

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111620\
 Data File : VW017251.D
 Acq On : 16 Nov 2020 12:59
 Operator : SY/VA
 Sample : L4739-07
 Misc : 6.48G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB0Z4

Quant Time: Nov 17 06:10:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 17 06:08:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	424222	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	405862	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	188552	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	99316	18.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.36%
7) Chloroethane-d5	2.89	69	89170	21.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.64%
10) 1,1-Dichloroethene-d2	4.02	63	156208	16.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.36%
20) 2-Butanone-d5	7.08	46	56011	46.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.74%
24) Chloroform-d	7.65	84	237714	24.00	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	8.31	65	129450	26.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.16%
29) Benzene-d6	8.27	84	454136	21.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.88%
33) 1,2-Dichloropropane-d6	9.27	67	127724	22.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.36%
37) Toluene-d8	10.32	98	449273	23.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.20%
38) trans-1,3-Dichloropropene-	10.58	79	58965	22.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.52%
39) 2-Hexanone-d5	10.93	63	48239	48.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.70%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	119611	24.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	174114	26.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.84%

Target Compounds

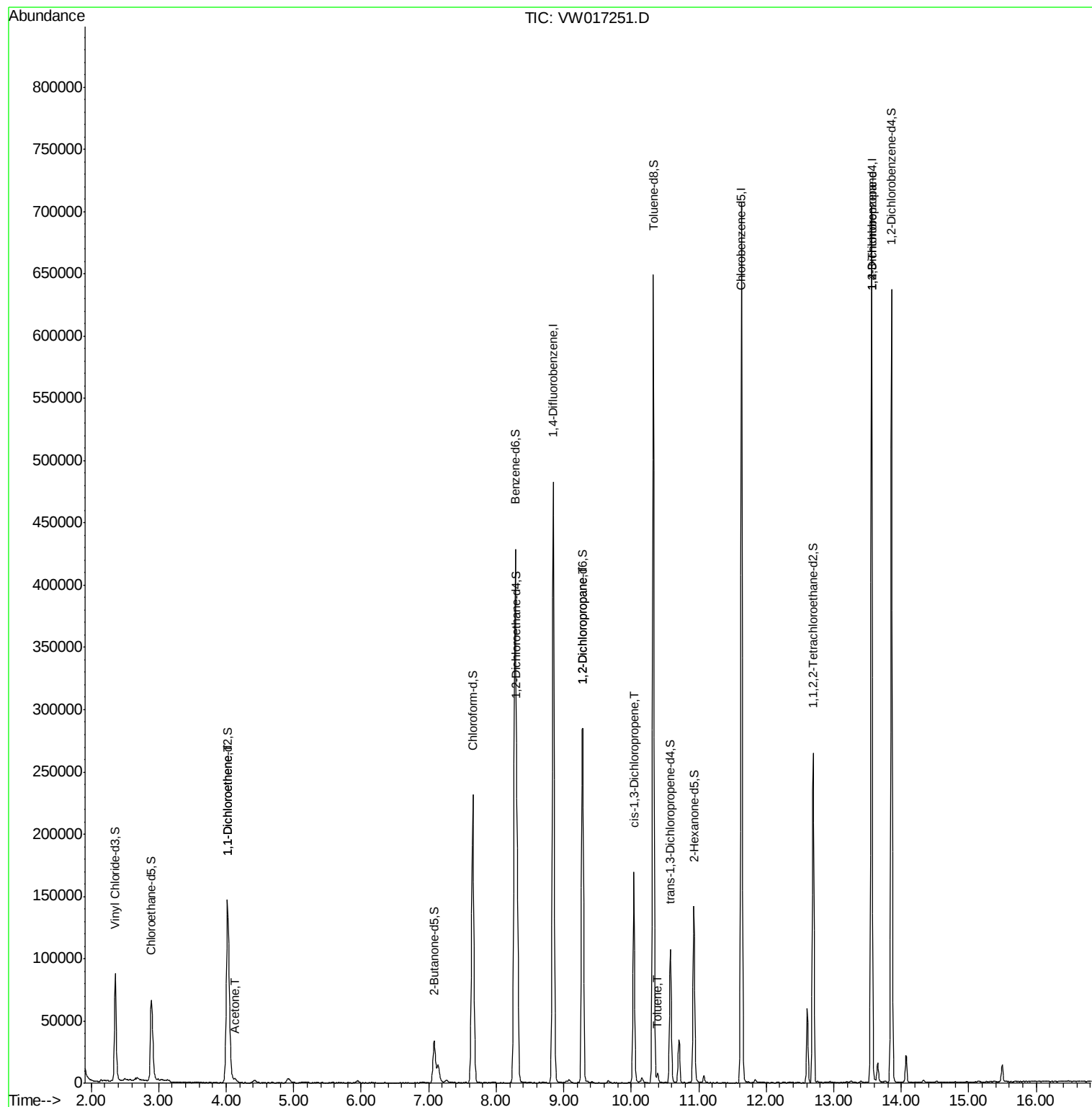
					Ovalue
12) 1,1-Dichloroethene	4.03	96	1551	0.295 ug/L #	1
13) Acetone	4.13	43	2581	3.226 ug/L	86
40) 1,2-Dichloropropane	9.28	63	16247	3.261 ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	5034	0.638 ug/L #	72
44) Toluene	10.40	91	5661	0.241 ug/L	92
59) 1,2,3-Trichloropropane	13.56	75	20806	5.833 ug/L	90

