

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072320\
 Data File : VW015921.D
 Acq On : 23 Jul 2020 15:05
 Operator : SY/VA
 Sample : L3395-07
 Misc : 5.49G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 24 07:02:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 24 06:59:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	523239	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	463129	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	177759	25.00	ug/L	0.00

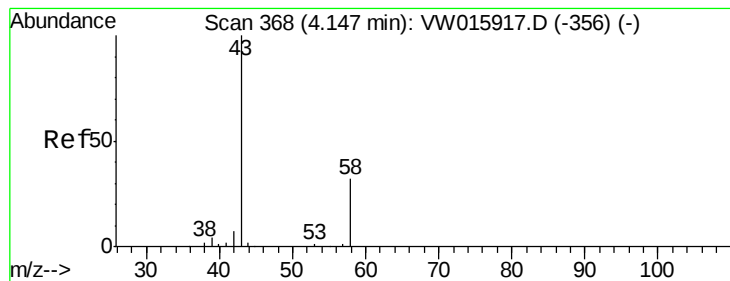
System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	156891	21.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.00%
7) Chloroethane-d5	2.90	69	123839	20.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.60%
10) 1,1-Dichloroethene-d2	4.01	63	234542	15.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.84%
20) 2-Butanone-d5	7.09	46	81399	41.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.94%
24) Chloroform-d	7.65	84	294192	20.02	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.08%
26) 1,2-Dichloroethane-d4	8.31	65	165171	20.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.88%
29) Benzene-d6	8.27	84	597672	21.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.80%
33) 1,2-Dichloropropane-d6	9.28	67	181479	21.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.88%
37) Toluene-d8	10.33	98	530863	20.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.16%
38) trans-1,3-Dichloropropene-	10.58	79	73949	20.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.12%
39) 2-Hexanone-d5	10.93	63	62060	44.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	139075	21.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	149178	21.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.08%

Target Compounds

					Ovalue
13) Acetone	4.14	43	19581	12.022	ug/L 97
14) Carbon disulfide	4.38	76	27245	1.283	ug/L 96
34) Benzene	8.32	78	16609	0.590	ug/L 100
42) cis-1,3-Dichloropropene	10.04	75	5074	0.478	ug/L 84
44) Toluene	10.39	91	34250	1.161	ug/L 97
53) Ethylbenzene	11.73	91	13018	0.392	ug/L 97
54) m,p-Xylene	11.85	106	4559	0.367	ug/L 86
55) o-xylene	12.16	106	5199	0.445	ug/L 98
59) 1,2,3-Trichloropropane	13.56	75	21736	4.930	ug/L 91

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



#13

Acetone

Concen: 12.022 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW015921.D

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Instrument :

MSVOA_W

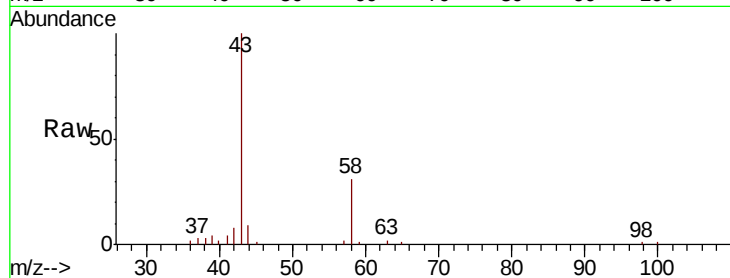
ClientSampleId :

