

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111819\
 Data File : VW014058.D
 Acq On : 18 Nov 2019 13:01
 Operator : SY/VA
 Sample : K5855-03MSD
 Misc : 4.93G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQF3MSD

Quant Time: Nov 19 07:49:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 19 07:22:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	345487	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	292951	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	114105	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	103641	18.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.20%
7) Chloroethane-d5	2.89	69	94479	21.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.56%
10) 1,1-Dichloroethene-d2	4.03	63	227295	20.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.36%
20) 2-Butanone-d5	7.07	46	78654	49.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.24%
24) Chloroform-d	7.64	84	249909	23.53	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.12%
26) 1,2-Dichloroethane-d4	8.30	65	135805	25.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.72%
29) Benzene-d6	8.27	84	517372	24.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.56%
33) 1,2-Dichloropropane-d6	9.27	67	161535	26.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.12%
37) Toluene-d8	10.32	98	447264	22.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.76%
38) trans-1,3-Dichloropropene-	10.57	79	62931	24.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.52%
39) 2-Hexanone-d5	10.92	63	61842	53.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	108892	23.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	101748	22.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.76%

Target Compounds

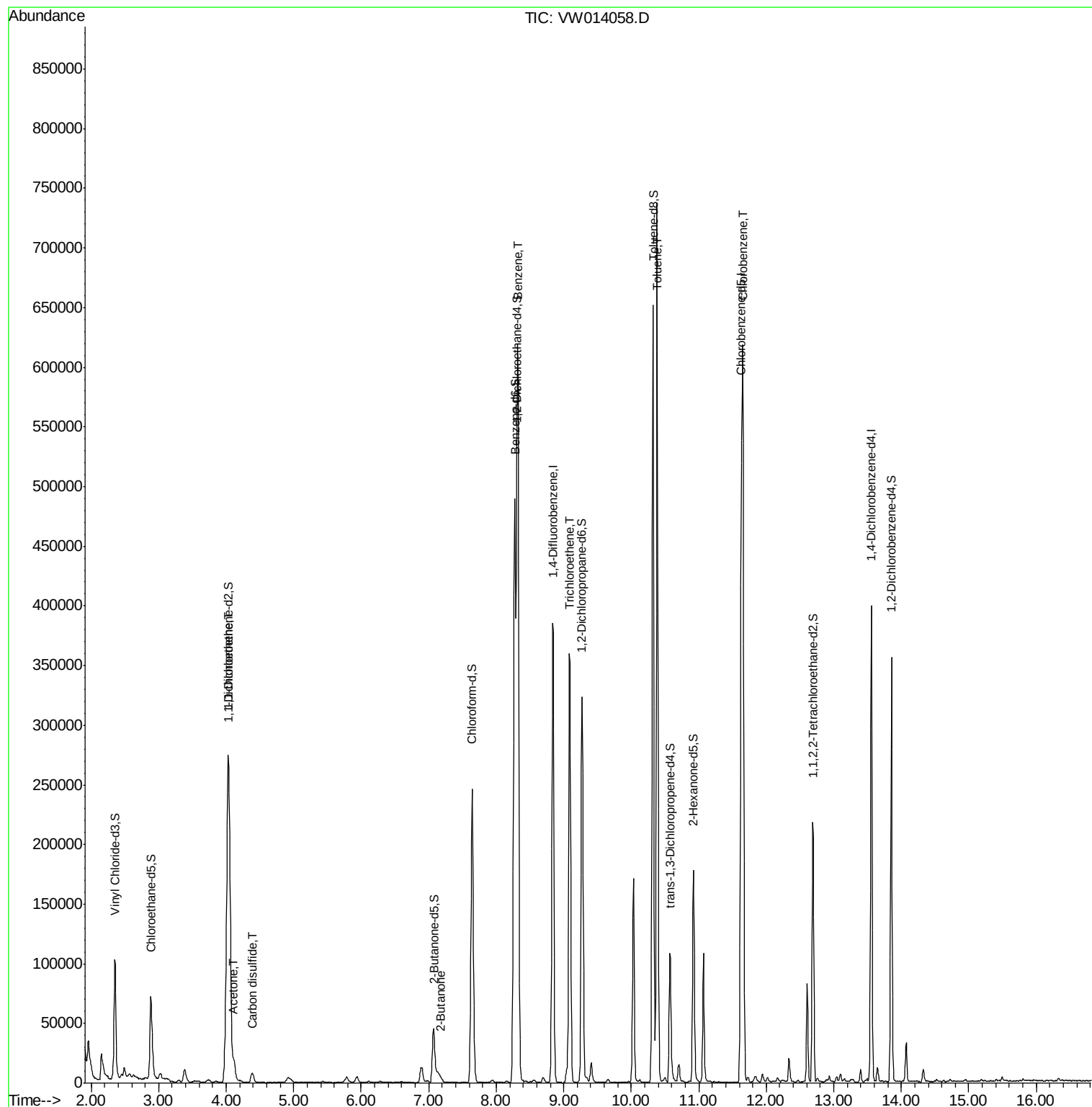
					Ovalue
12) 1,1-Dichloroethene	4.04	96	118694	20.351	ug/L 98
13) Acetone	4.11	43	22570	13.851	ug/L 94
14) Carbon disulfide	4.39	76	15135	0.912	ug/L # 93
21) 2-Butanone	7.18	43	8288	3.959	ug/L 81
34) Benzene	8.32	78	536665	24.975	ug/L 100
35) Trichloroethene	9.09	95	129097	22.522	ug/L 99
44) Toluene	10.38	91	546546	23.329	ug/L 99
52) Chlorobenzene	11.65	112	315288	21.467	ug/L 98