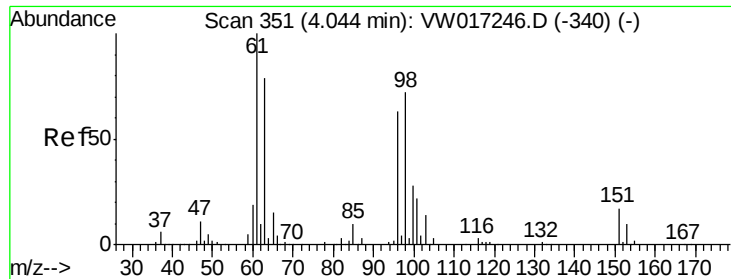
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.295 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.02 min

Lab File: VW017251.D

Acq: 16 Nov 2020 12:59

Instrument :

MSVOA_W

ClientSampled :

GB0Z4

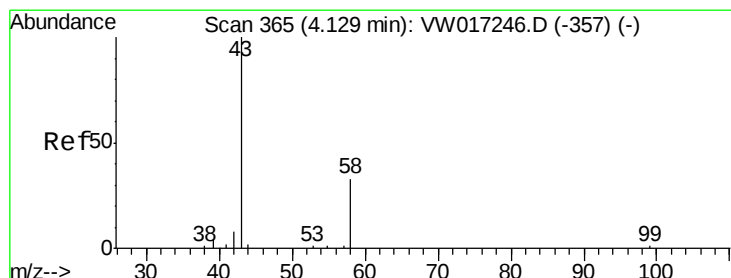
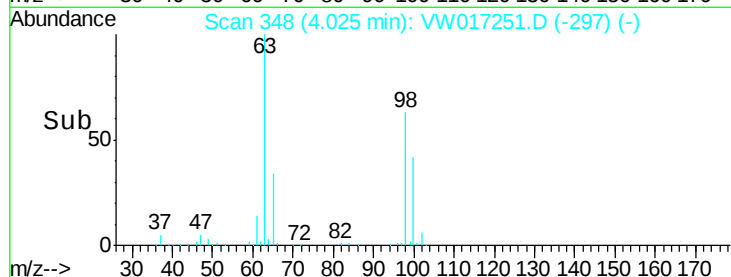
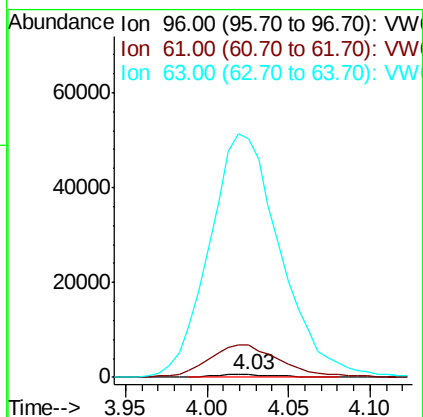
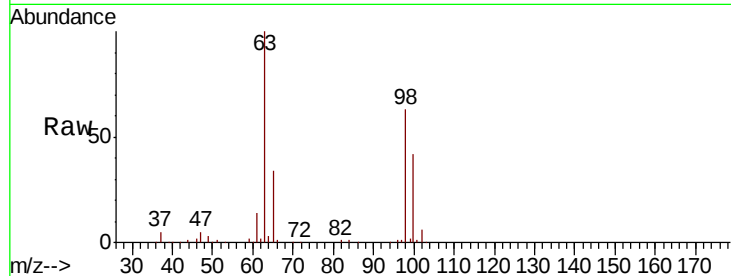
Tot Ion: 96 Resp: 1551

