

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052720\
 Data File : VW015499.D
 Acq On : 27 May 2020 13:14
 Operator : SY/VA
 Sample : L2755-08MSD
 Misc : 11.46G/10.0mL/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAXD2MSD

Quant Time: May 28 02:45:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 28 01:49:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	315312	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	227056	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	57718	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	93550	32.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	129.52%
7) Chloroethane-d5	2.90	69	90522	31.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	126.00%
10) 1,1-Dichloroethene-d2	4.02	63	179058	25.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.72%
20) 2-Butanone-d5	7.08	46	63815	67.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.28%#
24) Chloroform-d	7.65	84	200257	27.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.84%
26) 1,2-Dichloroethane-d4	8.31	65	122262	30.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	120.56%
29) Benzene-d6	8.27	84	386641	34.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	138.88%#
33) 1,2-Dichloropropane-d6	9.27	67	120976	35.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	143.00%#
37) Toluene-d8	10.32	98	320266	29.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	118.32%
38) trans-1,3-Dichloropropene-	10.58	79	42946	27.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.72%
39) 2-Hexanone-d5	10.93	63	49862	85.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	170.22%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	81958	32.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	128.68%#
61) 1,2-Dichlorobenzene-d4	13.85	152	52797	27.30	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.20%

Target Compounds

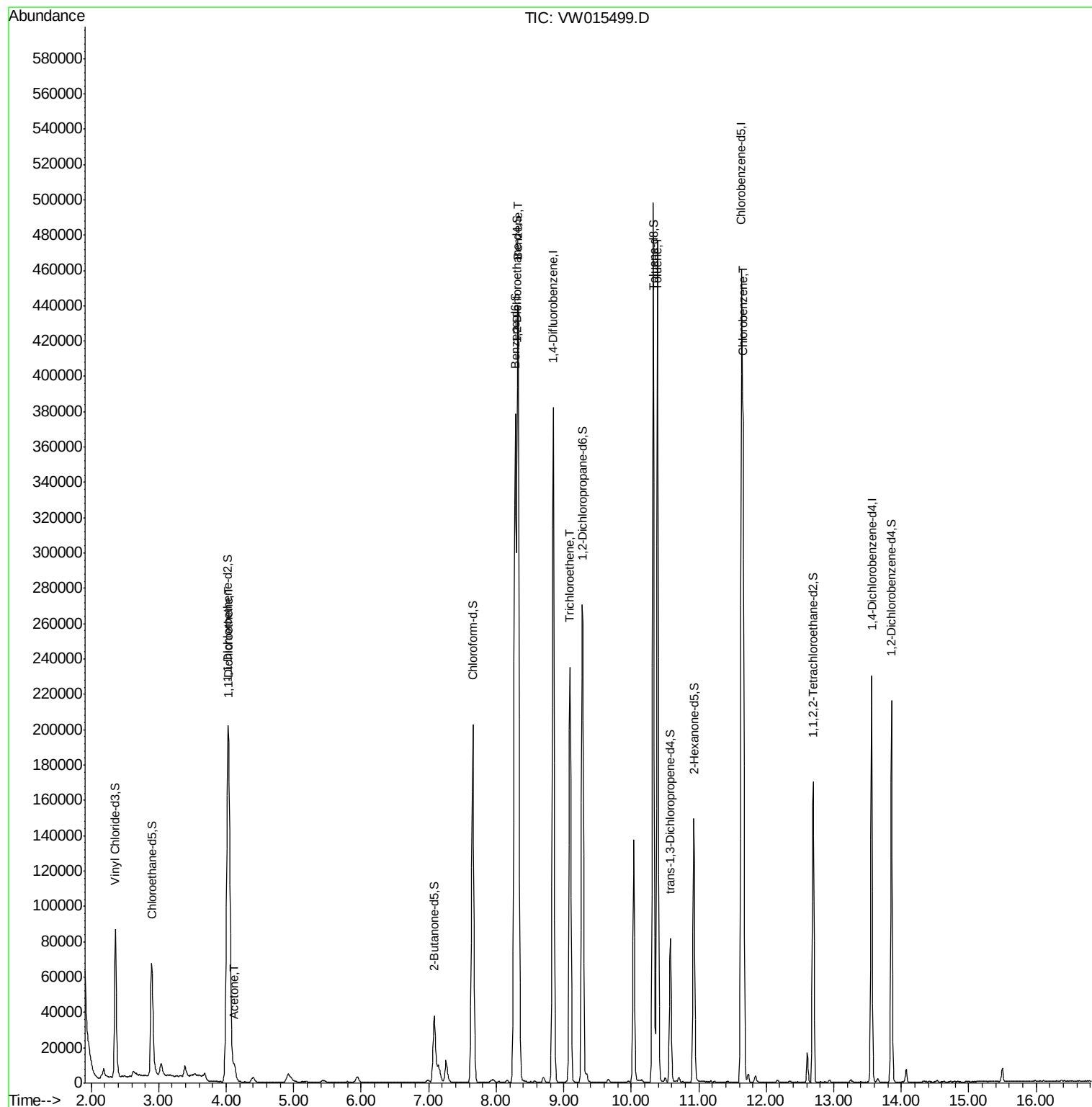
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	73805	19.630	ug/L	96
13) Acetone	4.12	43	12168	16.684	ug/L	74
34) Benzene	8.32	78	352238	27.740	ug/L	100
35) Trichloroethene	9.09	95	81188	23.803	ug/L	99
44) Toluene	10.39	91	334445	24.176	ug/L	99
52) Chlorobenzene	11.66	112	175835	20.264	ug/L	97

