

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042419\
 Data File : VW010142.D
 Acq On : 25 Apr 2019 14:46
 Operator : SY/VA
 Sample : K2497-06MS
 Misc : 5.10G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHY1MS

Quant Time: Apr 26 01:56:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 26 01:05:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	733053	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	672623	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	295713	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	144522	20.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.48%
7) Chloroethane-d5	2.89	69	123890	21.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.60%
10) 1,1-Dichloroethene-d2	4.01	63	405947	19.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.96%
20) 2-Butanone-d5	7.07	46	125259	37.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.70%
24) Chloroform-d	7.64	84	410785	21.05	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.20%
26) 1,2-Dichloroethane-d4	8.31	65	230284	20.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.72%
29) Benzene-d6	8.27	84	824455	21.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.56%
33) 1,2-Dichloropropane-d6	9.27	67	262282	22.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.32%
37) Toluene-d8	10.32	98	741924	21.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.76%
38) trans-1,3-Dichloropropene-	10.58	79	106480	19.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.84%
39) 2-Hexanone-d5	10.93	63	97442	39.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	202796	20.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.28%
61) 1,2-Dichlorobenzene-d4	13.86	152	256832	23.46	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.84%

Target Compounds

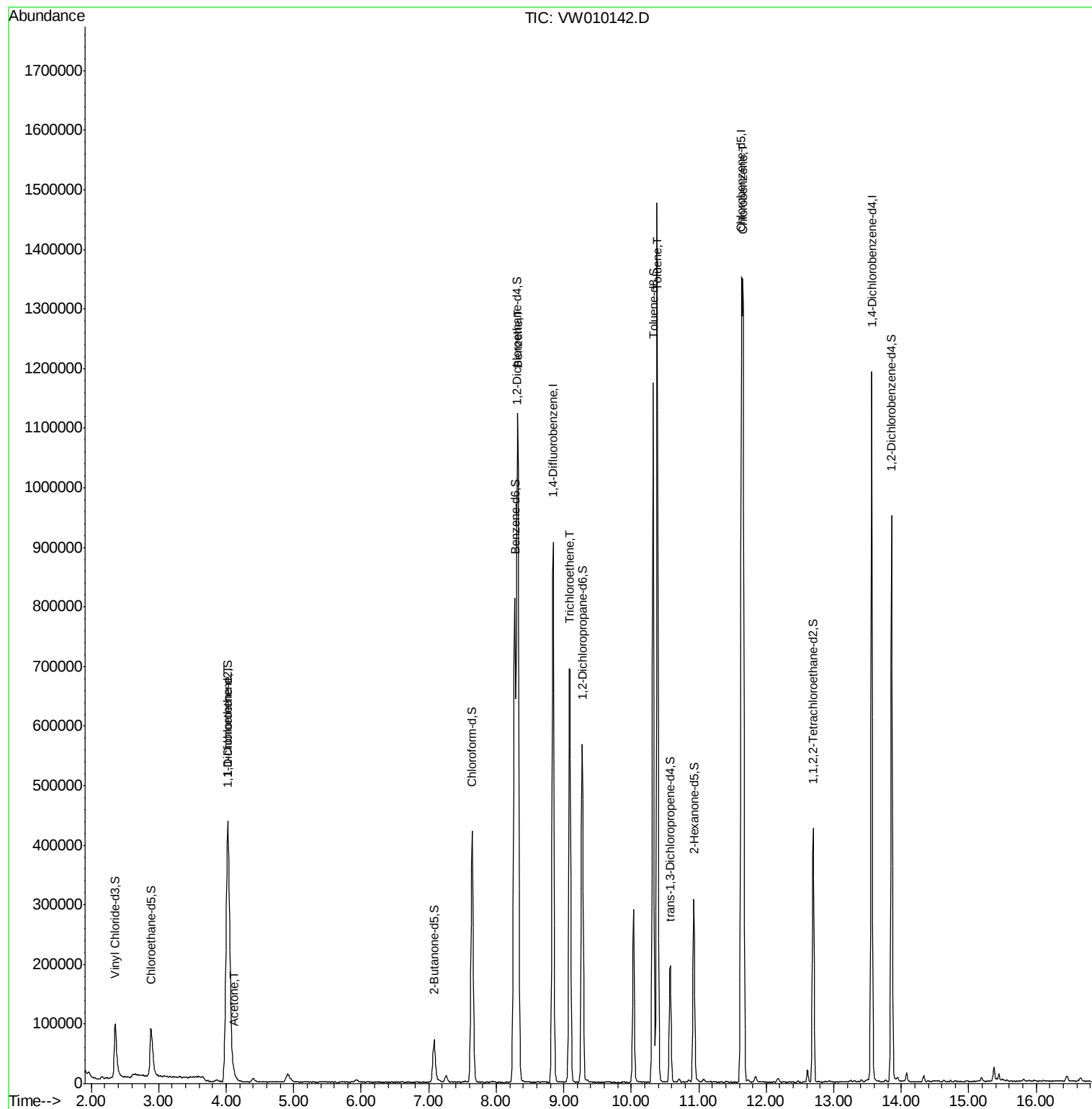
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.03	96	191362	20.146	ug/L	90
13) Acetone	4.12	43	5585	2.236	ug/L	97
34) Benzene	8.32	78	949376	23.205	ug/L	100
35) Trichloroethene	9.09	95	241718	22.402	ug/L	99
44) Toluene	10.38	91	1055347	24.367	ug/L	100
52) Chlorobenzene	11.66	112	644679	23.526	ug/L	98

