

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052620\
 Data File : VW015478.D
 Acq On : 26 May 2020 18:02
 Operator : SY/VA
 Sample : L2754-06MSD
 Misc : 9.43G/10.0mL/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAX94MSD

Quant Time: May 27 02:57:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 27 01:05:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	360086	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	328633	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	150732	25.00	ug/L	0.00

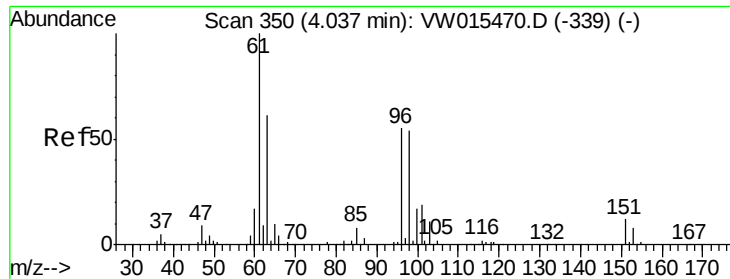
System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	100766	30.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	122.16%
7) Chloroethane-d5	2.89	69	94773	28.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.52%
10) 1,1-Dichloroethene-d2	4.02	63	204736	25.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.84%
20) 2-Butanone-d5	7.08	46	58123	53.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.90%
24) Chloroform-d	7.65	84	217437	26.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.44%
26) 1,2-Dichloroethane-d4	8.31	65	129494	27.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.80%
29) Benzene-d6	8.27	84	436366	27.08	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.32%
33) 1,2-Dichloropropane-d6	9.27	67	132596	27.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.28%
37) Toluene-d8	10.32	98	415027	26.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.96%
38) trans-1,3-Dichloropropene-	10.58	79	60024	26.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.96%
39) 2-Hexanone-d5	10.93	63	51834	61.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	100835	27.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	139091	27.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.16%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	4.04	96	87240	20.319 ug/L	93
13) Acetone	4.12	43	6420	7.708 ug/L	98
34) Benzene	8.32	78	425985	23.179 ug/L	100
35) Trichloroethene	9.09	95	109068	22.094 ug/L	100
44) Toluene	10.39	91	462744	23.111 ug/L	99
52) Chlorobenzene	11.66	112	289687	23.066 ug/L	99

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



#12

1,1-Dichloroethene

Concen: 20.319 ug/L

RT: 4.04 min Scan# 350

Delta R.T. 0.00 min

Lab File: VW015478.D

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MSVOA_W

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GAX94MSD

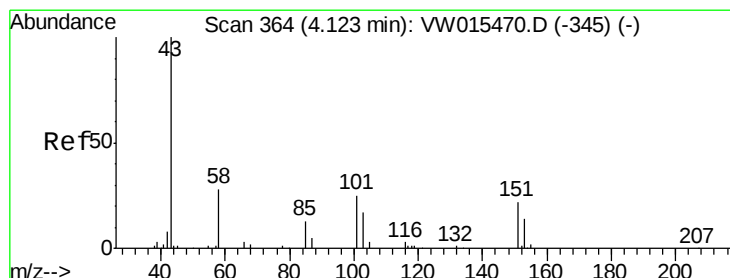
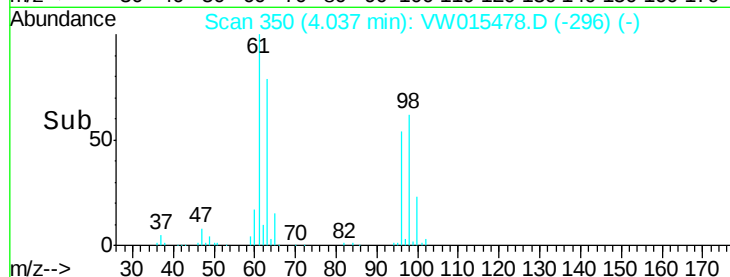
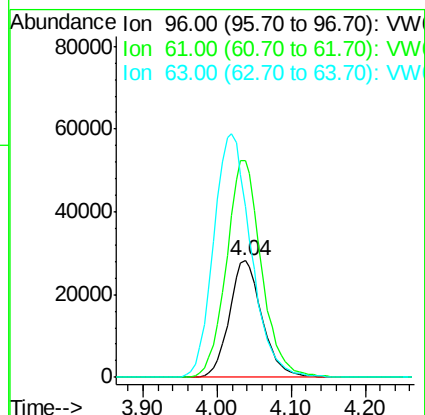
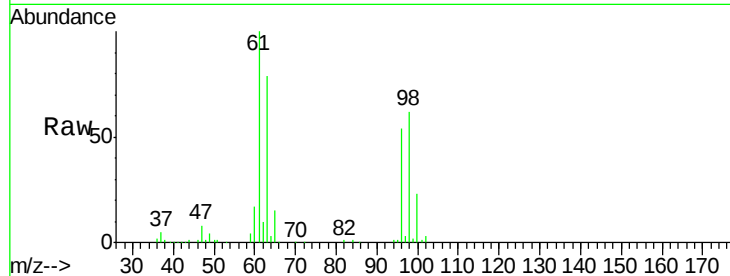
Tot Ion: 96 Resp: 87240

