

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081220\
 Data File : VW016166.D
 Acq On : 12 Aug 2020 17:24
 Operator : SY/VA
 Sample : L3628-07MSD
 Misc : 5.94G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAYB1MSD

Quant Time: Aug 13 02:56:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 13 01:23:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	439465	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	401651	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	163821	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	102830	18.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.48%
7) Chloroethane-d5	2.89	69	76970	18.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.44%
10) 1,1-Dichloroethene-d2	4.01	63	229339	19.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.28%
20) 2-Butanone-d5	7.08	46	69298	48.34	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.68%
24) Chloroform-d	7.65	84	243356	20.63	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.52%
26) 1,2-Dichloroethane-d4	8.31	65	130315	20.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.20%
29) Benzene-d6	8.27	84	473461	21.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.68%
33) 1,2-Dichloropropane-d6	9.27	67	141248	21.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.92%
37) Toluene-d8	10.32	98	435848	21.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.00%
38) trans-1,3-Dichloropropene-	10.58	79	61724	21.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.48%
39) 2-Hexanone-d5	10.93	63	60004	54.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	131021	25.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	142945	24.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.48%

Target Compounds

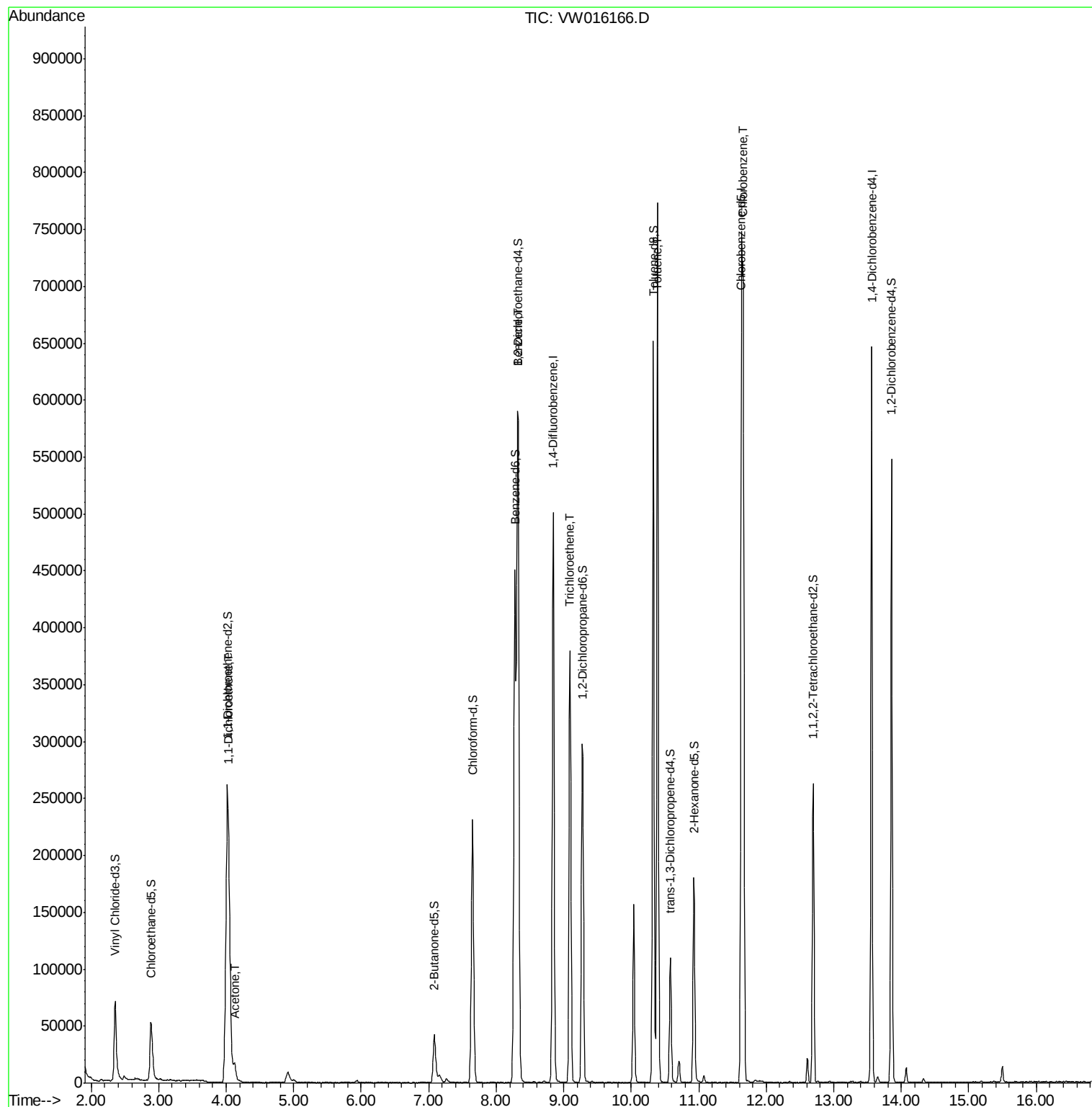
					Ovalue
12) 1,1-Dichloroethene	4.04	96	111381	19.747 ug/L	94
13) Acetone	4.13	43	22189	20.459 ug/L	95
34) Benzene	8.32	78	520566	22.475 ug/L	100
35) Trichloroethene	9.09	95	135663	21.783 ug/L	98
44) Toluene	10.39	91	569082	23.275 ug/L	100
52) Chlorobenzene	11.66	112	363980	22.499 ug/L	98