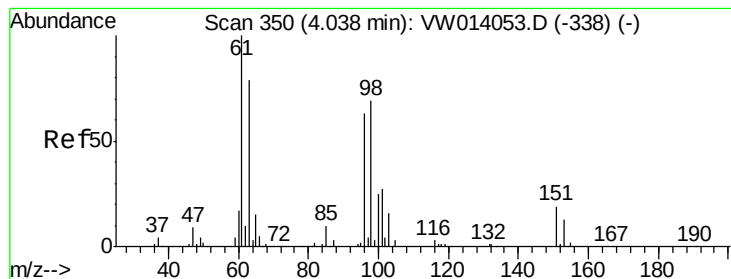
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Nov 19 07:22:02 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 20.351 ug/L

RT: 4.04 min Scan# 351

Delta R.T. 0.01 min

Lab File: VW014058.D

Acq: 18 Nov 2019 13:01

Instrument :

MSVOA_W

ClientSampleId :

GAQF3MSD

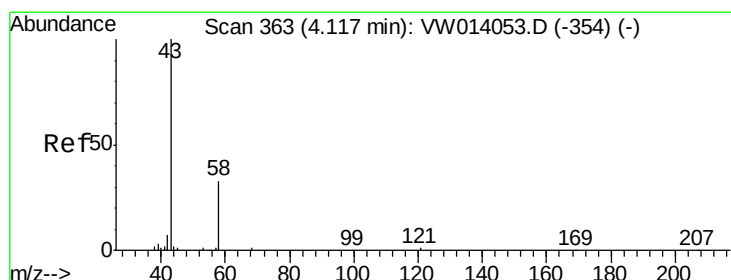
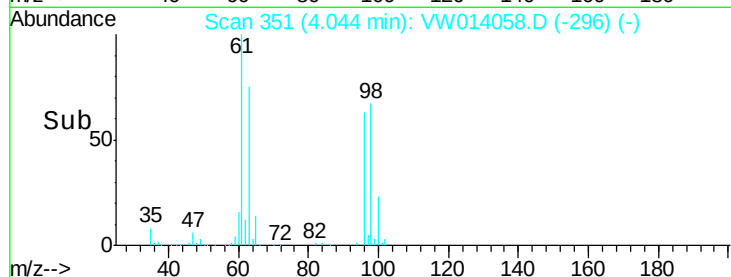
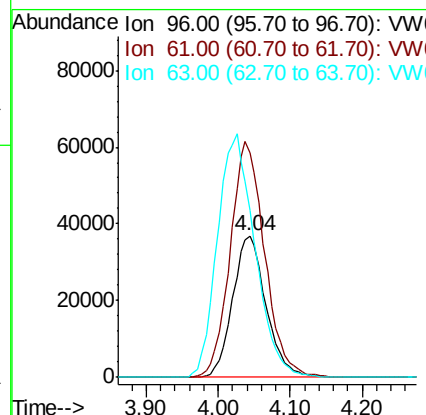
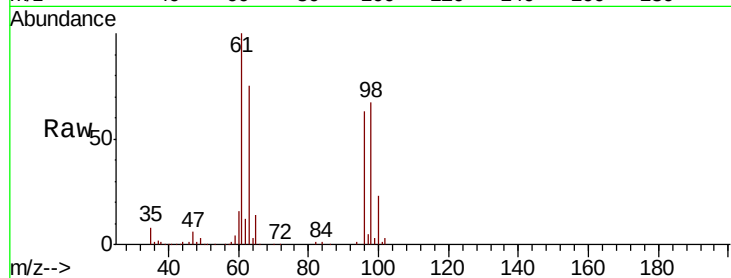
Tot Ion: 96 Resp: 118694