Ion Ratio Lower Upper

96 100

61 186.1 127.7 237.1

63 146.3 92.3 171.5



#13

Acetone

Concen: 7.708 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW015478.D

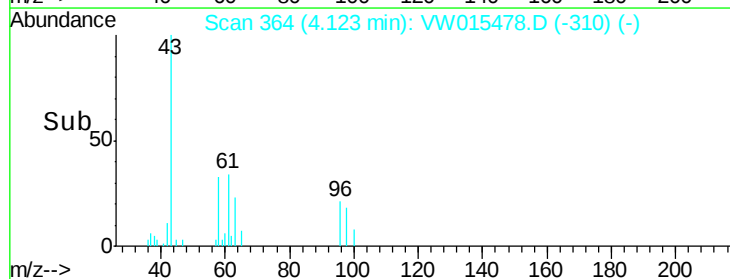
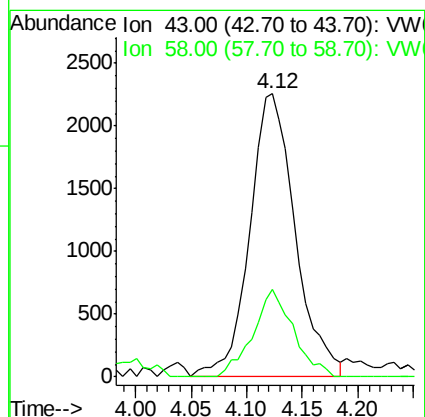
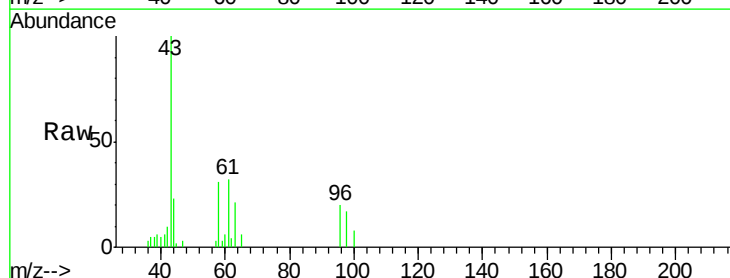
Acq: 26 May 2020 18:02

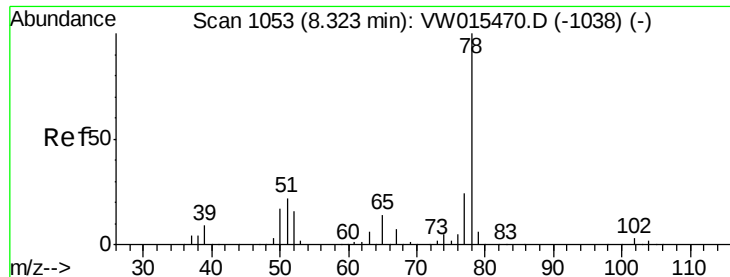
Tgt Ion: 43 Resp: 6420

Ion Ratio Lower Upper

43 100

58 27.5 0.0 56.8





#34

Benzene

Concen: 23.179 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW015478.D

Acq: 26 May 2020 18:02

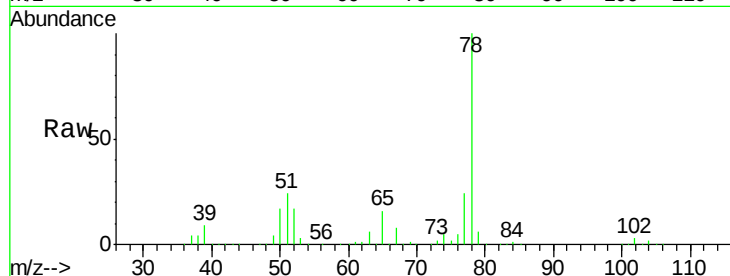
Instrument :