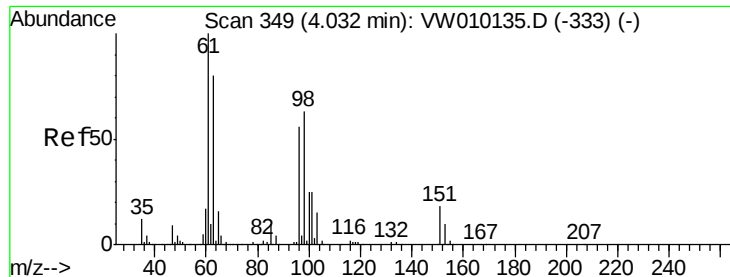
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Apr 26 01:05:00 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 20.146 ug/L

RT: 4.03 min Scan# 349

Delta R.T. 0.00 min

Lab File: VW010142.D

Acq: 25 Apr 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

GAHY1MS

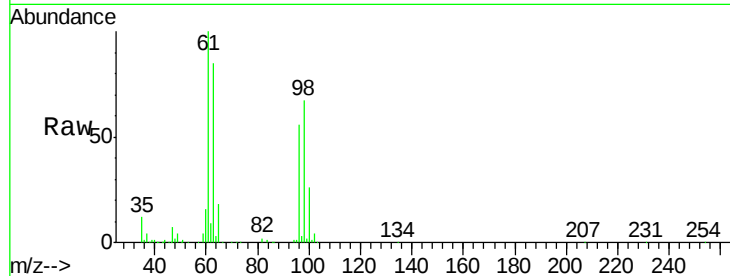
Tot Ion: 96 Resp: 191362

Ion Ratio Lower Upper

96 100

61 178.9 135.3 251.3

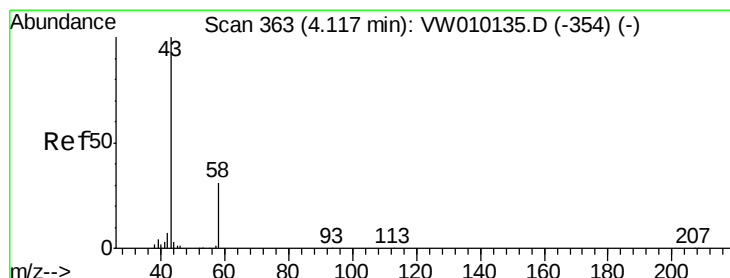
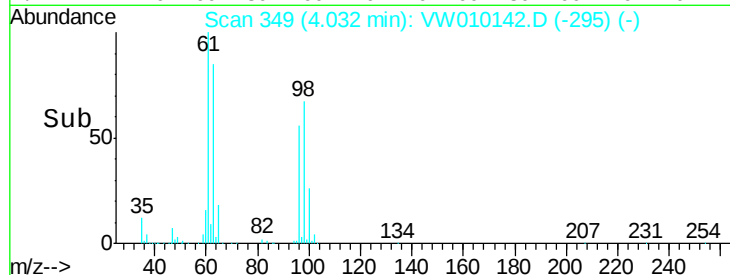
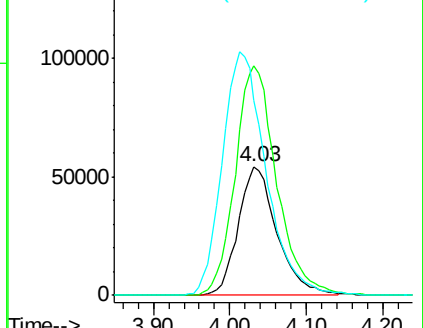
63 151.4 115.8 215.2



Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW



#13

Acetone

Concen: 2.236 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW010142.D

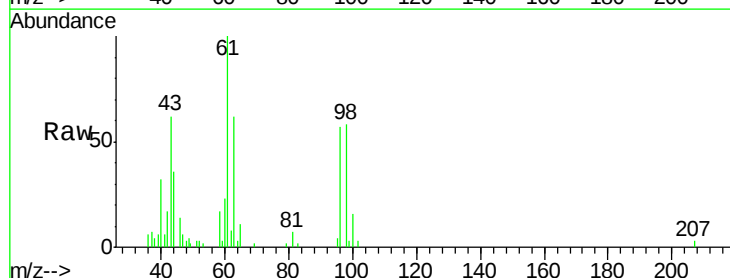
Acq: 25 Apr 2019 14:46

Tgt Ion: 43 Resp: 5585

Ion Ratio Lower Upper

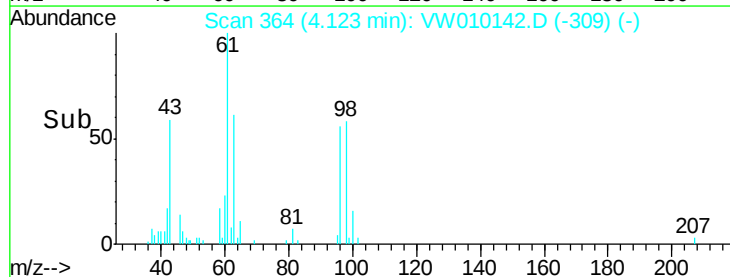
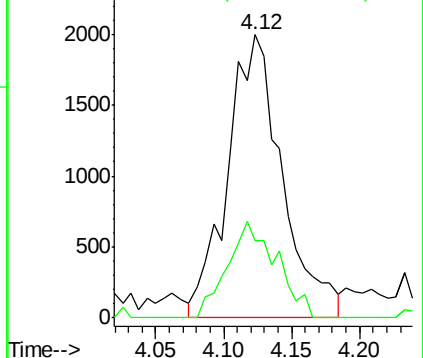
43 100

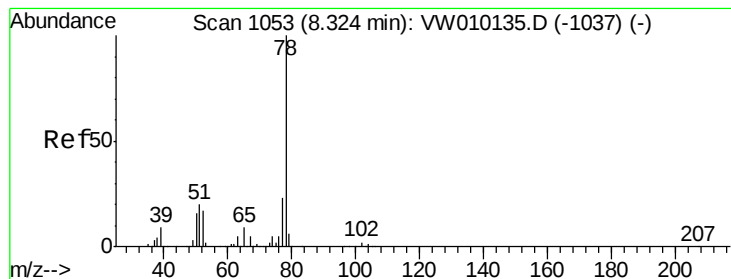
58 30.6 0.0 58.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#34