Tot Ion: 43 Resp: 19581

Ion Ratio Lower Upper

43 100

58 30.5 0.0 58.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

8000

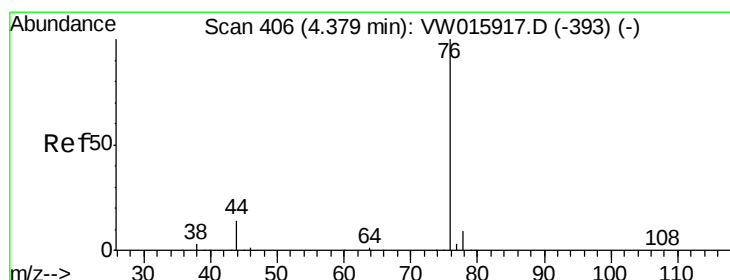
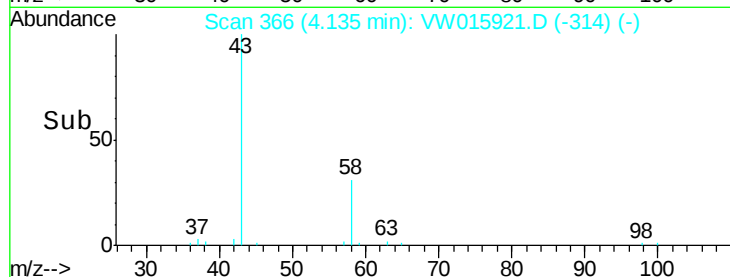
6000