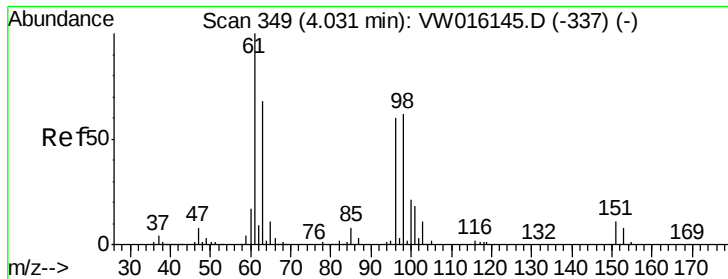
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 13 01:23:48 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 19.747 ug/L

RT: 4.04 min Scan# 350

Delta R.T. 0.01 min

Lab File: VW016166.D

Acq: 12 Aug 2020 17:24

Instrument :

MSVOA_W

ClientSampleId :

GAYB1MSD

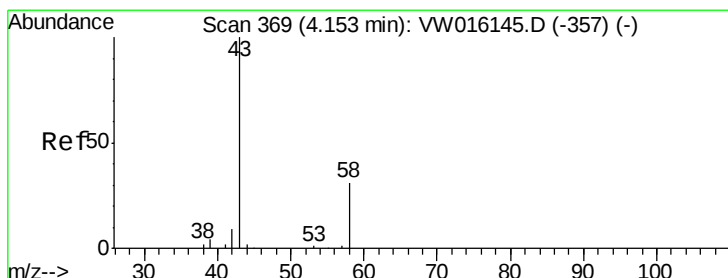
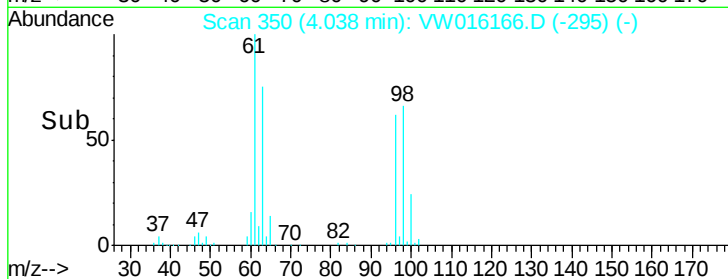
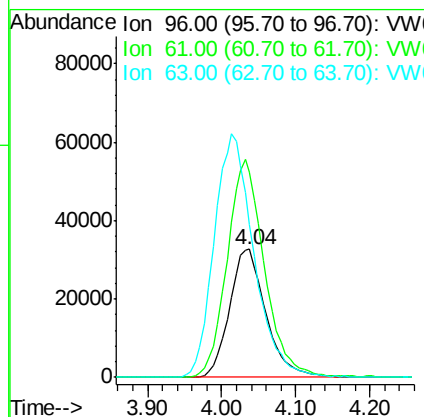
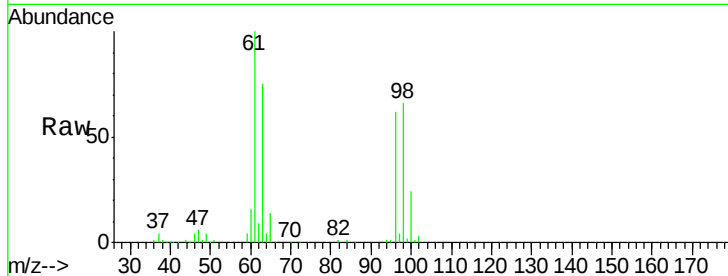
Tot Ion: 96 Resp: 111381

