upper

95 100

97 67.8 46.1 85.7

132 105.7 70.8 131.6

130 103.8 73.9 137.3



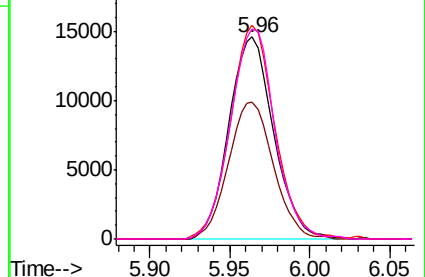
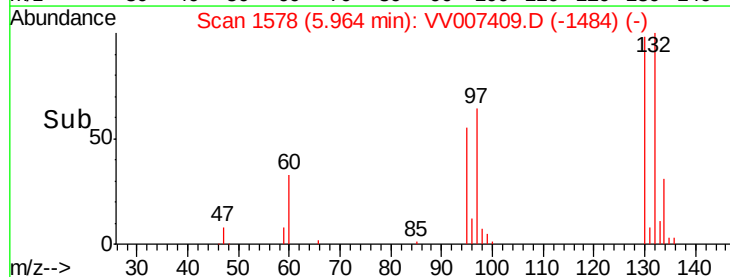
Abundance Ion 95.00 (94.70 to 95.70): VV007409.D (-1484) (-)

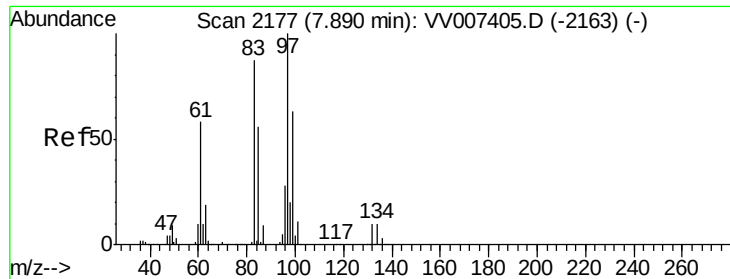
Ion 97.00 (96.70 to 97.70): VV007409.D (-1484) (-)

Ion 132.00 (131.70 to 132.70): VV007409.D (-1484) (-)

Ion 130.00 (129.70 to 130.70): VV007409.D (-1484) (-)

Time-->

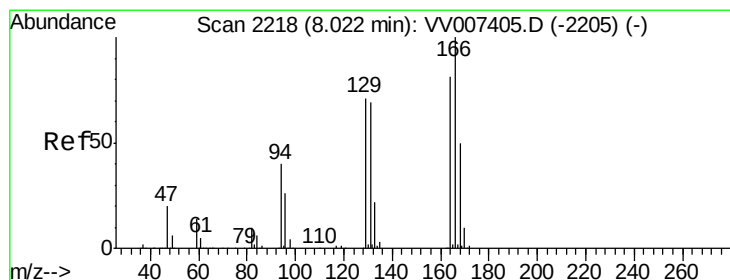
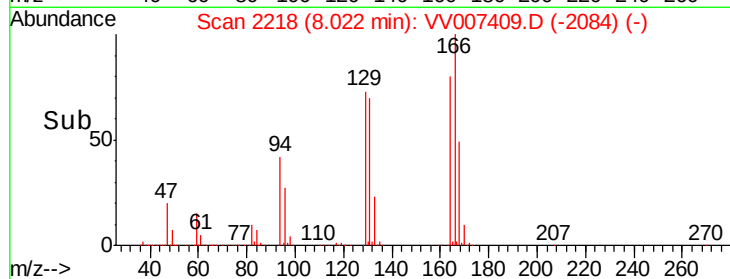
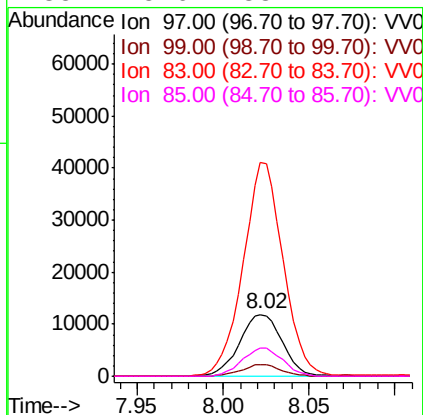
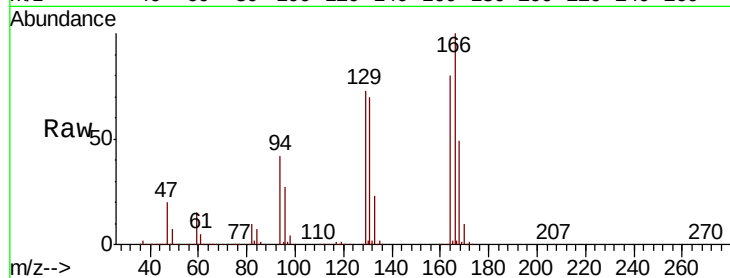