Benzene

Concen: 23.205 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW010142.D

Acq: 25 Apr 2019 14:46

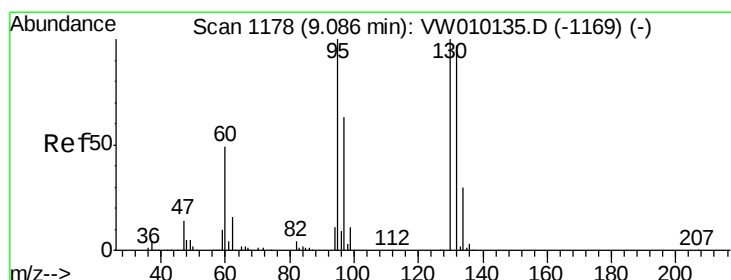
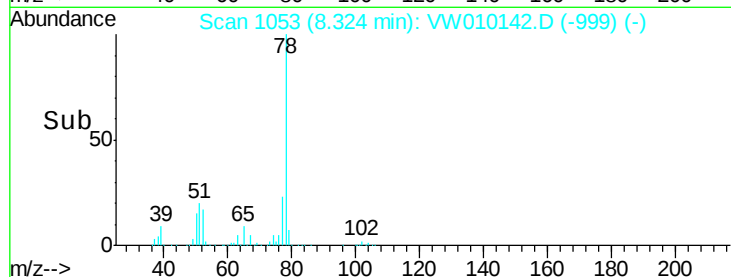
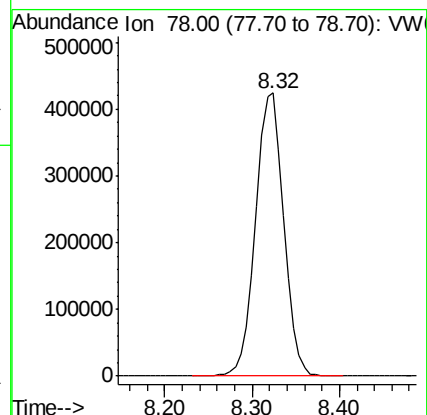
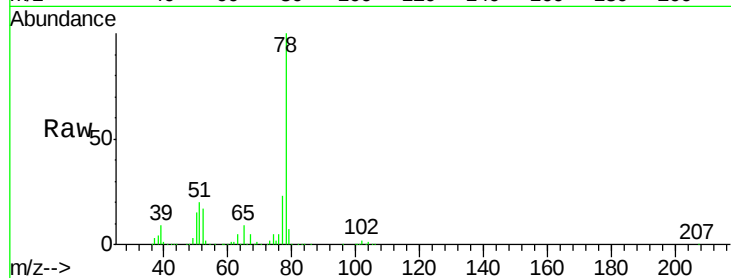
Instrument :

MSVOA_W

ClientSampleId :

GAHY1MS

Tgt Ion: 78 Resp: 949376



#35

Trichloroethene

Concen: 22.402 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW010142.D

Acq: 25 Apr 2019 14:46

Tgt Ion: 95 Resp: 241718

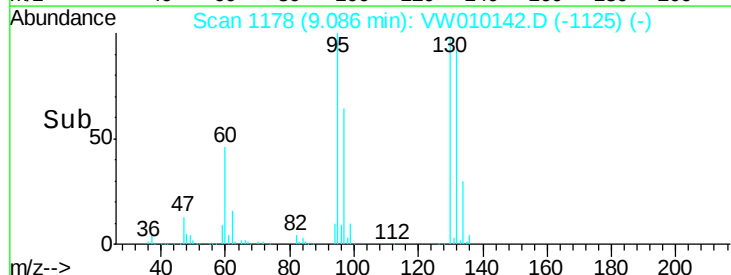
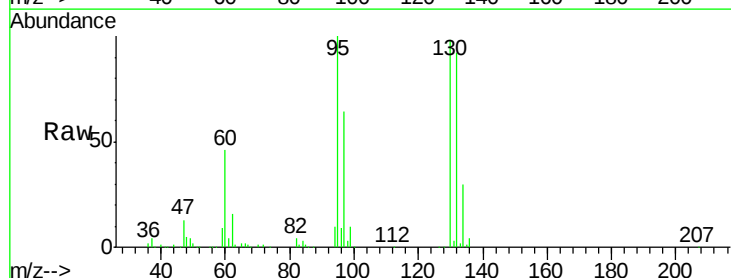
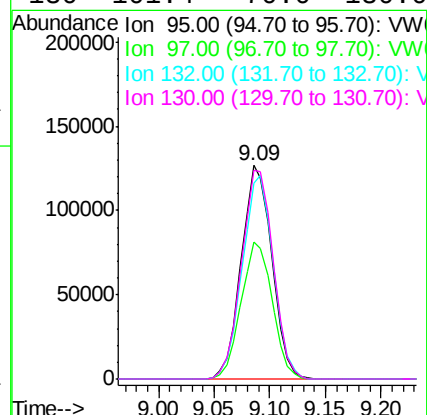
Ion	Ratio	Lower	Upper
95	100		
97	65.4	45.1	83.9
132	96.9	67.2	124.8
130	101.4	70.0	130.0