4000

2000

0

Time--> 4.00 4.10 4.20



#14

Carbon disulfide

Concen: 1.283 ug/L

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW015921.D

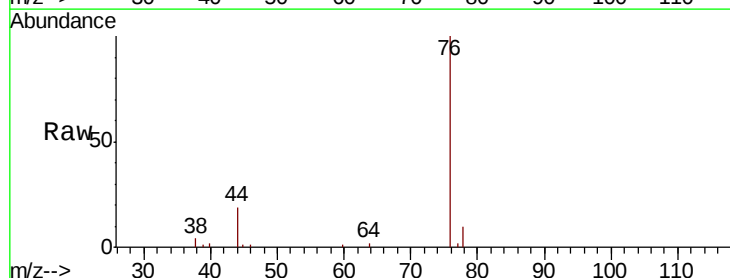
Acq: 23 Jul 2020 15:05

Tgt Ion: 76 Resp: 27245

Ion Ratio Lower Upper

76 100

78 10.3 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

4.38

10000

8000

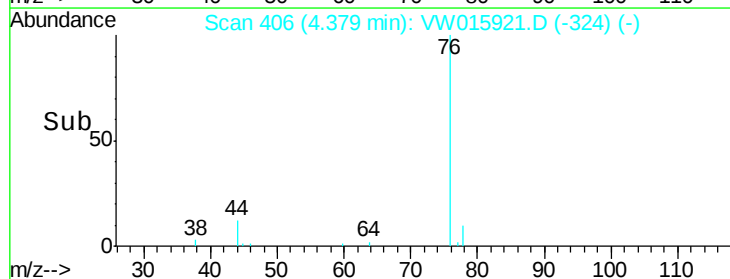
6000

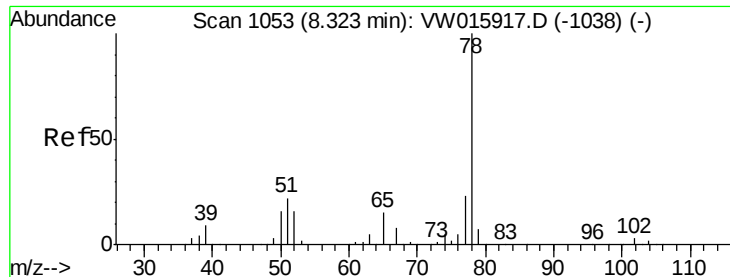
4000

2000

0

Time--> 4.30 4.40 4.50





#34

Benzene

Concen: 0.590 ug/L

RT: 8.32 min Scan# 1053

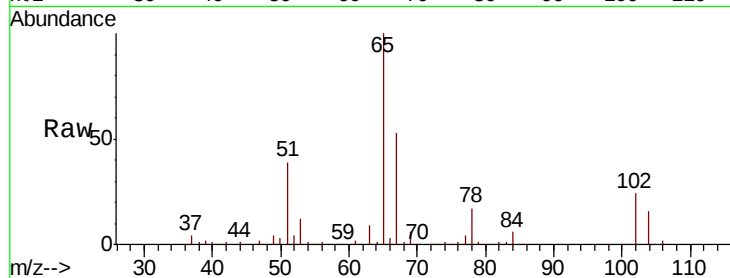
Delta R.T. -0.00 min

Lab File: VW015921.D

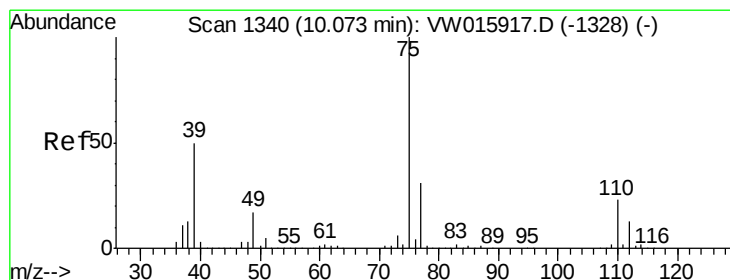
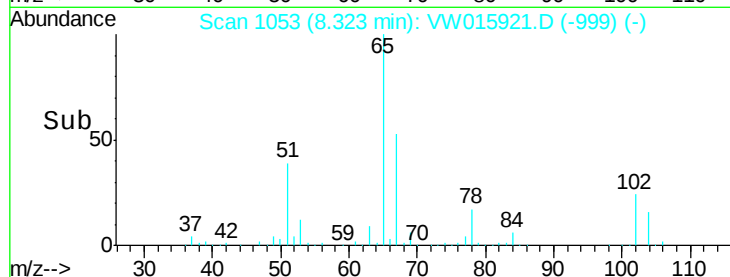
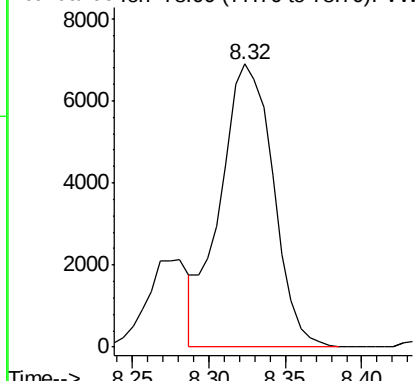
Acq: 23 Jul 2020 15:05

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 78 Resp: 16609



Abundance Ion 78.00 (77.70 to 78.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.478 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015921.D

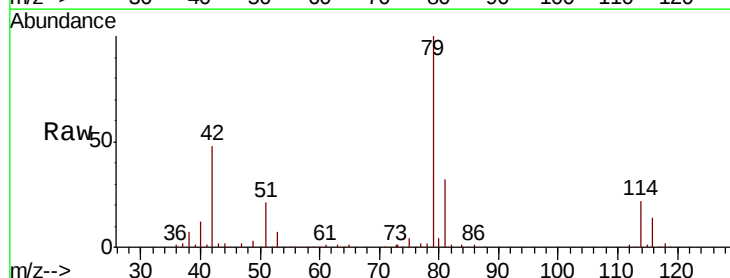
Acq: 23 Jul 2020 15:05

Tgt Ion: 75 Resp: 5074

Ion Ratio Lower Upper

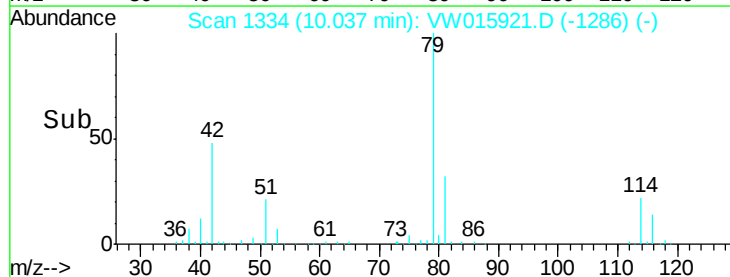
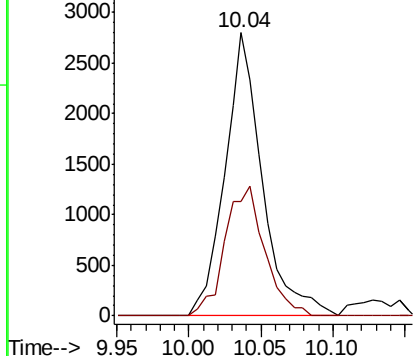
75 100