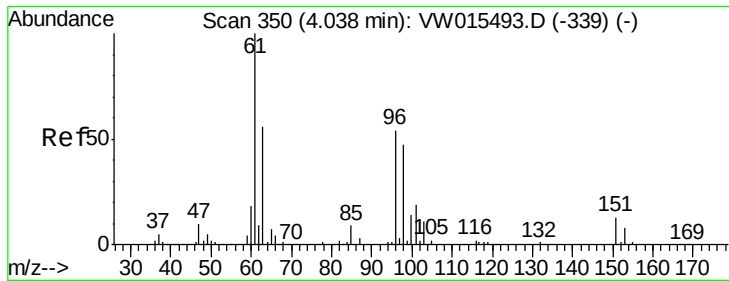
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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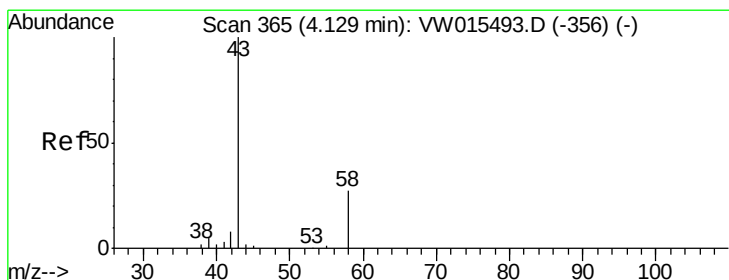
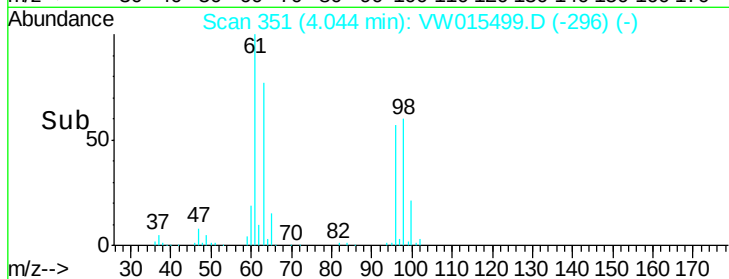
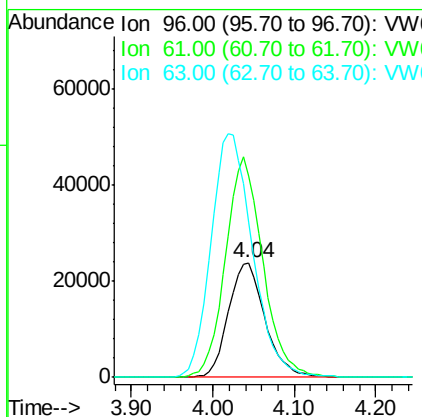
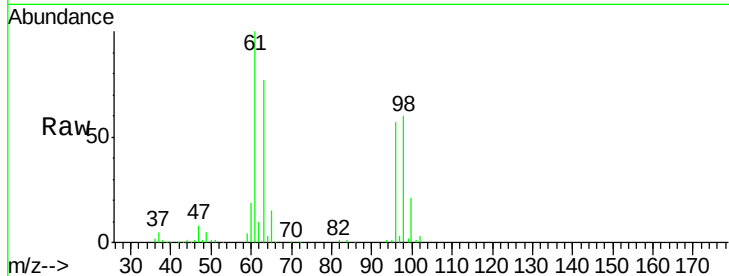