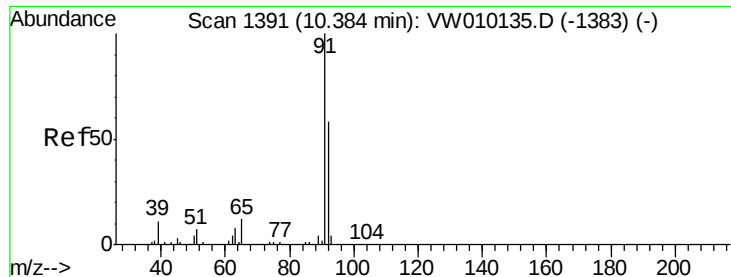
95 100

97 65.4 45.1 83.9

132 96.9 67.2 124.8

130 101.4 70.0 130.0





#44

Toluene

Concen: 24.367 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW010142.D

Acq: 25 Apr 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

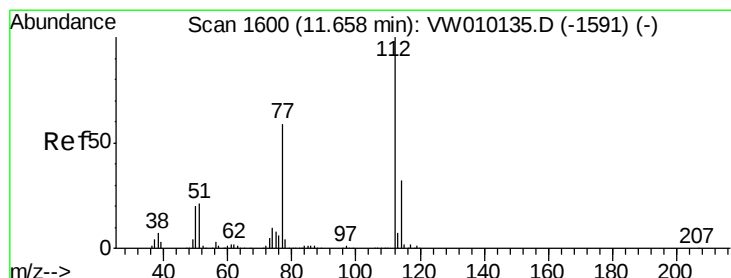
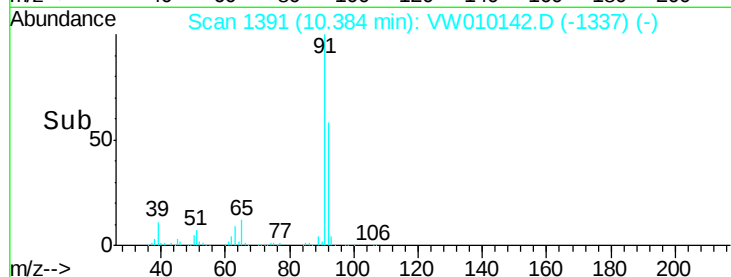
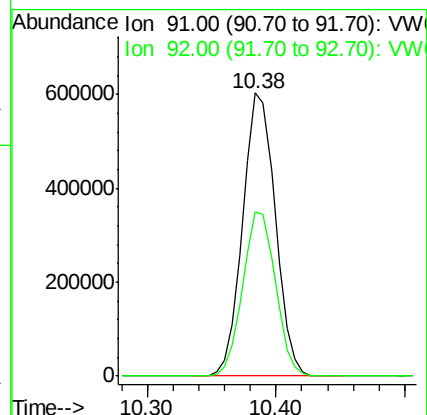
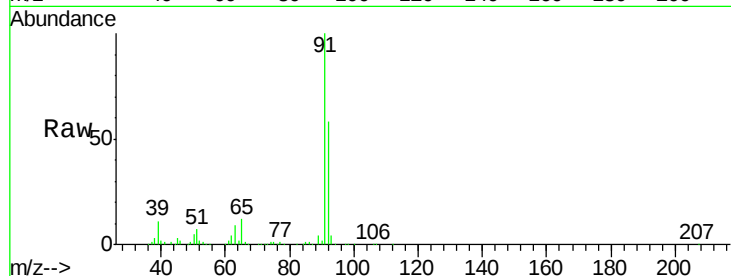
GAHY1MS

Tot Ion: 91 Resp: 1055347

Ion Ratio Lower Upper

91 100

92 58.0 40.3 74.9



#52

Chlorobenzene

Concen: 23.526 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW010142.D

Acq: 25 Apr 2019 14:46

Tgt Ion: 112 Resp: 644679

Ion Ratio Lower Upper

112 100

77 58.7 48.6 73.0

114 31.6 22.3 41.3

