

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052220\
 Data File : VW015460.D
 Acq On : 22 May 2020 18:36
 Operator : SY/VA
 Sample : L2753-08MS
 Misc : 6.87G/10.0mL/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAXE8MS

Quant Time: May 23 06:00:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050420S.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 23 03:53:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	303252	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	274500	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	114998	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	55098	14.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.08%
7) Chloroethane-d5	2.89	69	61575	16.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.32%
10) 1,1-Dichloroethene-d2	4.02	63	146498	18.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.96%
20) 2-Butanone-d5	7.08	46	61904	61.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.16%
24) Chloroform-d	7.65	84	173299	22.63	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.52%
26) 1,2-Dichloroethane-d4	8.31	65	107003	25.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.80%
29) Benzene-d6	8.27	84	328582	21.88	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.52%
33) 1,2-Dichloropropane-d6	9.27	67	106531	23.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.60%
37) Toluene-d8	10.32	98	311486	21.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.28%
38) trans-1,3-Dichloropropene-	10.58	79	47678	23.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.04%
39) 2-Hexanone-d5	10.93	63	52935	62.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	94158	27.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	95900	23.78	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.12%

Target Compounds

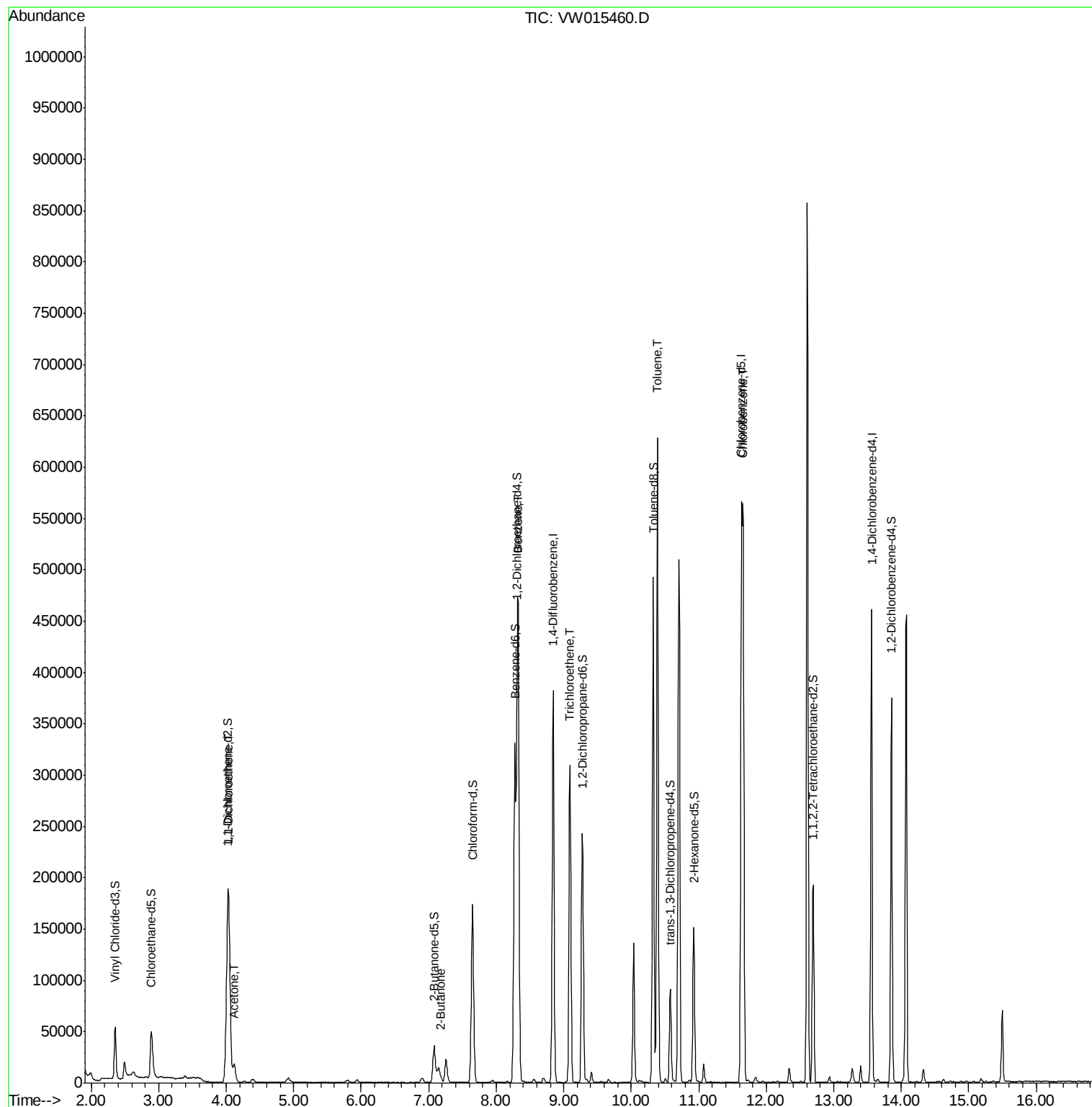
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	79791	21.937	ug/L	91
13) Acetone	4.12	43	27361	35.653	ug/L	99
21) 2-Butanone	7.18	43	5924	5.134	ug/L	98
34) Benzene	8.32	78	398478	24.813	ug/L	100
35) Trichloroethene	9.09	95	103637	24.082	ug/L	97
44) Toluene	10.39	91	443457	25.266	ug/L	100
52) Chlorobenzene	11.66	112	265855	24.009	ug/L	99