#12
 1,1-Dichloroethene
 Concen: 19.630 ug/L
 RT: 4.04 min Scan# 351
 Delta R.T. 0.01 min
 Lab File: VW015499.D
 Acq: 27 May 2020 13:14

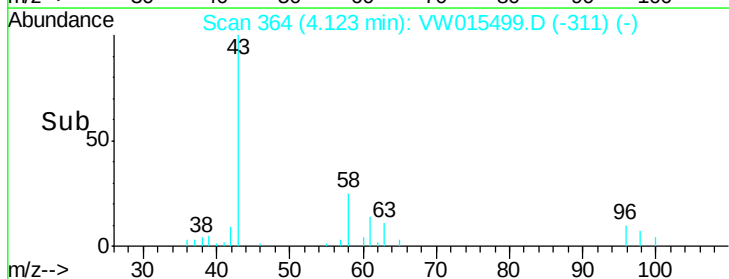
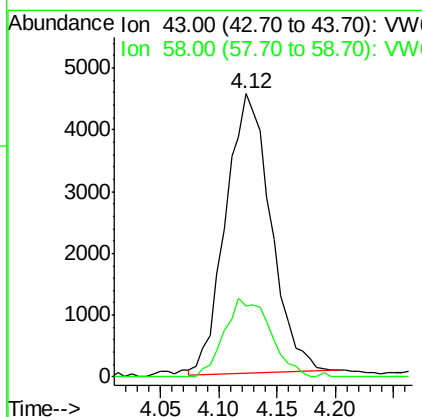
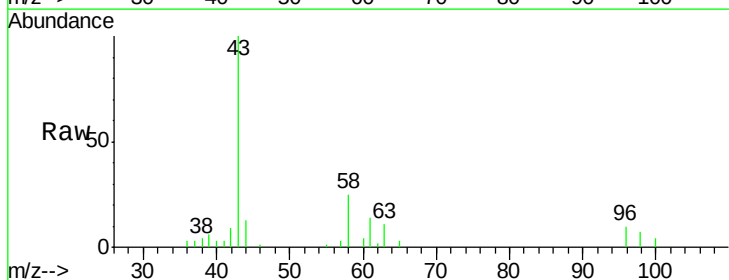
Instrument :
 MSVOA_W
 ClientSampleId :
 GAXD2MSD

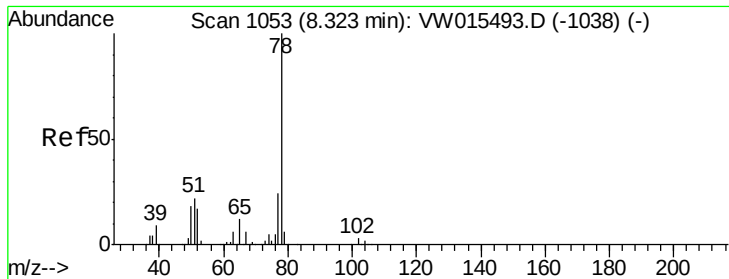
Tot Ion: 96 Resp: 73805
 Ion Ratio Lower Upper
 96 100
 61 176.1 127.7 237.1
 63 135.6 92.3 171.5



#13
 Acetone
 Concen: 16.684 ug/L
 RT: 4.12 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VW015499.D
 Acq: 27 May 2020 13:14

Tgt Ion: 43 Resp: 12168
 Ion Ratio Lower Upper
 43 100
 58 14.6 0.0 56.8





#34

Benzene

Concen: 27.740 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW015499.D

Acq: 27 May 2020 13:14

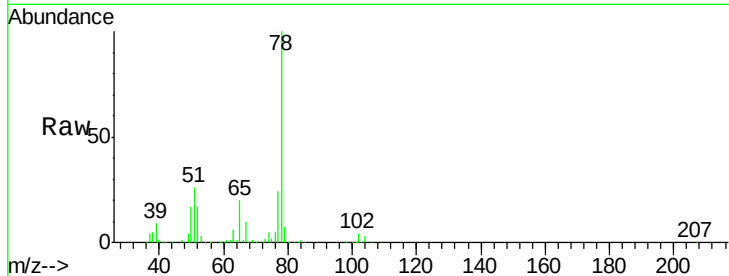
Instrument :

