

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041019\
 Data File : VW009892.D
 Acq On : 10 Apr 2019 21:05
 Operator : SY/VA
 Sample : K2340-17
 Misc : 5.42G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF2S9

Quant Time: Apr 11 03:48:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 03:44:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	442096	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	428229	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	186194	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	99919	17.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.08%
7) Chloroethane-d5	2.89	69	93873	17.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.84%
10) 1,1-Dichloroethene-d2	4.02	63	201887	16.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.92%
20) 2-Butanone-d5	7.07	46	122447	65.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.38%
24) Chloroform-d	7.65	84	287571	23.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.36%
26) 1,2-Dichloroethane-d4	8.39	65	170	0.02	ug/L	0.09
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	509189	22.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.60%
33) 1,2-Dichloropropane-d6	9.27	67	168079	24.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.84%
37) Toluene-d8	10.32	98	433527	20.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.44%
38) trans-1,3-Dichloropropene-	10.58	79	71438	21.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.28%
39) 2-Hexanone-d5	10.93	63	83925	64.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	179250	27.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.08%
61) 1,2-Dichlorobenzene-d4	13.86	152	170924	26.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.64%

Target Compounds

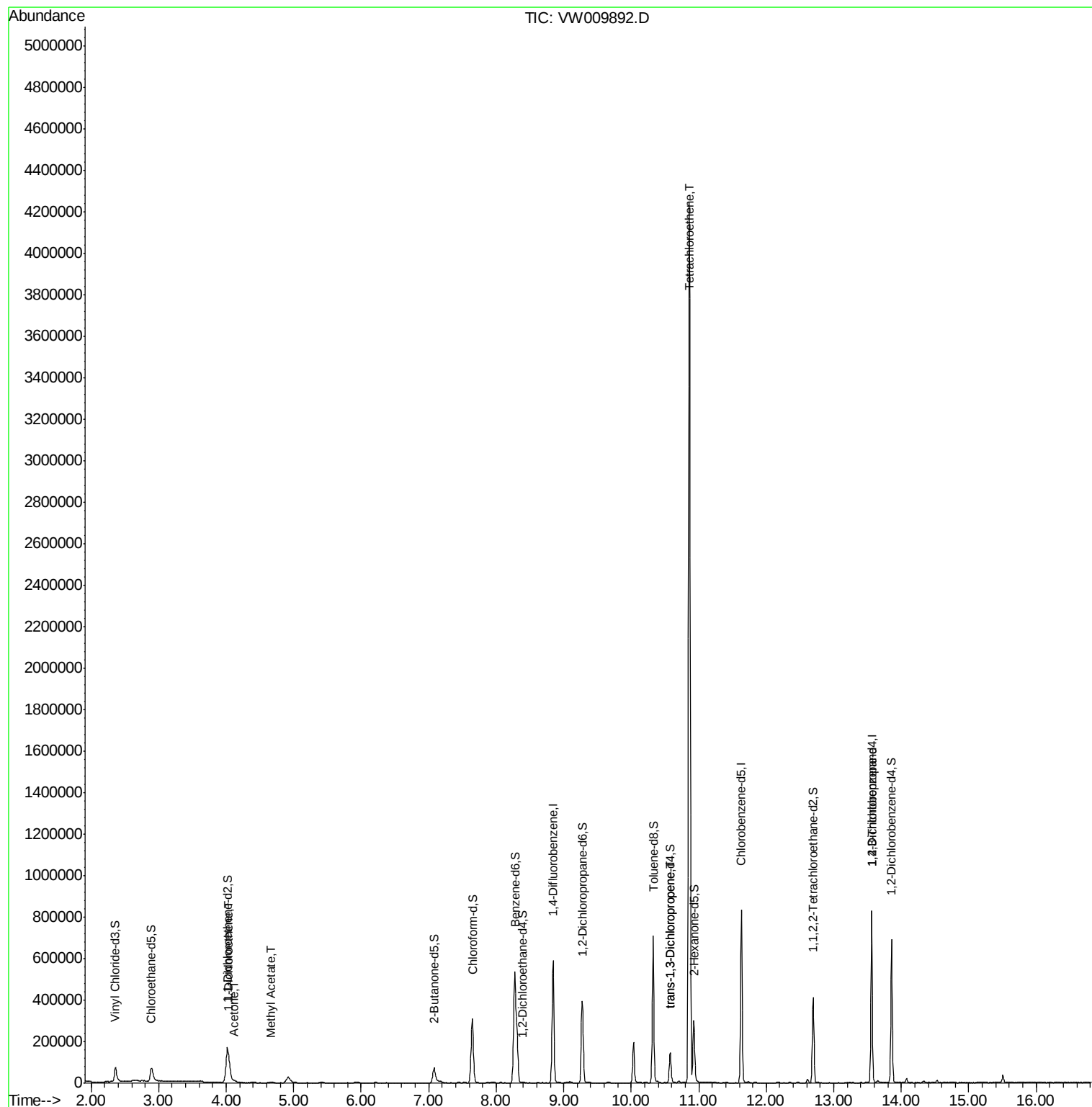
					Qvalue
12) 1,1-Dichloroethene	4.04	96	21812	3.715 ug/L #	1
13) Acetone	4.12	43	9842	4.890 ug/L	100
15) Methyl Acetate	4.67	43	3932	1.072 ug/L	94
45) trans-1,3-Dichloropropene	10.58	75	4688	0.532 ug/L #	78
47) Tetrachloroethene	10.86	164	837992	157.800 ug/L	98
59) 1,2,3-Trichloropropane	13.56	75	27210	5.491 ug/L	93