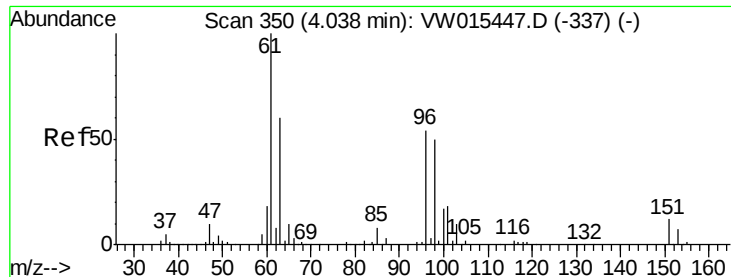
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat May 23 03:53:37 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 21.937 ug/L

RT: 4.04 min Scan# 350

Delta R.T. -0.00 min

Lab File: VW015460.D

Acq: 22 May 2020 18:36

Instrument :

MSVOA_W

ClientSampleId :

GAXE8MS

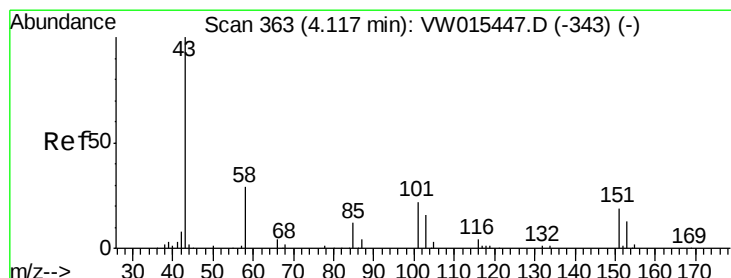
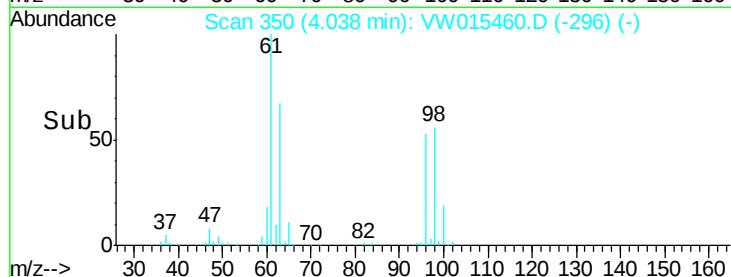
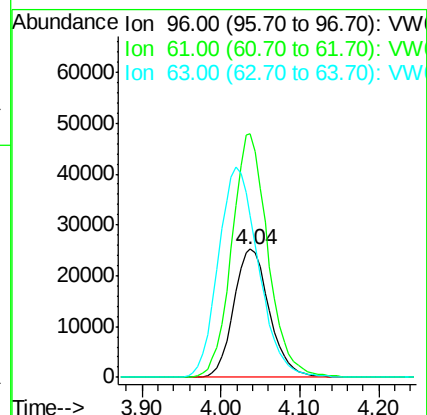
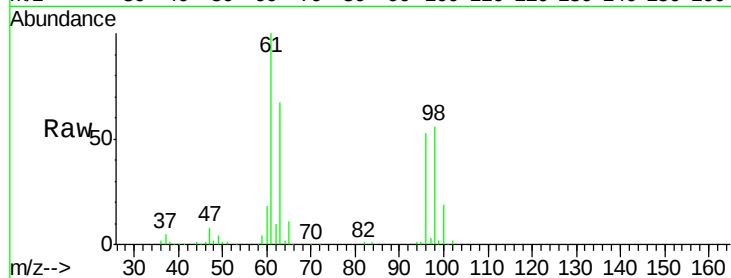
Tot Ion: 96 Resp: 79791