Ion Ratio Lower Upper

96 100

61 1245.4 103.8 192.8#

63 9188.3 84.4 156.7#



#13

Acetone

Concen: 3.226 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW017251.D

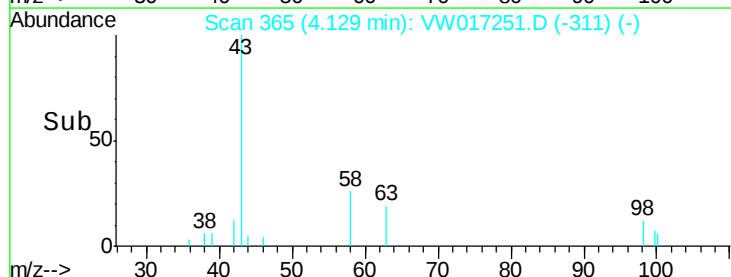
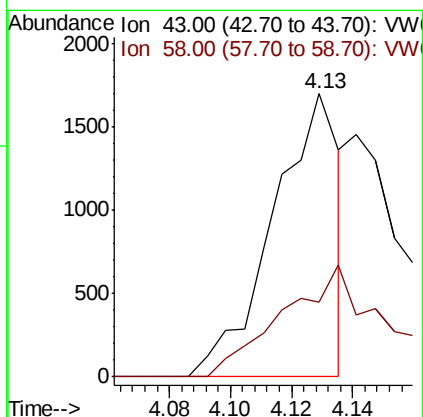
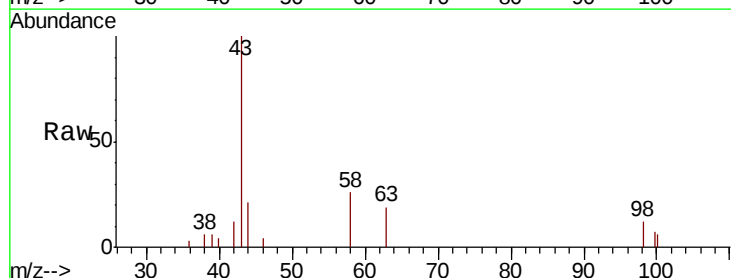
Acq: 16 Nov 2020 12:59