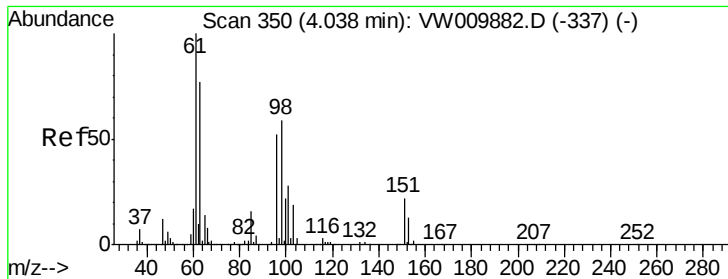
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 11 03:44:42 2019
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#12

1,1-Dichloroethene

Concen: 3.715 ug/L

RT: 4.04 min Scan# 351

Delta R.T. 0.01 min

Lab File: VW009892.D

Acq: 10 Apr 2019 21:05

Instrument :

MSVOA_W

ClientSampleId :

BF2S9

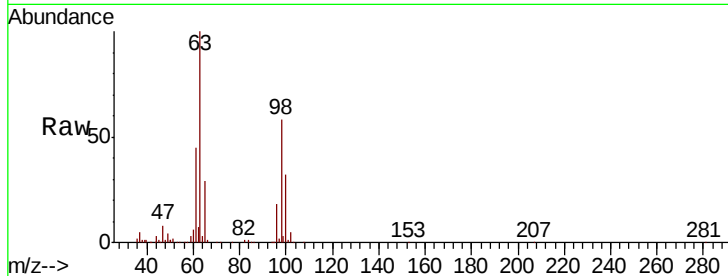
Tgt Ion: 96 Resp: 21812

Ion Ratio Lower Upper

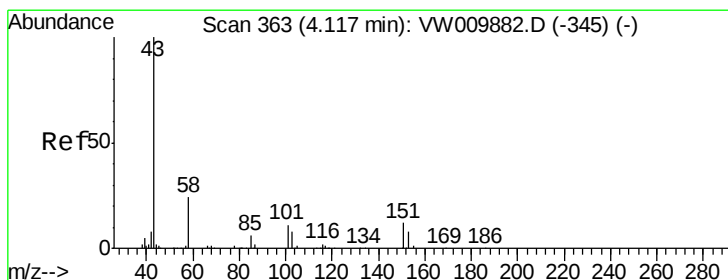
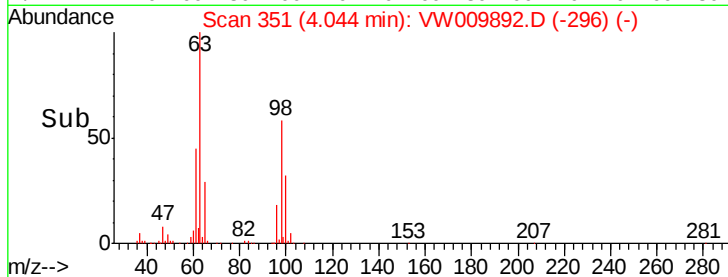
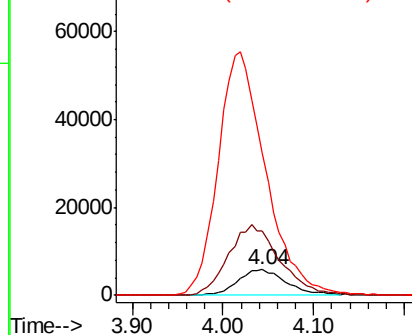
96 100