#45
 1,1,2-Trichloroethane
 Concen: 4.682 ug/L
 RT: 8.02 min Scan# 2218
 Delta R.T. 0.13 min
 Lab File: VV007409.D
 Acq: 06 Sep 2018 02:13

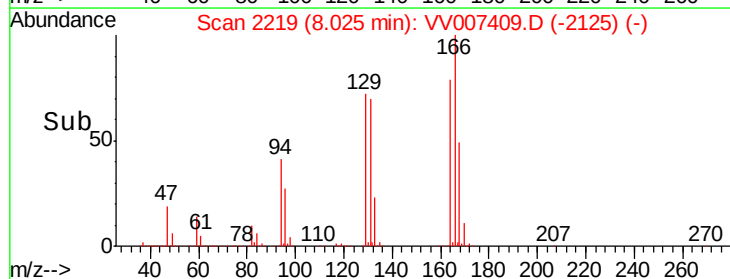
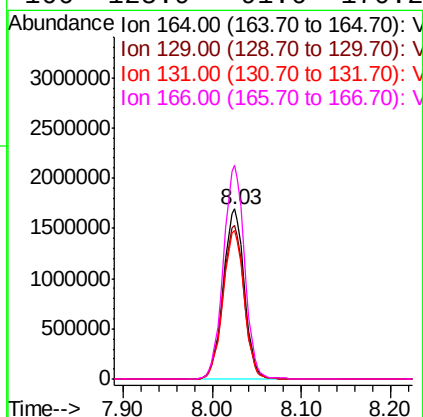
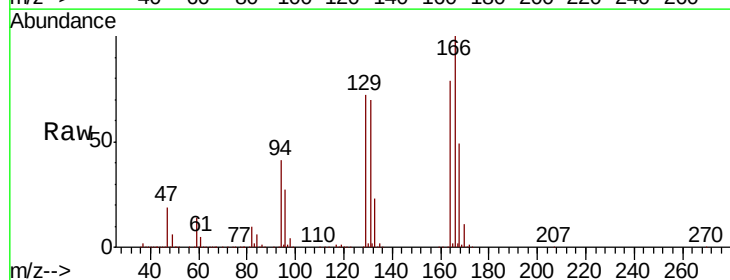
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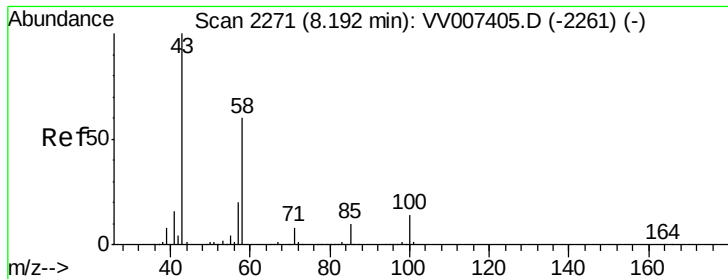
Tgt Ion:	97	Resp:	20404
Ion	Ratio	Lower	Upper
97	100		
99	19.0	44.0	81.6#
83	344.3	60.1	111.5#
85	45.6	38.4	71.2



#46
 Tetrachloroethene
 Concen: 839.223 ug/L
 RT: 8.03 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VV007409.D
 Acq: 06 Sep 2018 02:13