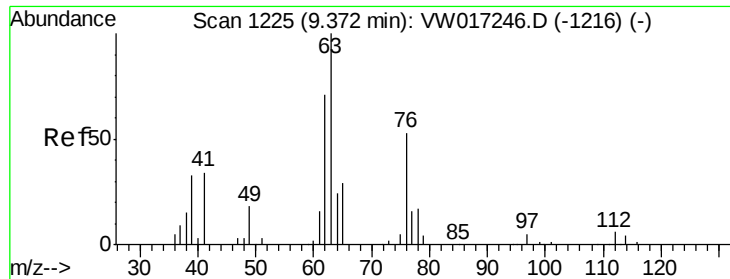
Tgt Ion: 43 Resp: 2581

Ion Ratio Lower Upper

43 100

58 26.7 0.0 69.2

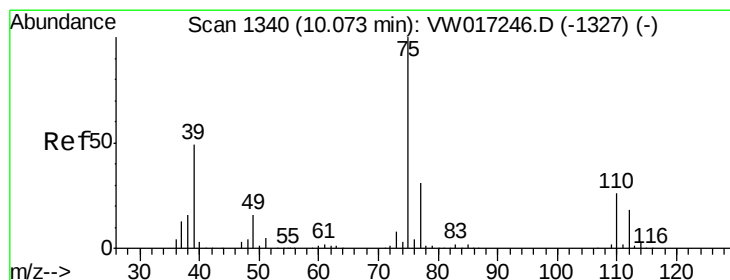
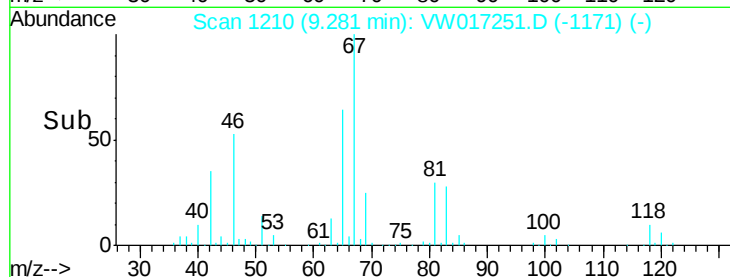
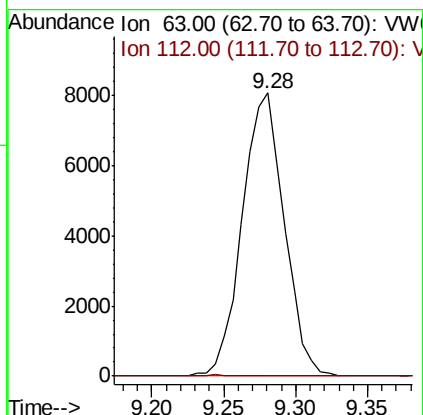
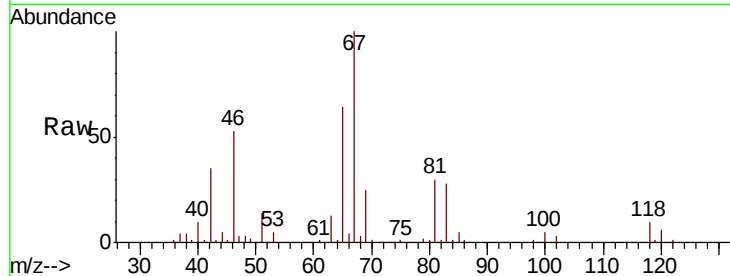




#40
 1,2-Dichloropropane
 Concen: 3.261 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: VW017251.D
 Acq: 16 Nov 2020 12:59

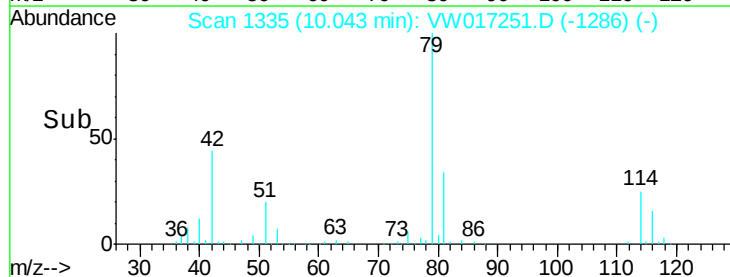
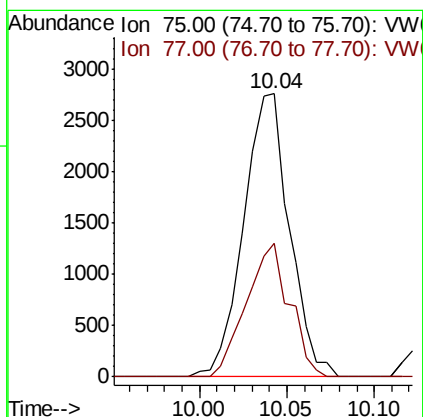
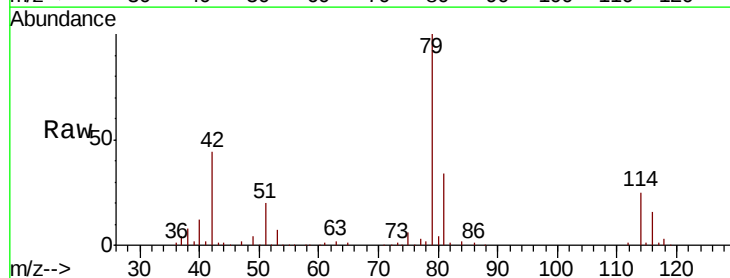
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 MSVOA_W
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 GB0Z4