61 248.0 138.8 257.8

63 548.2 114.6 212.8#



Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 63.00 (62.70 to 63.70): VW



#13

Acetone

Concen: 4.890 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009892.D

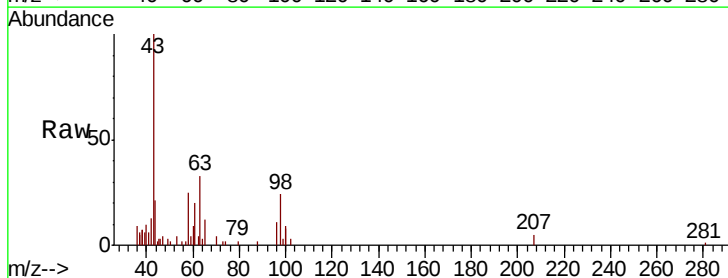
Acq: 10 Apr 2019 21:05

Tgt Ion: 43 Resp: 9842

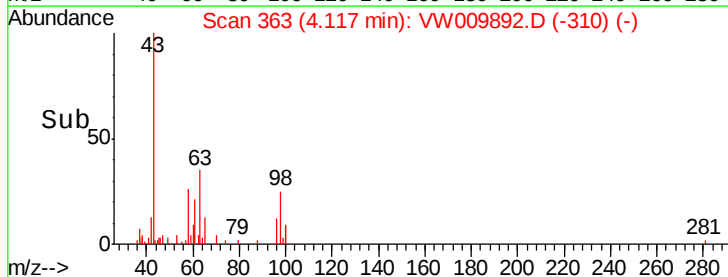
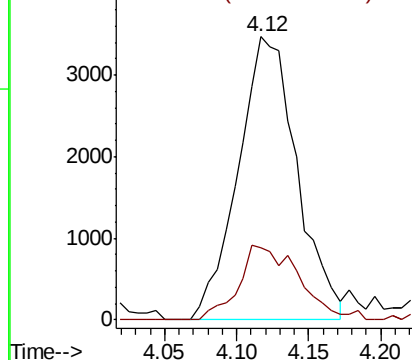
Ion Ratio Lower Upper