Ion Ratio Lower Upper

96 100

61 158.5 109.8 204.0

63 118.3 80.7 149.9



#13

Acetone

Concen: 13.851 ug/L

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW014058.D

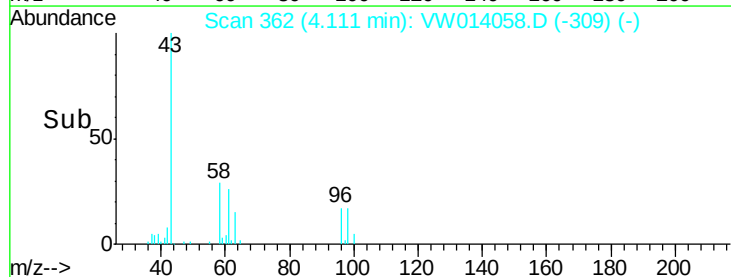
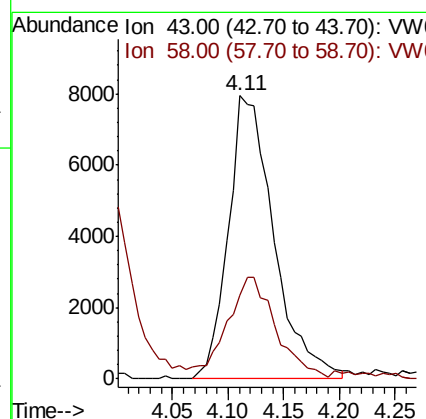
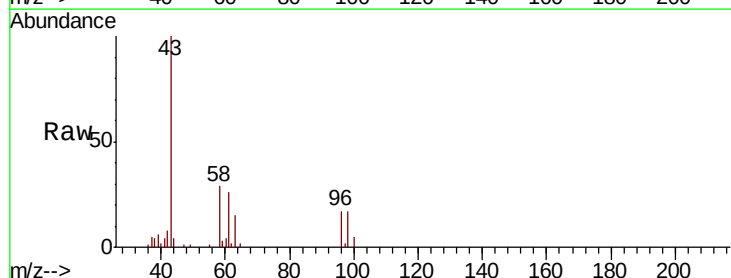
Acq: 18 Nov 2019 13:01

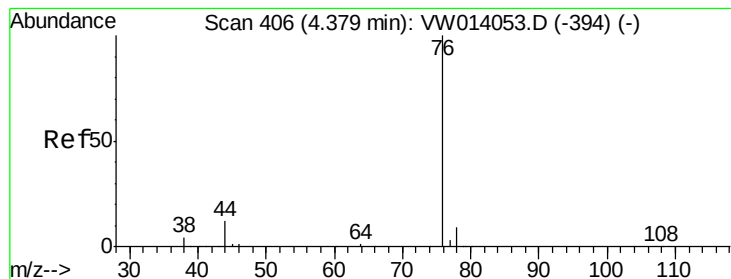
Tgt Ion: 43 Resp: 22570

Ion Ratio Lower Upper

43 100

58 36.1 0.0 65.4





#14

Carbon disulfide

Concen: 0.912 ug/L

RT: 4.39 min Scan# 407

Delta R.T. 0.01 min

Lab File: VW014058.D

Acq: 18 Nov 2019 13:01

Instrument :

MSVOA_W

ClientSampled :