Tgt Ion:	164	Resp:	2767792
Ion	Ratio	Lower	Upper
164	100		
129	90.8	63.9	118.7
131	87.7	62.6	116.2
166	125.9	91.6	170.2





#48

2-Hexanone

Concen: 5.783 ug/L

RT: 8.14 min Scan# 2256

Delta R.T. -0.05 min

Lab File: VV007409.D

Acq: 06 Sep 2018 02:13

Instrument :

MSVOA_V

ClientSampleId :

BEGH2

Tgt Ion: 43 Resp: 24056

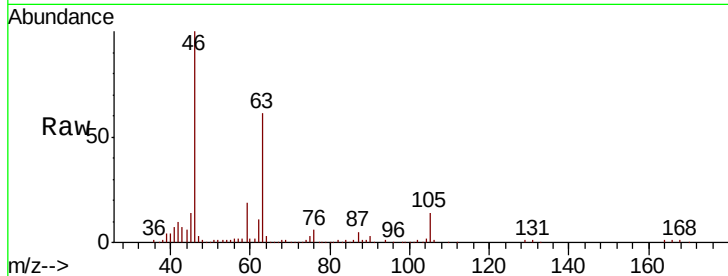
Ion Ratio Lower Upper

43 100

58 43.6 48.6 72.8#

57 33.1 16.2 24.2#

100 2.0 11.1 16.7#

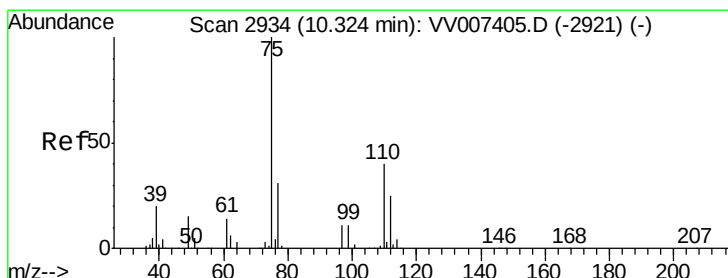
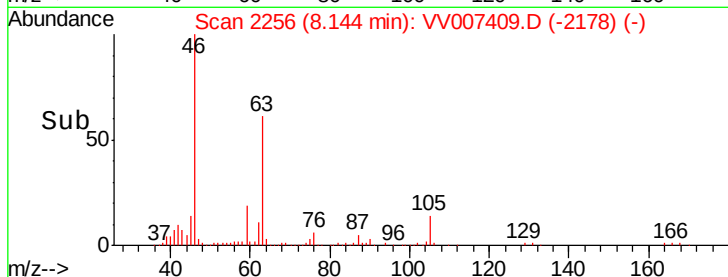
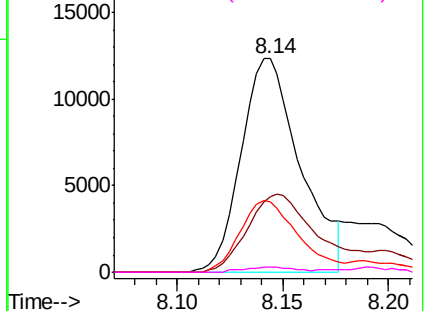


Abundance Ion 43.00 (42.70 to 43.70): VV0

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



#59

1,2,3-Trichloropropane

Concen: 4.003 ug/L

RT: 11.30 min Scan# 3238

Delta R.T. 0.98 min

Lab File: VV007409.D

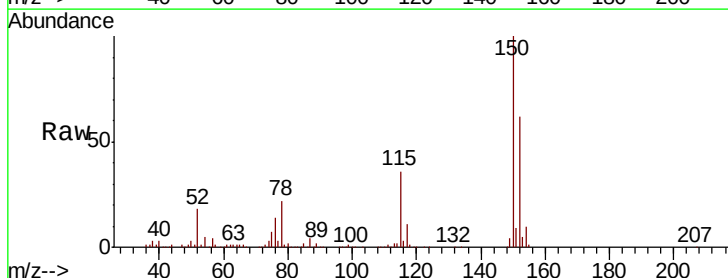
Acq: 06 Sep 2018 02:13

Tgt Ion: 75 Resp: 21982

Ion Ratio Lower Upper

75 100

77 36.5 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