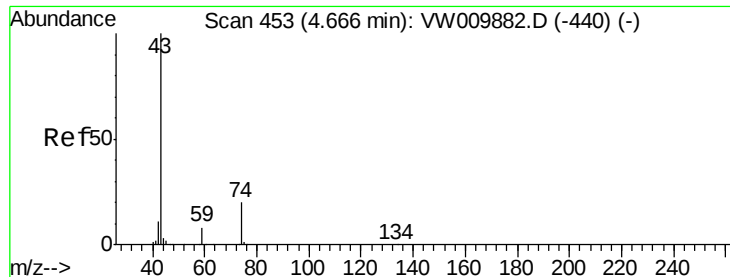
43 100

58 26.3 0.0 53.0



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

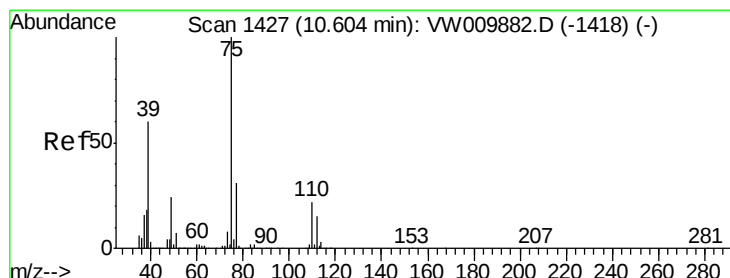
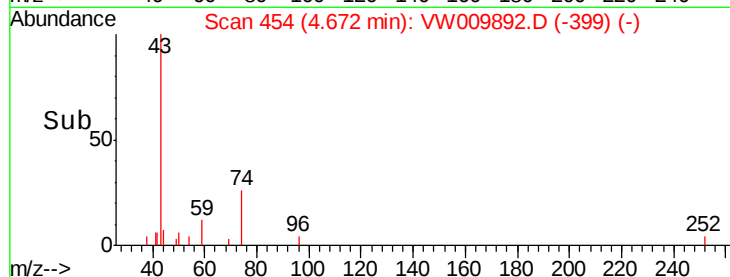
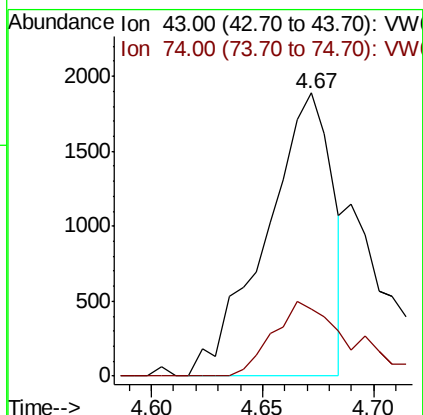
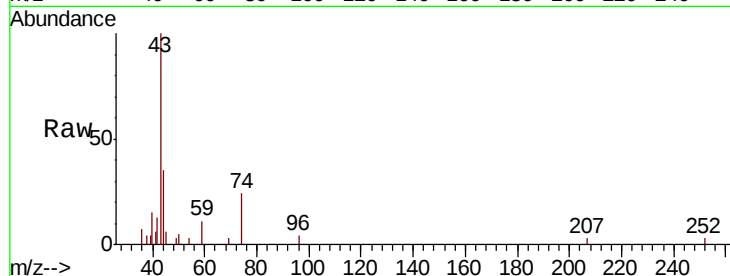




#15
Methyl Acetate
Concen: 1.072 ug/L
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW009892.D
Acq: 10 Apr 2019 21:05

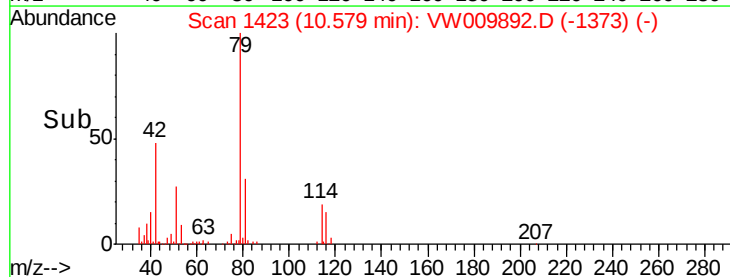
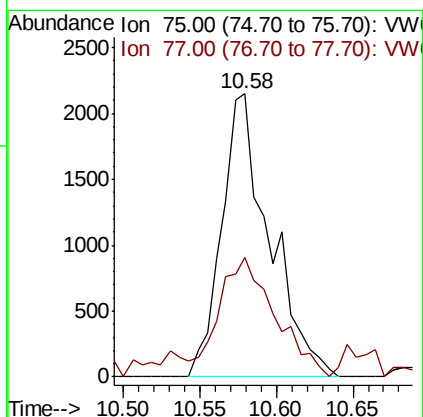
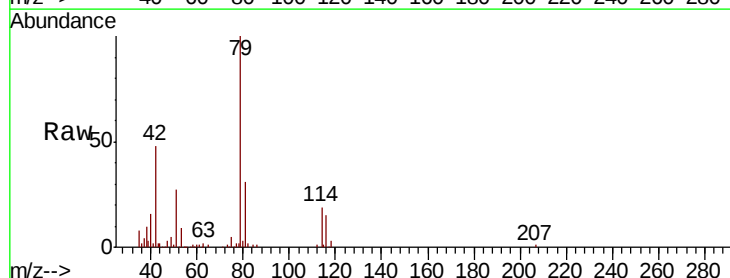
Instrument :
MSVOA_W
ClientSampled :
BF2S9

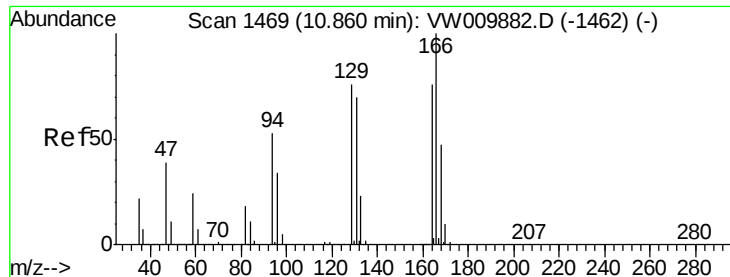
Tgt Ion: 43 Resp: 3932
Ion Ratio Lower Upper
43 100
74 24.4 17.2 25.8