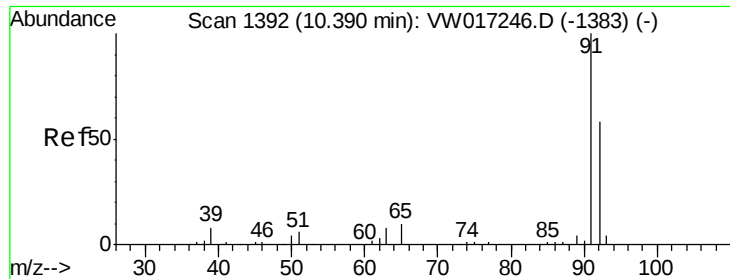
Tot Ion: 63 Resp: 16247
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.2 6.2#



#42
 cis-1,3-Dichloropropene
 Concen: 0.638 ug/L
 RT: 10.04 min Scan# 1335
 Delta R.T. -0.03 min
 Lab File: VW017251.D
 Acq: 16 Nov 2020 12:59

Tgt Ion: 75 Resp: 5034
 Ion Ratio Lower Upper
 75 100
 77 47.2 22.0 41.0#





#44

Toluene

Concen: 0.241 ug/L

RT: 10.40 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW017251.D

Acq: 16 Nov 2020 12:59

Instrument :

MSVOA_W

ClientSampleId :

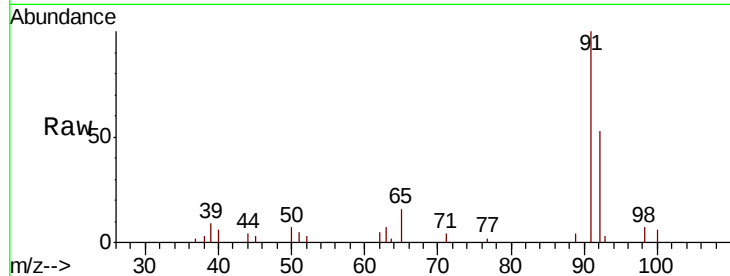
GB0Z4

Tot Ion: 91 Resp: 5661

Ion Ratio Lower Upper

91 100

92 53.3 41.4 76.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

10.40

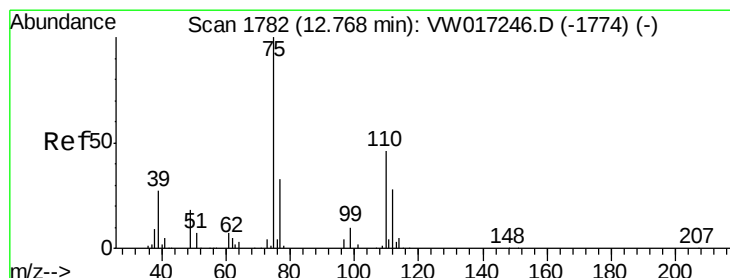
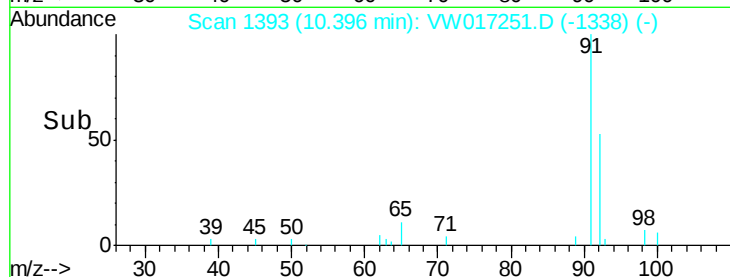
3000

2000

1000

0

Time-->



#59

1,2,3-Trichloropropane

Concen: 5.833 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017251.D

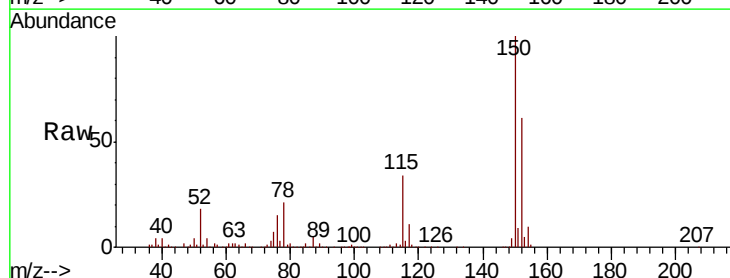
Acq: 16 Nov 2020 12:59

Tgt Ion: 75 Resp: 20806

Ion Ratio Lower Upper

75 100

77 38.9 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

15000

10000

5000

0

Time-->