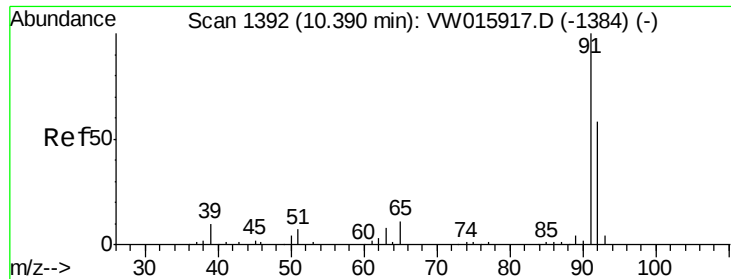
77 40.6 22.2 41.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#44

Toluene

Concen: 1.161 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW015921.D

Acq: 23 Jul 2020 15:05

Instrument :

MSVOA_W

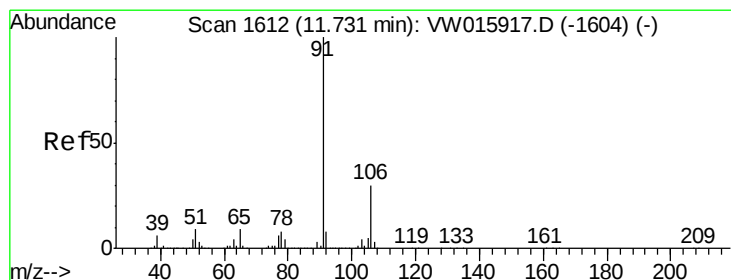
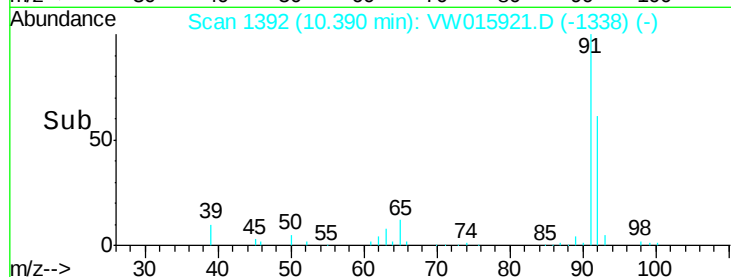
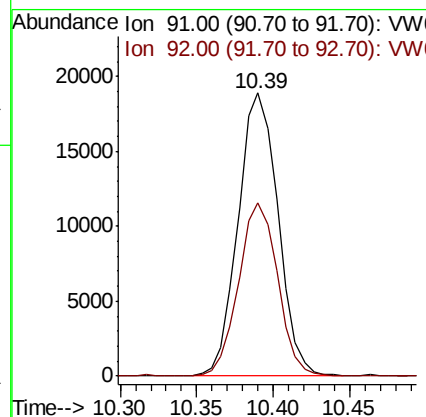
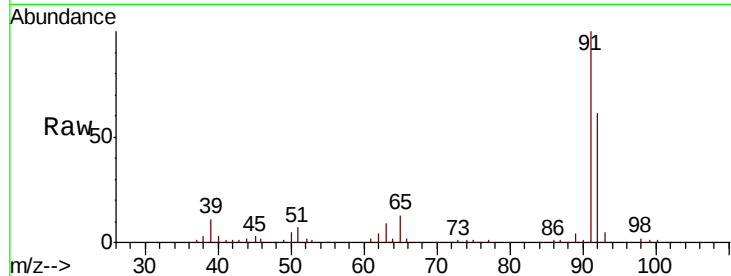
ClientSampleId :