#45
trans-1,3-Dichloropropene
Concen: 0.532 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.02 min
Lab File: VW009892.D
Acq: 10 Apr 2019 21:05

Tgt Ion: 75 Resp: 4688
Ion Ratio Lower Upper
75 100
77 42.4 21.1 39.3#





#47

Tetrachloroethene

Concen: 157.800 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009892.D

Acq: 10 Apr 2019 21:05

Instrument :

MSVOA_W

ClientSampleId :

BF2S9

Tgt Ion:164 Resp: 837992

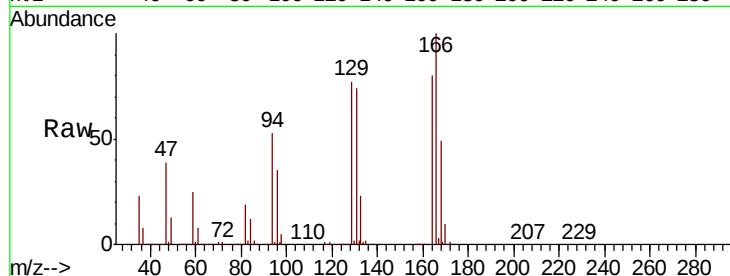
Ion Ratio Lower Upper

164 100

129 96.8 68.9 127.9

131 93.2 63.1 117.1

166 125.5 88.5 164.4

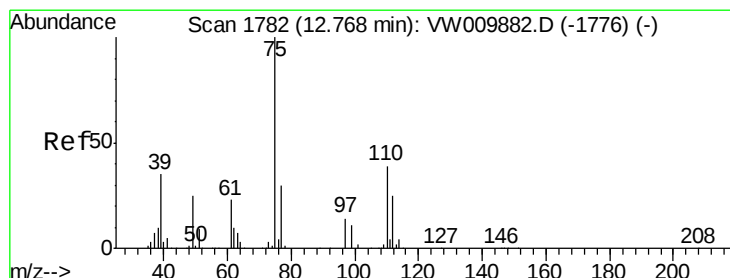
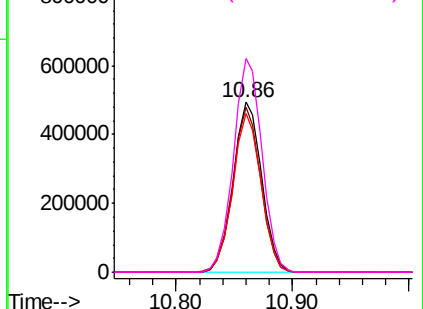
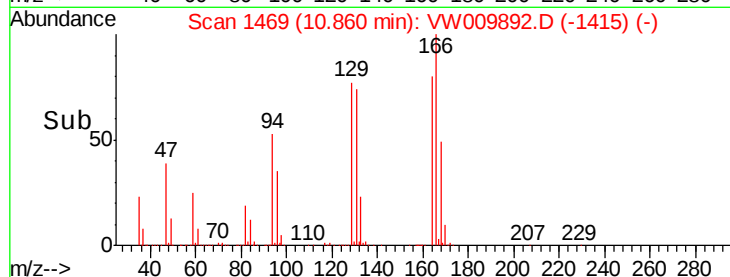


Abundance Ion 164.00 (163.70 to 164.70): V

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



#59

1,2,3-Trichloropropane

Concen: 5.491 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009892.D

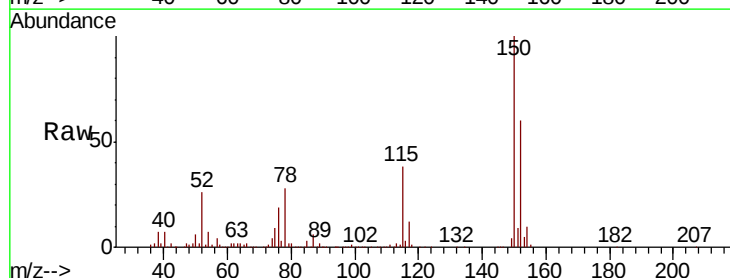
Acq: 10 Apr 2019 21:05

Tgt Ion: 75 Resp: 27210

Ion Ratio Lower Upper

75 100

77 36.7 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