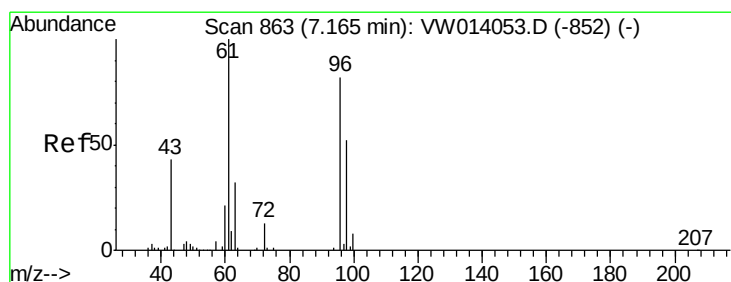
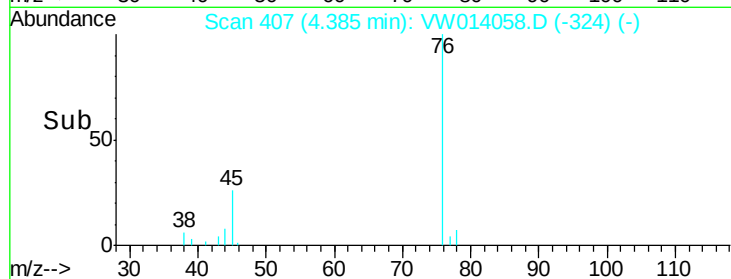
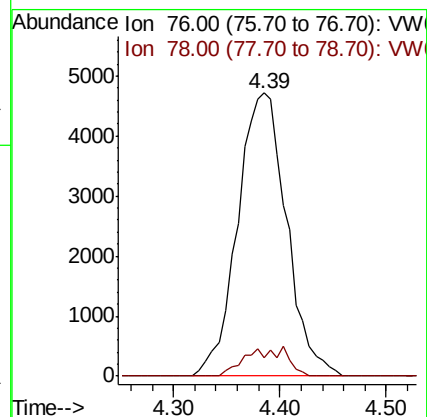
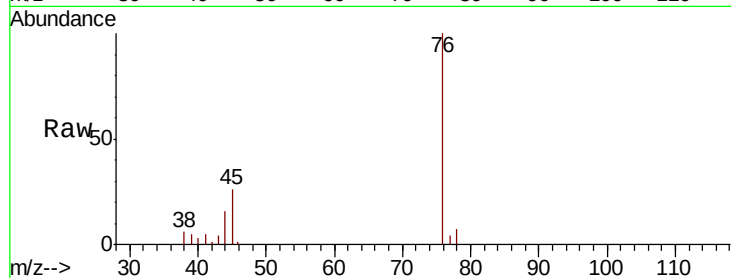
GAQF3MSD

Tot Ion: 76 Resp: 15135

Ion Ratio Lower Upper

76 100

78 6.6 7.2 10.8#



#21

2-Butanone

Concen: 3.959 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW014058.D

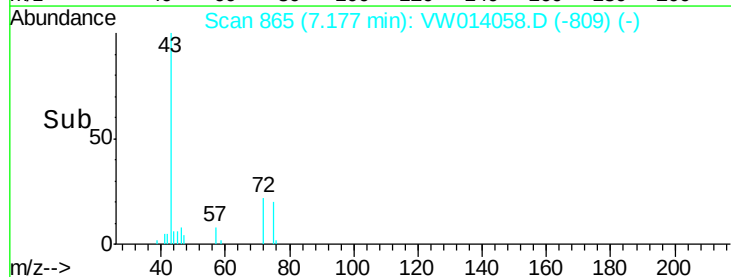
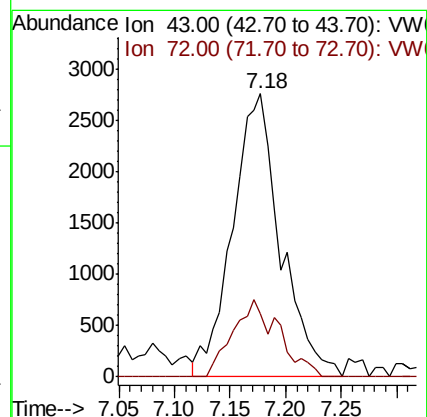
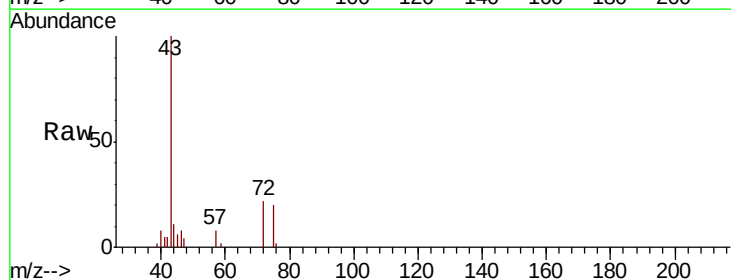
Acq: 18 Nov 2019 13:01