Tot Ion: 91 Resp: 34250

Ion Ratio Lower Upper

91 100

92 61.3 41.2 76.4



#53

Ethylbenzene

Concen: 0.392 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW015921.D

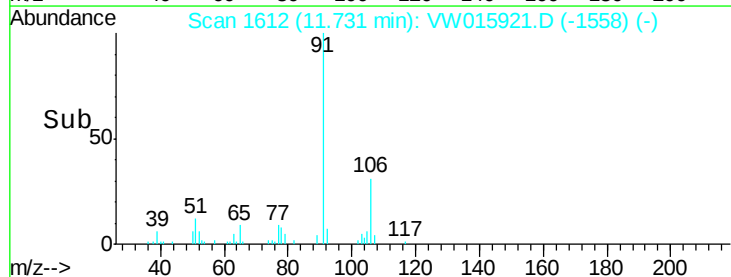
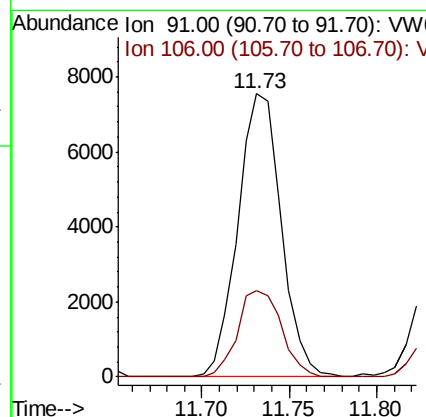
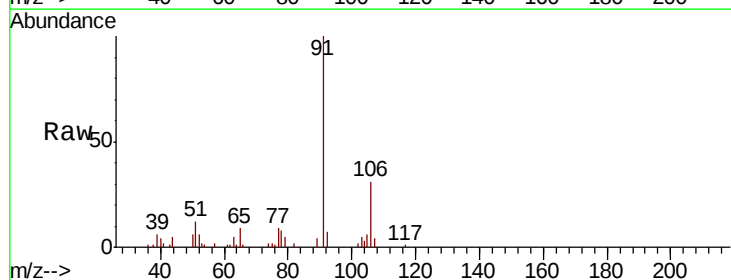
Acq: 23 Jul 2020 15:05

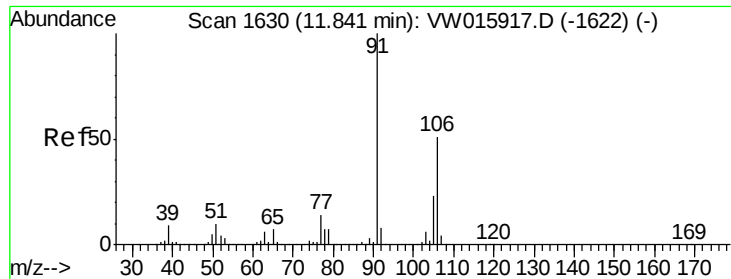
Tgt Ion: 91 Resp: 13018

Ion Ratio Lower Upper

91 100

106 30.6 22.4 41.6





#54

m,p-Xylene

Concen: 0.367 ug/L

RT: 11.85 min Scan# 1631

Delta R.T. 0.01 min

Lab File: VW015921.D

Acq: 23 Jul 2020 15:05

Instrument :

MSVOA_W

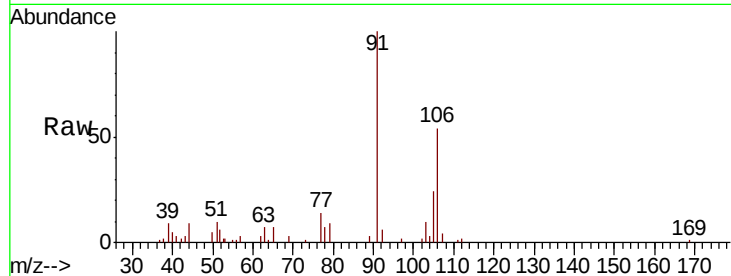
ClientSampled :