MSVOA_W

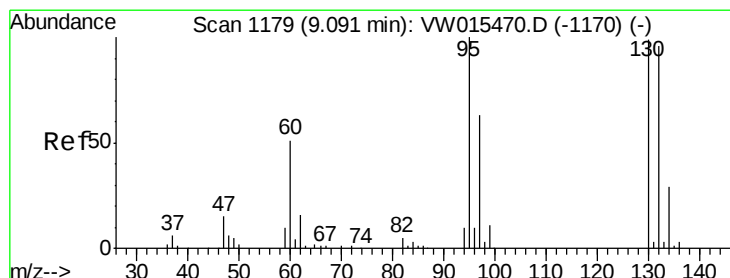
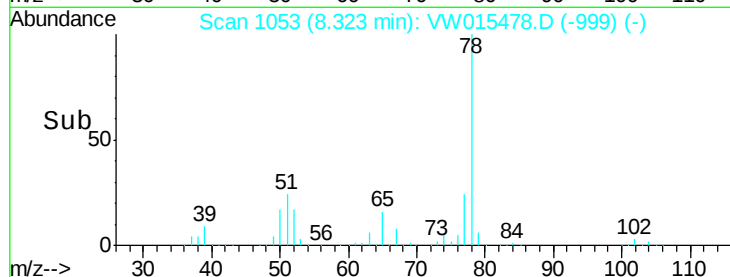
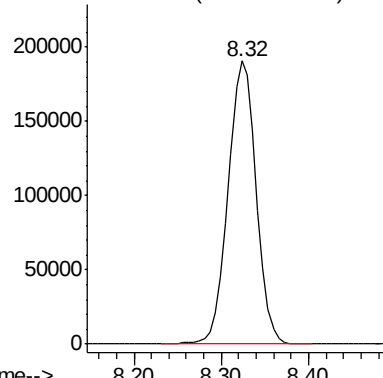
ClientSampleId :

GAX94MSD

Tgt Ion: 78 Resp: 425985



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 22.094 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW015478.D

Acq: 26 May 2020 18:02

Tgt Ion: 95 Resp: 109068

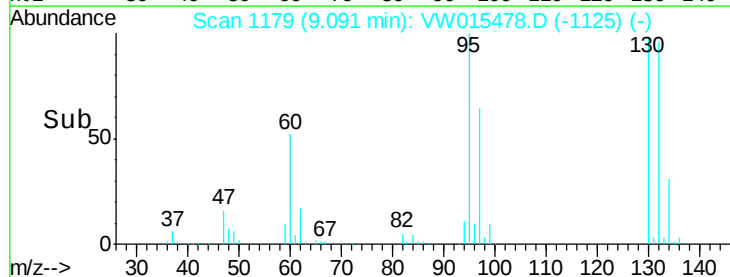
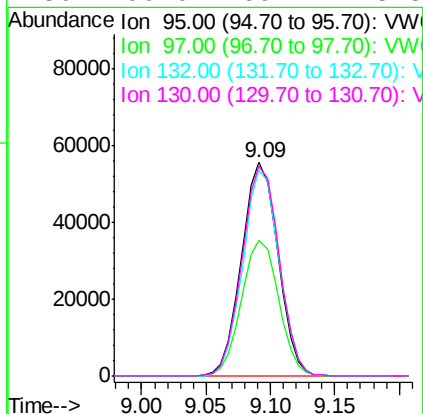
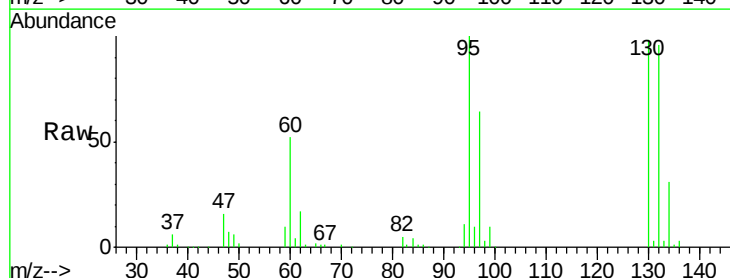
Ion	Ratio	Lower	Upper
95	100		
97	64.8	45.4	84.2
132	96.0	67.1	124.7
130	100.0	69.4	128.8