MSVOA_W

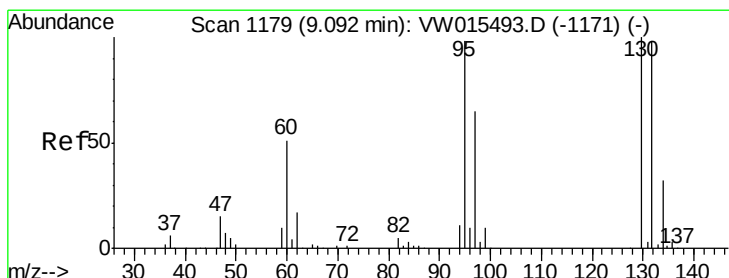
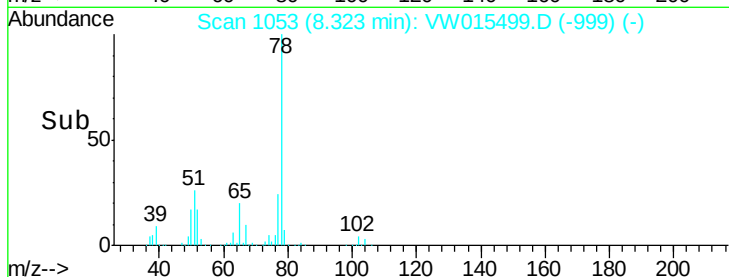
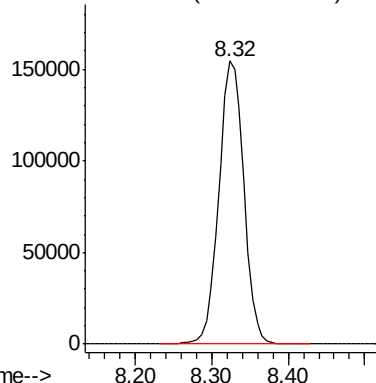
ClientSampleId :

GAXD2MSD

Tgt Ion: 78 Resp: 352238



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 23.803 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW015499.D

Acq: 27 May 2020 13:14

Tgt Ion: 95 Resp: 81188

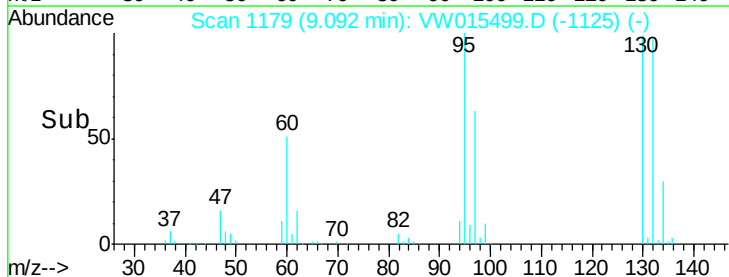
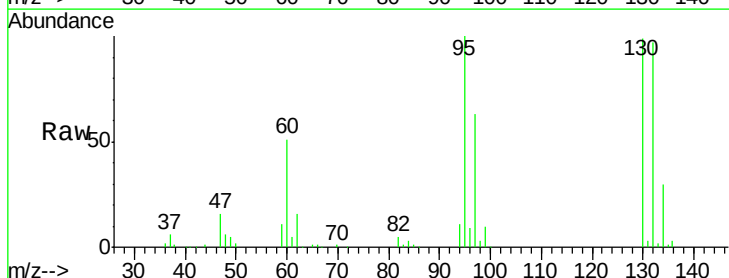
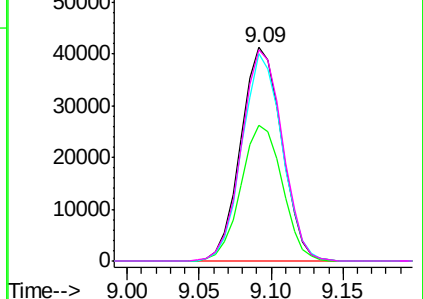
Ion	Ratio	Lower	Upper
95	100		
97	64.2	45.4	84.2
132	95.0	67.1	124.7
130	99.2	69.4	128.8