Tot Ion:106 Resp: 4559

Ion Ratio Lower Upper

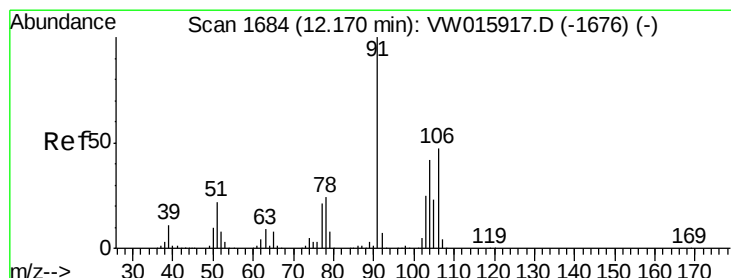
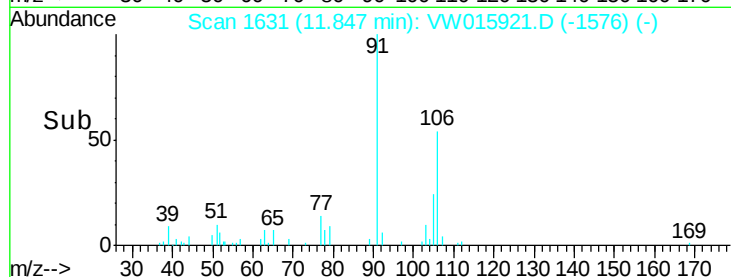
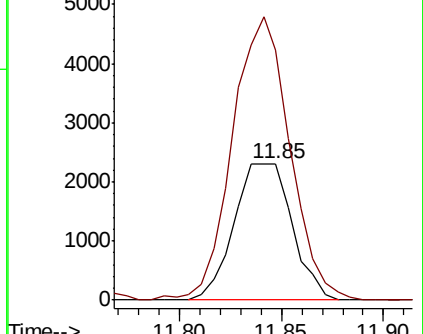
106 100

91 183.9 144.1 267.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 0.445 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. -0.01 min

Lab File: VW015921.D

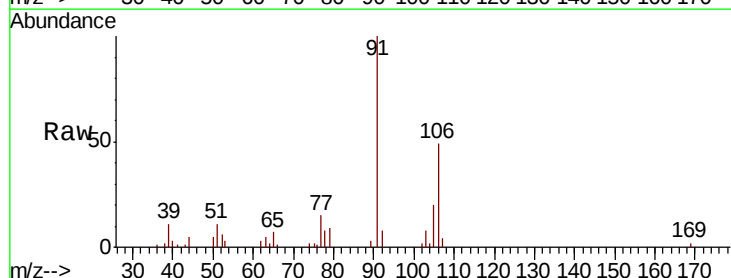
Acq: 23 Jul 2020 15:05

Tgt Ion:106 Resp: 5199

Ion Ratio Lower Upper

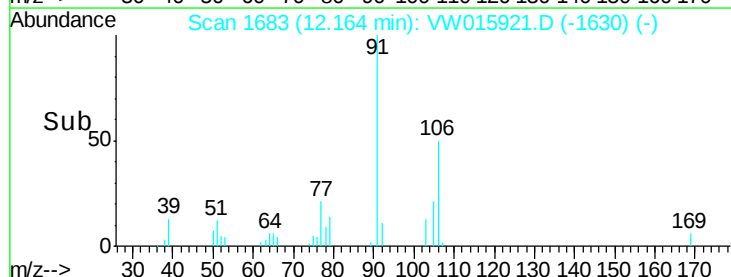
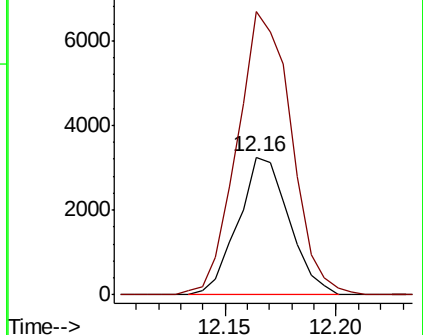
106 100

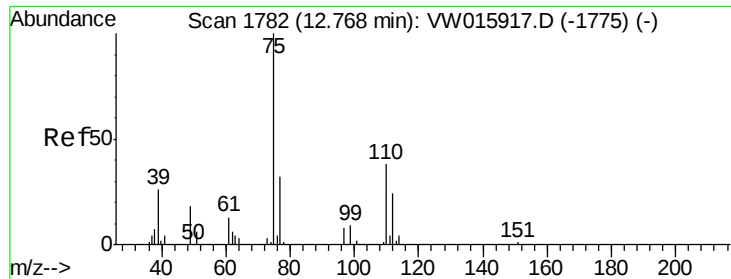
91 205.9 146.8 272.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#59

1,2,3-Trichloropropane

Concen: 4.930 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW015921.D

Acq: 23 Jul 2020 15:05

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 21736

Ion Ratio Lower Upper

75 100

77 37.7 26.0 39.0

