

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091418\
 Data File : VW005366.D
 Acq On : 13 Sep 2018 22:53
 Operator : SY/AP
 Sample : J4865-03MS
 Misc : 4.49G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB3N2MS

Quant Time: Sep 14 07:19:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091318S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 14 06:56:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	305845	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	297008	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	128666	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	70140	19.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.48%
7) Chloroethane-d5	2.89	69	55190	22.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.44%
10) 1,1-Dichloroethene-d2	4.03	63	140918	22.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.44%
20) 2-Butanone-d5	7.10	46	39988	30.08	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.16%
24) Chloroform-d	7.65	84	133845	23.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.84%
26) 1,2-Dichloroethane-d4	8.31	65	88072	24.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.56%
29) Benzene-d6	8.28	84	264598	22.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.76%
33) 1,2-Dichloropropane-d6	9.28	67	82045	24.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.44%
37) Toluene-d8	10.33	98	263338	21.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.20%
38) trans-1,3-Dichloropropene-	10.59	79	37592	22.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.28%
39) 2-Hexanone-d5	10.93	63	31800	30.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.02%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	70297	19.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	92506	23.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.84%

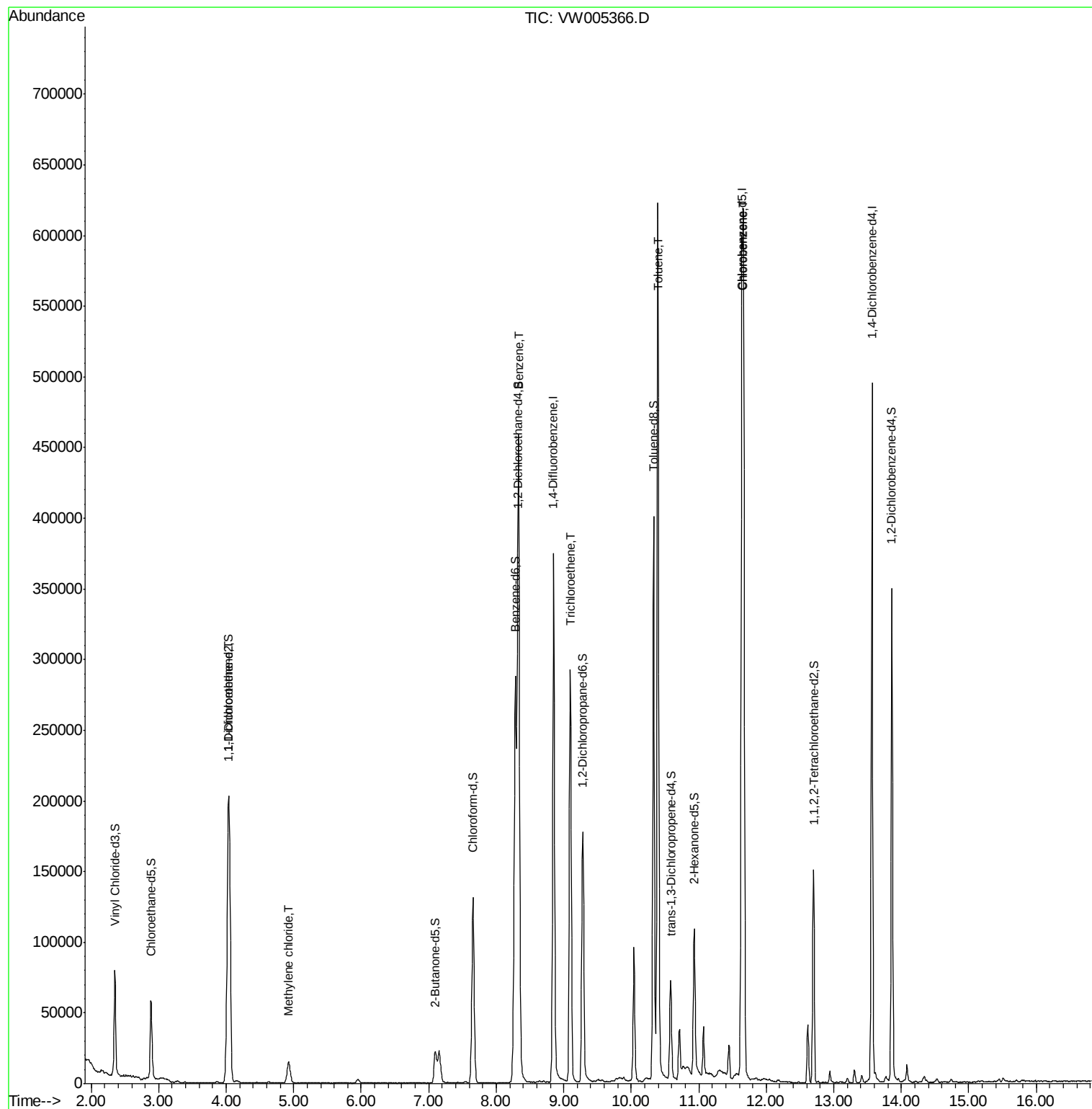
Target Compounds						Ovalue
12) 1,1-Dichloroethene	4.04	96	82148	24.68	ug/L	96
16) Methylene chloride	4.92	84	11208	1.93	ug/L	91
34) Benzene	8.33	78	402003	24.29	ug/L	100
35) Trichloroethene	9.10	95	100597	22.91	ug/L	99
44) Toluene	10.40	91	466306	24.59	ug/L	99
52) Chlorobenzene	11.66	112	292224	23.62	ug/L	97