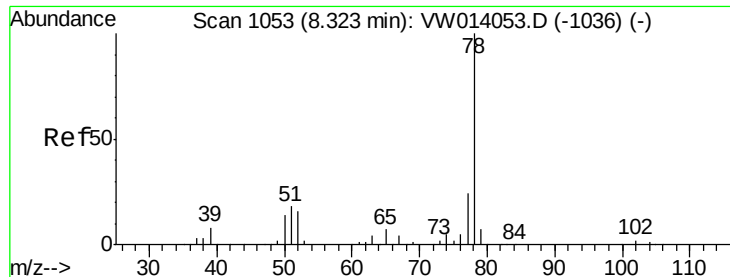
Tgt Ion: 43 Resp: 8288

Ion Ratio Lower Upper

43 100

72 18.0 14.1 42.2





#34

Benzene

Concen: 24.975 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW014058.D

Acq: 18 Nov 2019 13:01

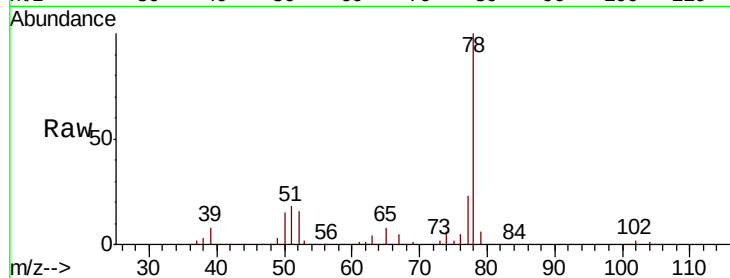
Instrument :

MSVOA_W

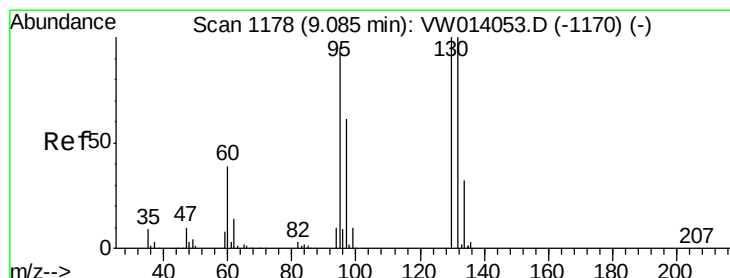
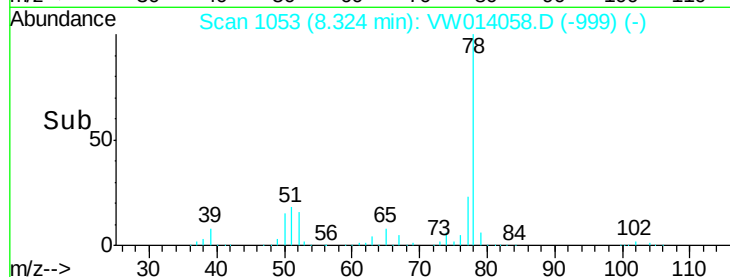
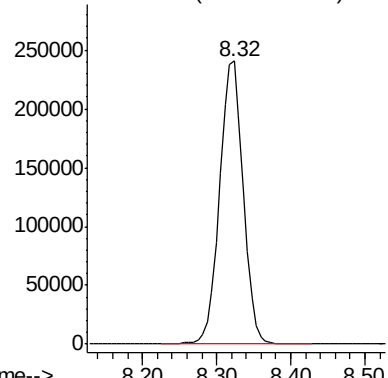
ClientSampleId :

GAQF3MSD

Tgt Ion: 78 Resp: 536665



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 22.522 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VW014058.D

Acq: 18 Nov 2019 13:01

Tgt Ion: 95 Resp: 129097

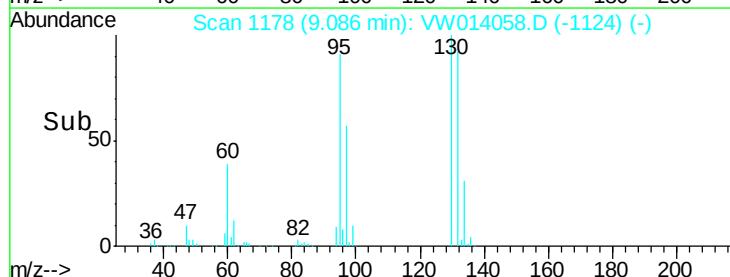
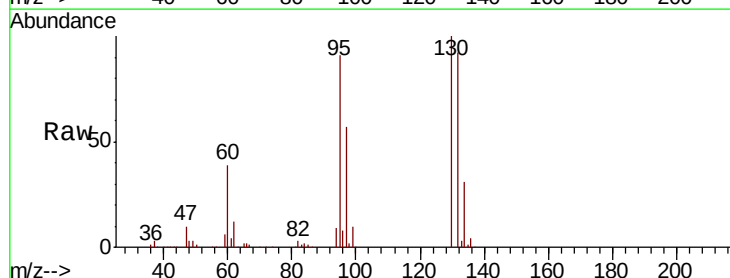
Ion	Ratio	Lower	Upper
95	100		
97	63.2	45.1	83.9
132	104.3	73.7	136.9
130	108.4	76.6	142.2