Ion Ratio Lower Upper

96 100

61 190.1 135.9 252.5

63 126.7 104.4 194.0



#13

Acetone

Concen: 35.653 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW015460.D

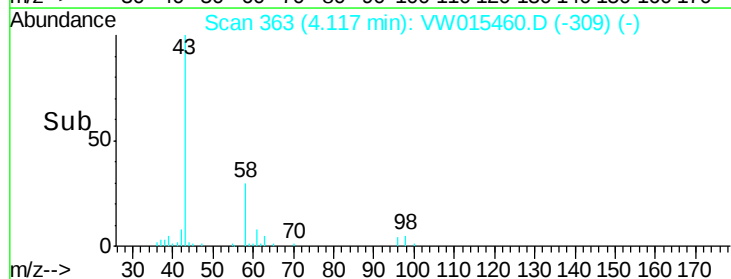
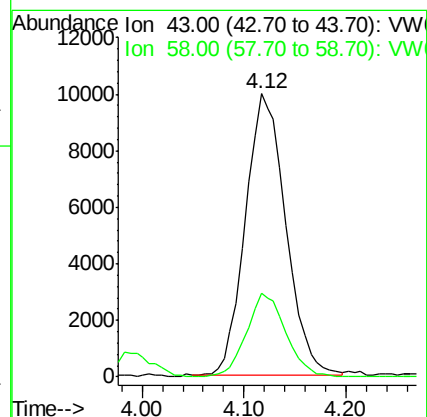
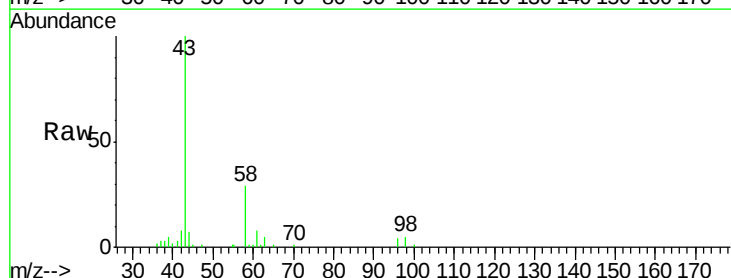
Acq: 22 May 2020 18:36