Ion Ratio Lower Upper

96 100

61 160.6 120.2 223.2

63 119.9 86.4 160.4



#13

Acetone

Concen: 20.459 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

Lab File: VW016166.D

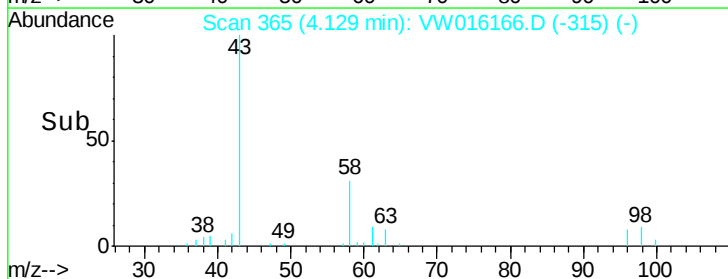
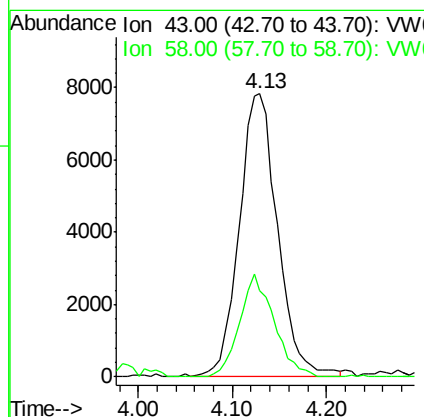
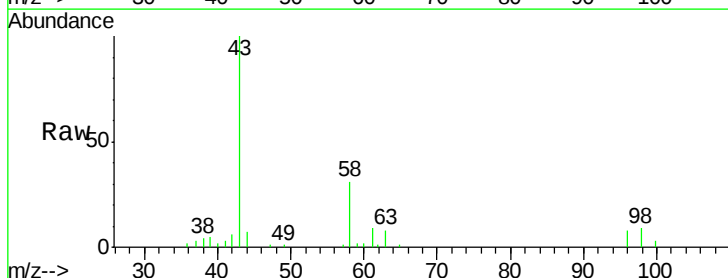
Acq: 12 Aug 2020 17:24

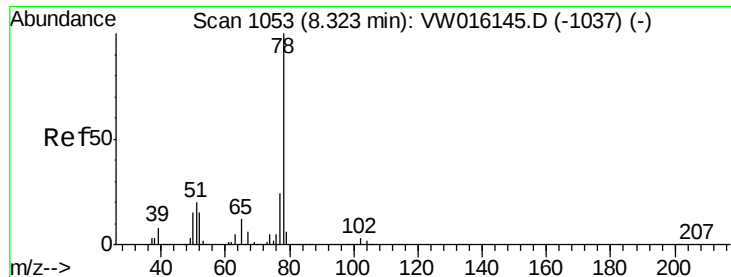
Tgt Ion: 43 Resp: 22189

Ion Ratio Lower Upper

43 100

58 32.6 0.0 59.4





#34

Benzene

Concen: 22.475 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW016166.D

Acq: 12 Aug 2020 17:24

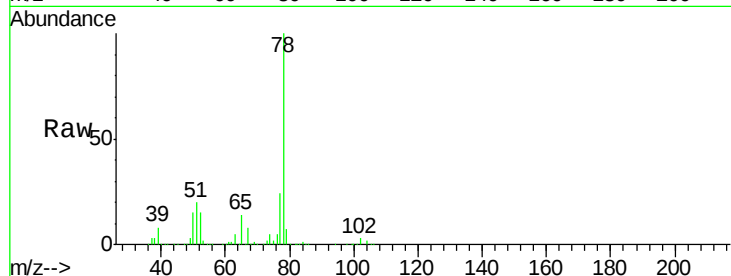
Instrument :