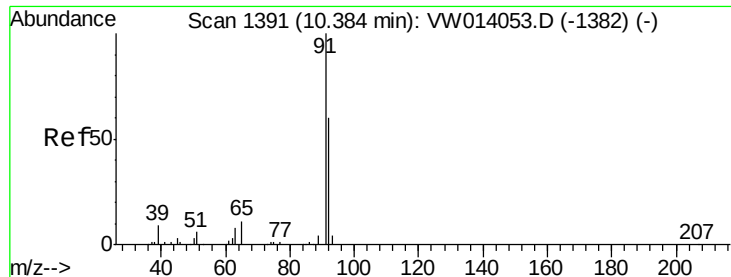
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW





#44

Toluene

Concen: 23.329 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW014058.D

Acq: 18 Nov 2019 13:01

Instrument :

MSVOA_W

ClientSampleId :

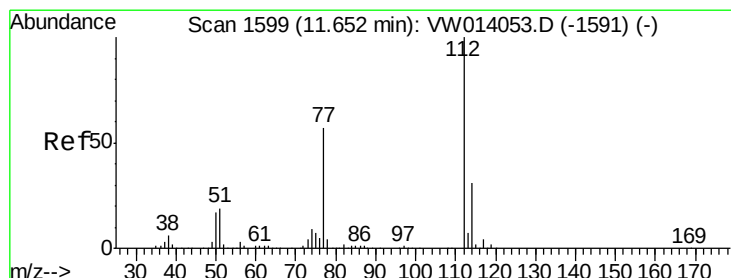
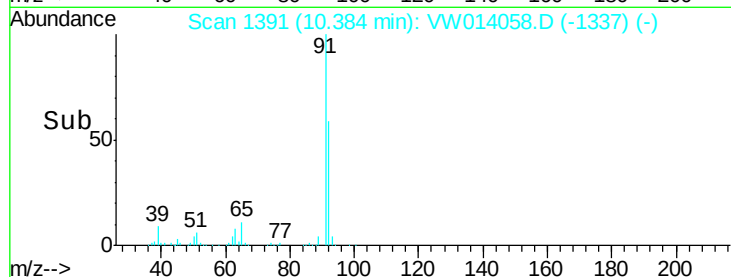
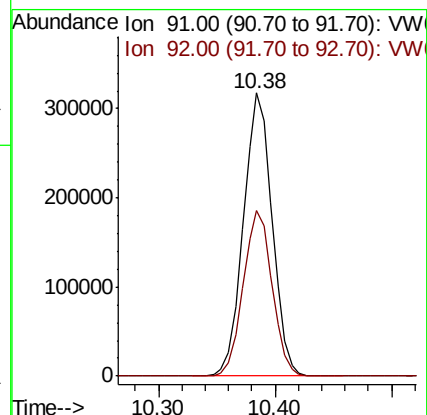
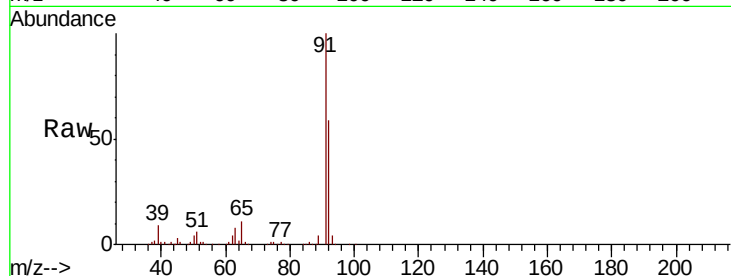
GAQF3MSD

Tot Ion: 91 Resp: 546546

Ion Ratio Lower Upper

91 100

92 58.7 40.7 75.7



#52

Chlorobenzene

Concen: 21.467 ug/L

RT: 11.65 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VW014058.D

Acq: 18 Nov 2019 13:01

Tgt Ion: 112 Resp: 315288

Ion Ratio Lower Upper

112 100

77 55.3 42.2 63.4

114 32.2 22.5 41.9