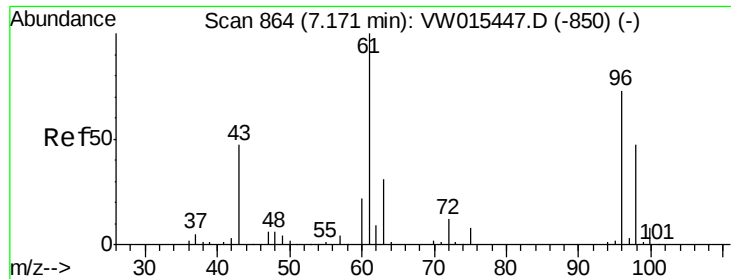
Tgt Ion: 43 Resp: 27361

Ion Ratio Lower Upper

43 100

58 29.0 0.0 57.0

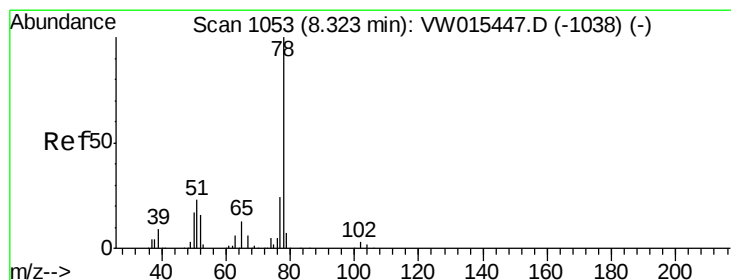
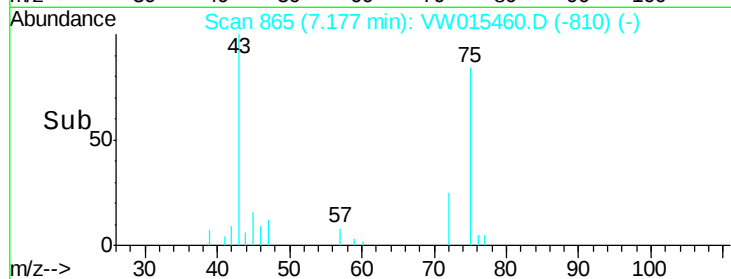
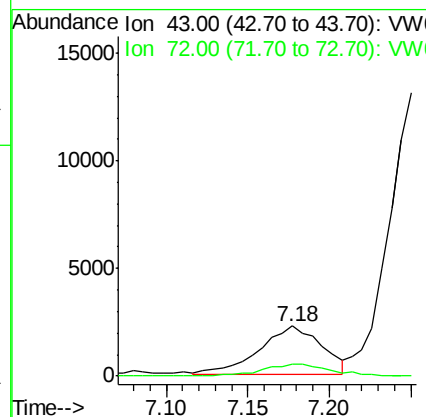
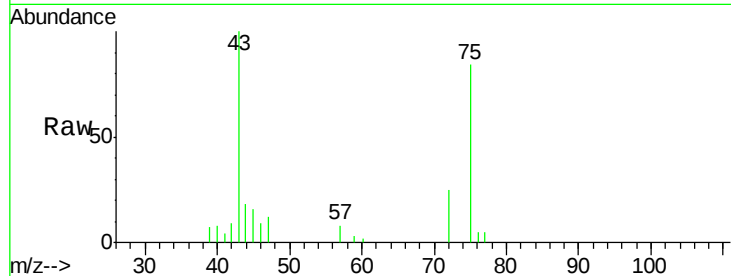




#21
 2-Butanone
 Concen: 5.134 ug/L
 RT: 7.18 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VW015460.D
 Acq: 22 May 2020 18:36

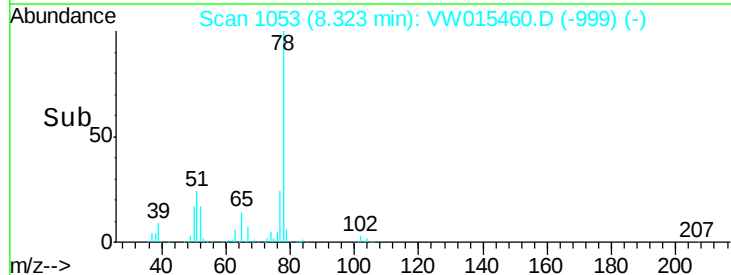
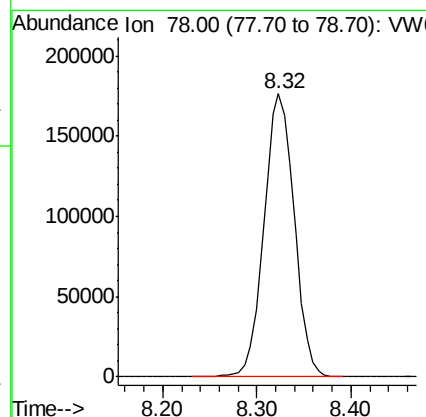
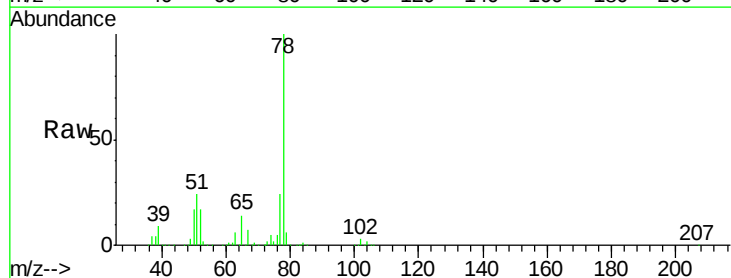
Instrument :
 MSVOA_W
 ClientSampled :
 GAXE8MS