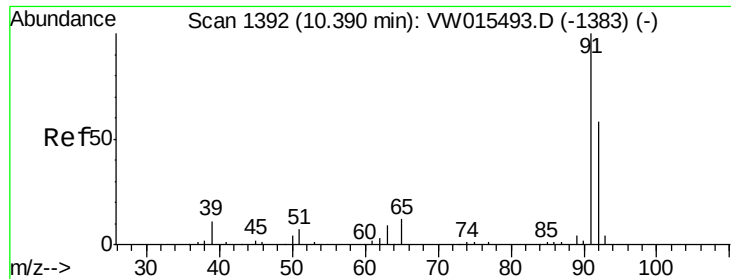
Abundance Ion 95.00 (94.70 to 95.70): VW

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: 24.176 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW015499.D

Acq: 27 May 2020 13:14

Instrument :

MSVOA_W

ClientSampleId :

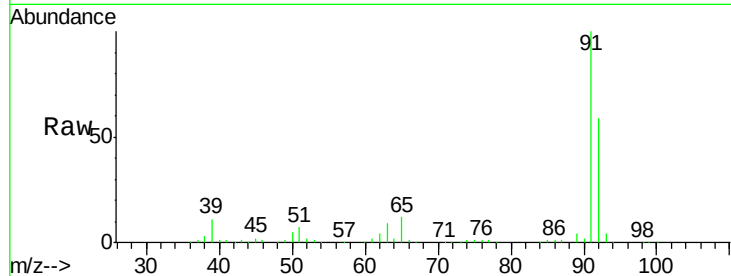
GAXD2MSD

Tot Ion: 91 Resp: 334445

Ion Ratio Lower Upper

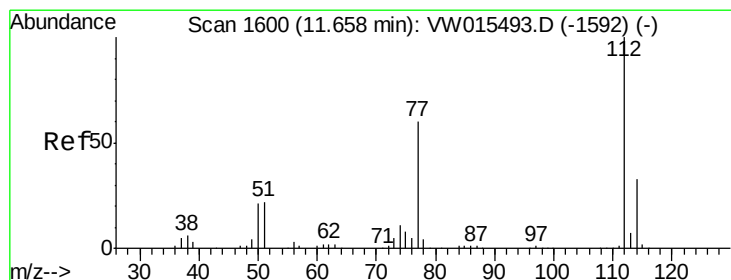
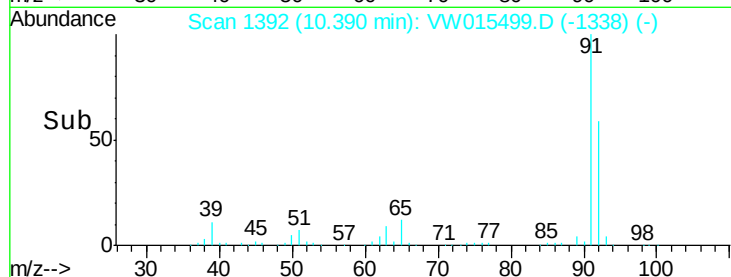
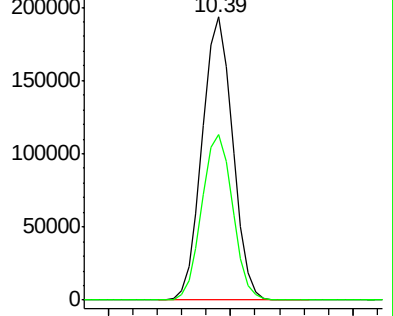
91 100

92 58.5 41.7 77.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW



#52

Chlorobenzene

Concen: 20.264 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW015499.D

Acq: 27 May 2020 13:14

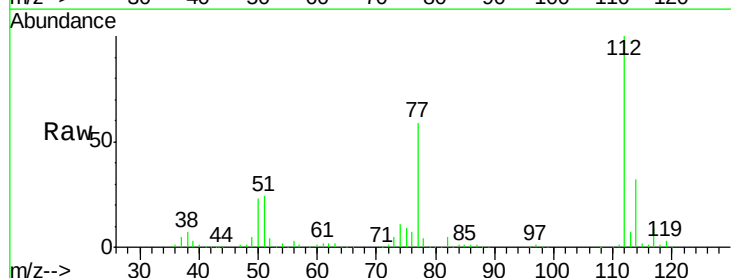
Tgt Ion: 112 Resp: 175835

Ion Ratio Lower Upper

112 100

77 59.2 49.7 74.5

114 31.7 21.8 40.6



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