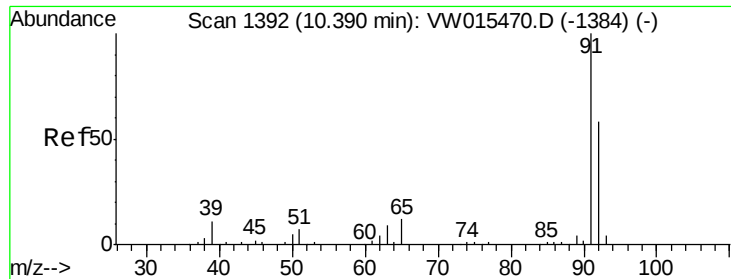
Abundance Ion 95.00 (94.70 to 95.70): VW

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: 23.111 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW015478.D

Acq: 26 May 2020 18:02

Instrument :

MSVOA_W

ClientSampleId :

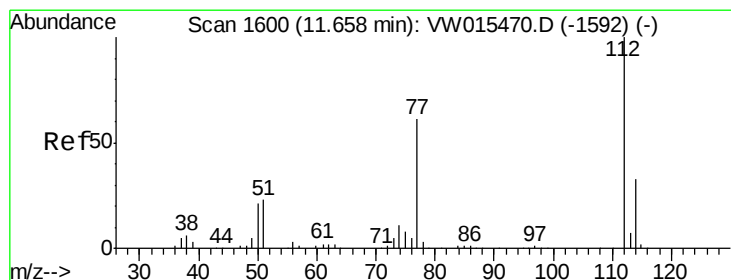
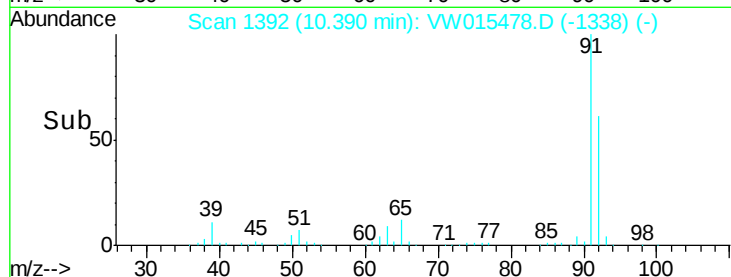
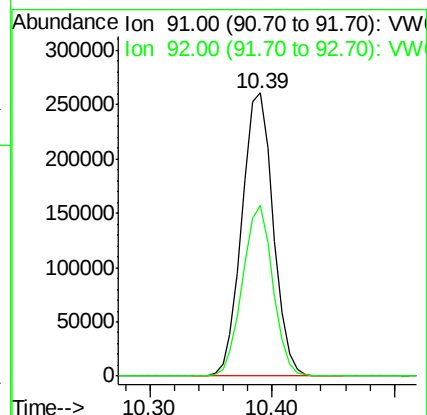
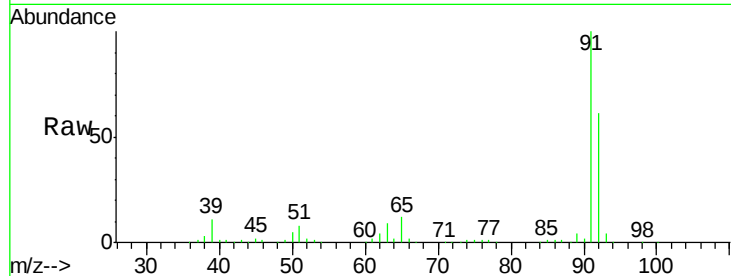
GAX94MSD

Tot Ion: 91 Resp: 462744

Ion Ratio Lower Upper

91 100

92 60.5 41.7 77.5



#52

Chlorobenzene

Concen: 23.066 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW015478.D

Acq: 26 May 2020 18:02

Tgt Ion: 112 Resp: 289687

Ion Ratio Lower Upper

112 100

77 60.9 49.7 74.5

114 31.0 21.8 40.6