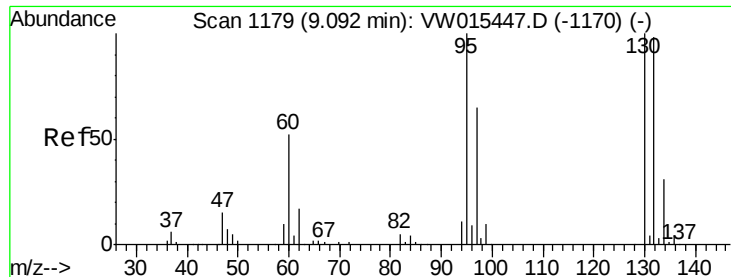
Tot Ion: 43 Resp: 5924
 Ion Ratio Lower Upper
 43 100
 72 26.3 13.6 40.8



#34
 Benzene
 Concen: 24.813 ug/L
 RT: 8.32 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VW015460.D
 Acq: 22 May 2020 18:36

Tgt Ion: 78 Resp: 398478





#35

Trichloroethene

Concen: 24.082 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW015460.D

Acq: 22 May 2020 18:36

Instrument :

MSVOA_W

ClientSampleId :

GAXE8MS

Tot Ion: 95 Resp: 103637

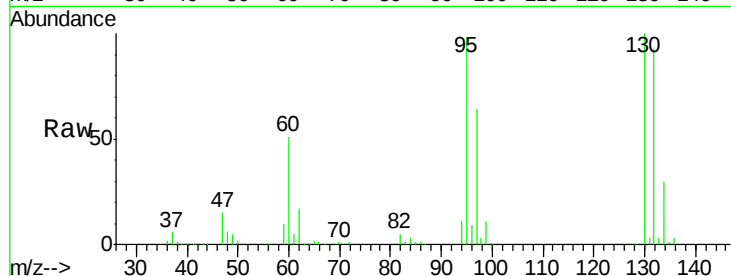
Ion Ratio Lower Upper

95 100

97 65.0 44.9 83.5

132 95.5 64.5 119.7

130 101.1 68.5 127.3



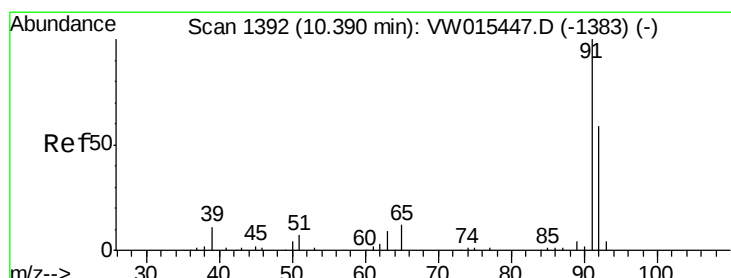
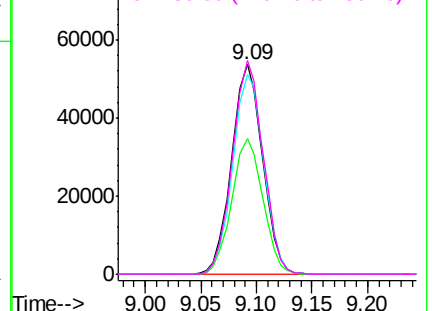
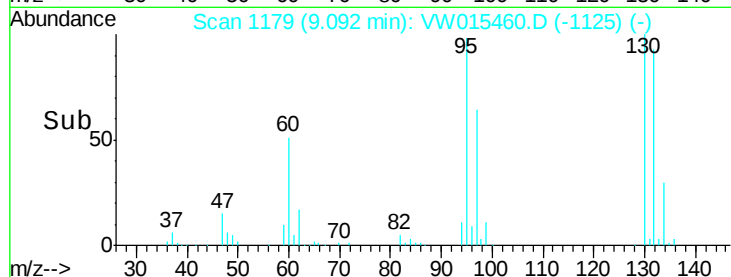
Abundance