MSVOA_W

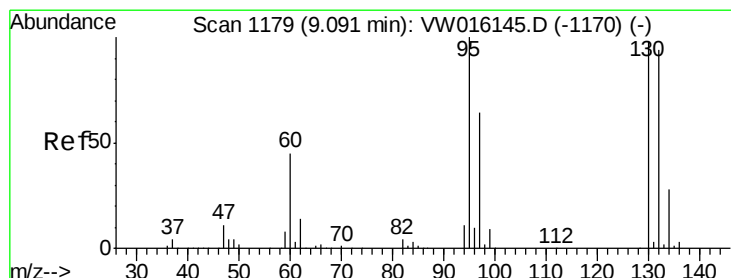
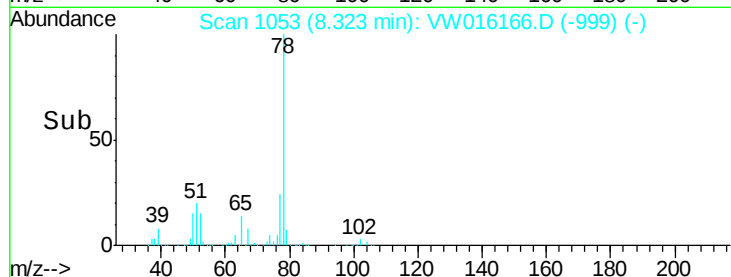
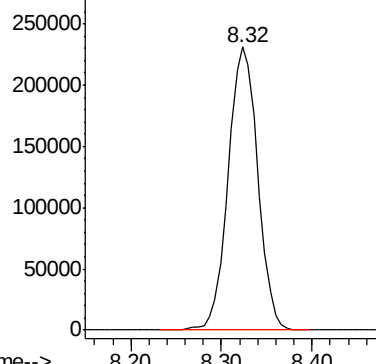
ClientSampleId :

GAYB1MSD

Tgt Ion: 78 Resp: 520566



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 21.783 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW016166.D

Acq: 12 Aug 2020 17:24

Tgt Ion: 95 Resp: 135663

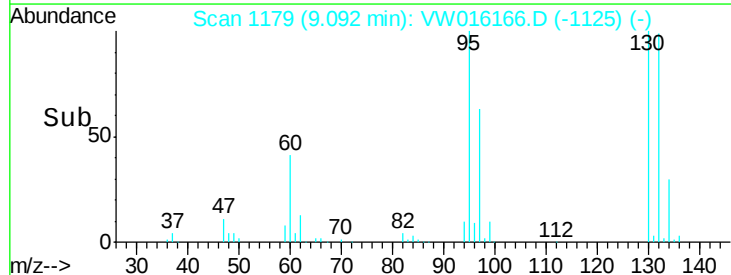
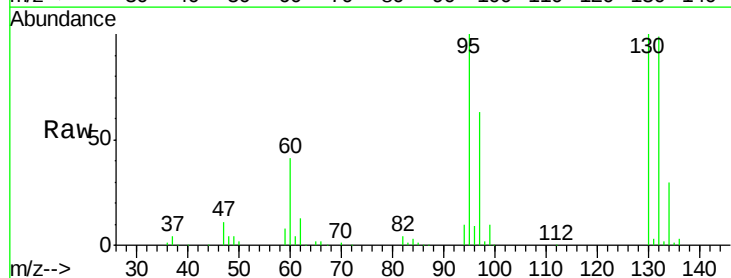
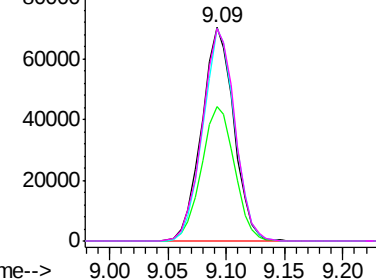
Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.9	83.3
132	97.6	65.8	122.2
130	100.8	69.5	129.1