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: 25.266 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW015460.D

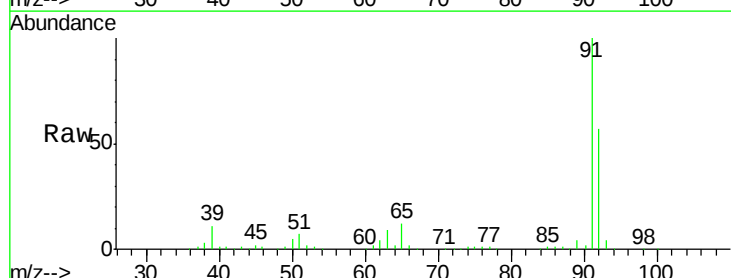
Acq: 22 May 2020 18:36

Tgt Ion: 91 Resp: 443457

Ion Ratio Lower Upper

91 100

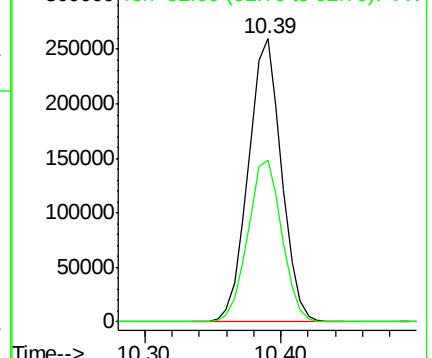
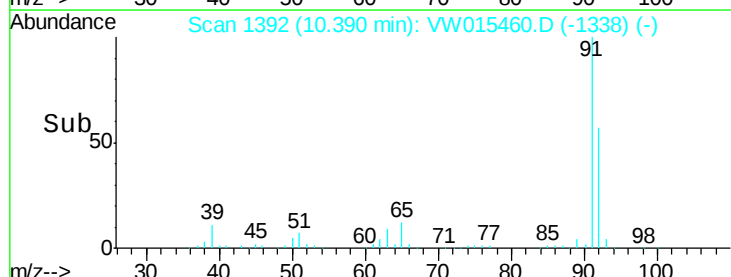
92 57.0 39.8 74.0

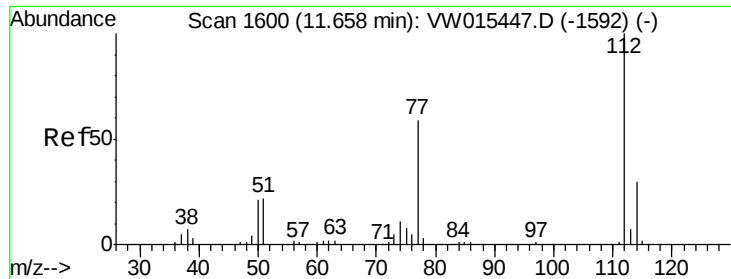


Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW





#52
 Chlorobenzene
 Concen: 24.009 ug/L
 RT: 11.66 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: VW015460.D
 Acq: 22 May 2020 18:36

Instrument :
 MSVOA_W
 ClientSampleId :
 GAXE8MS

Tot Ion	Ratio	Lower	Upper
112	100		
77	61.4	48.6	73.0
114	31.2	21.2	39.4