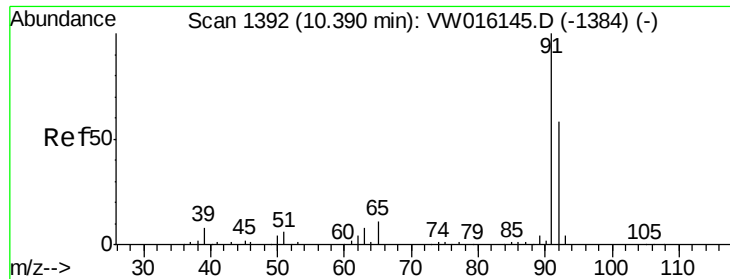
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#44

Toluene

Concen: 23.275 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW016166.D

Acq: 12 Aug 2020 17:24

Instrument :

MSVOA_W

ClientSampleId :

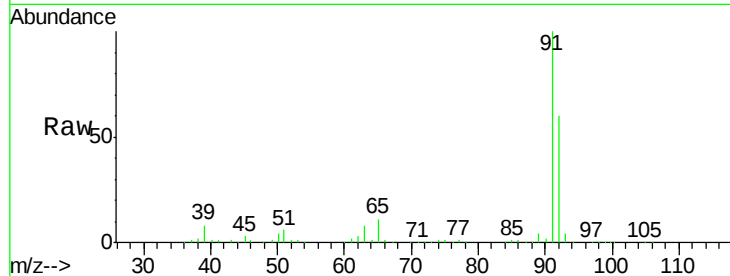
GAYB1MSD

Tot Ion: 91 Resp: 569082

Ion Ratio Lower Upper

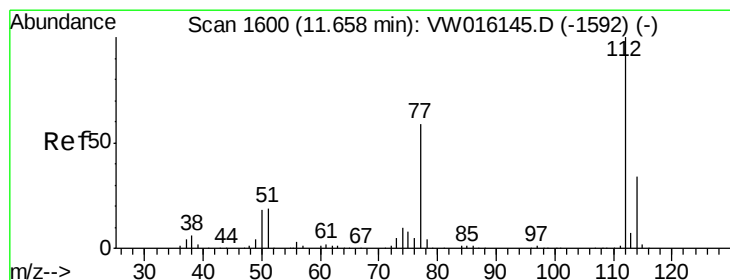
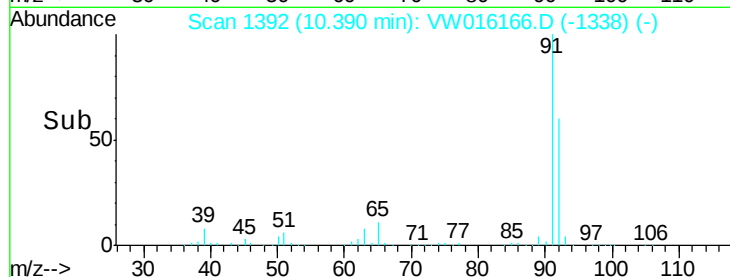
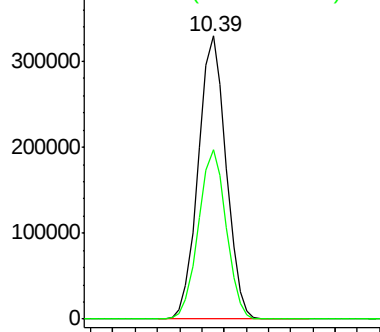
91 100

92 59.7 41.8 77.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW



#52

Chlorobenzene

Concen: 22.499 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW016166.D

Acq: 12 Aug 2020 17:24

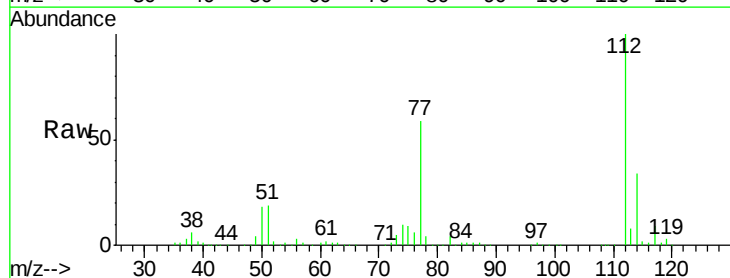
Tgt Ion: 112 Resp: 363980

Ion Ratio Lower Upper

112 100

77 58.7 49.1 73.7

114 33.6 23.5 43.7



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 77.00 (76.70 to 77.70): VW

Ion 114.00 (113.70 to 114.70): V