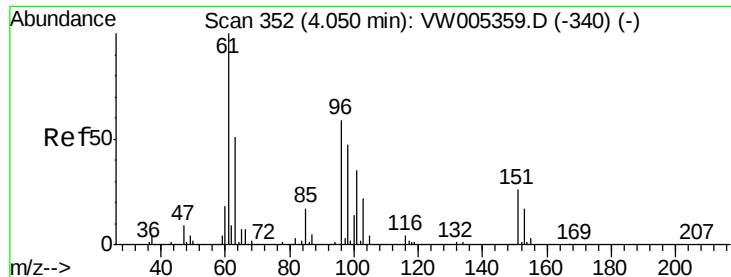
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 24.68 ug/L

RT: 4.04 min Scan# 351

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

DB3N2MS

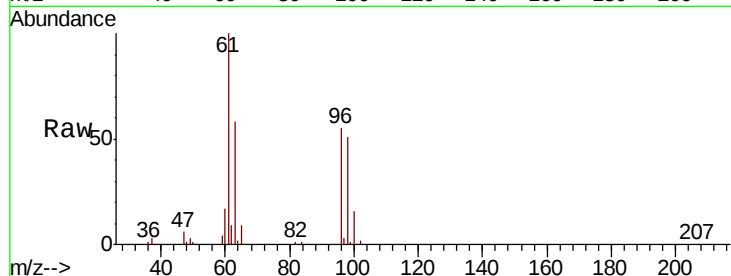
Tot Ion: 96 Resp: 82148

Ion Ratio Lower Upper

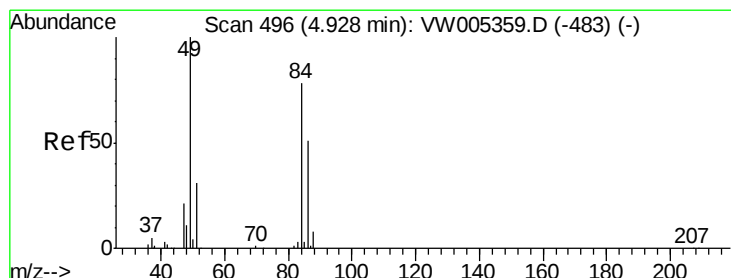
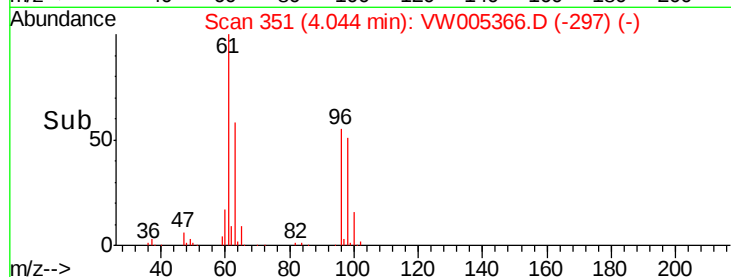
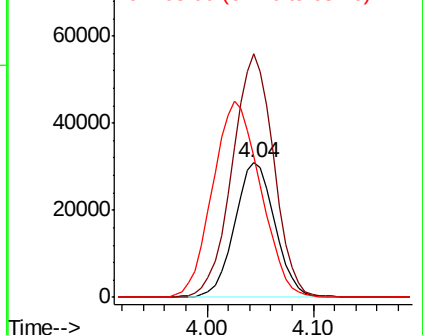
96 100

61 181.0 123.3 229.1

63 105.2 69.4 128.8



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



#16

Methylene chloride

Concen: 1.93 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW005366.D

Acq: 13 Sep 2018 22:53

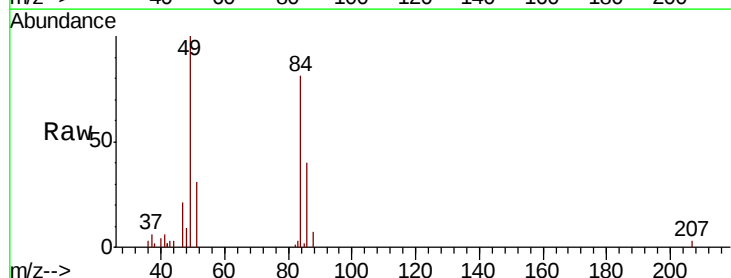
Tgt Ion: 84 Resp: 11208

Ion Ratio Lower Upper

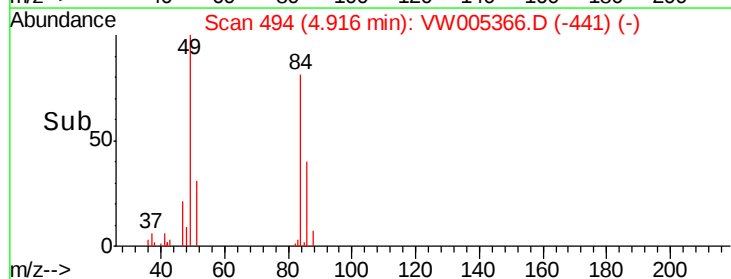
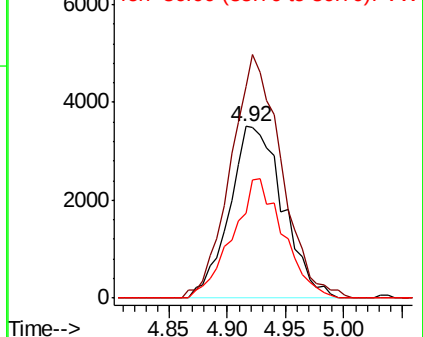
84 100

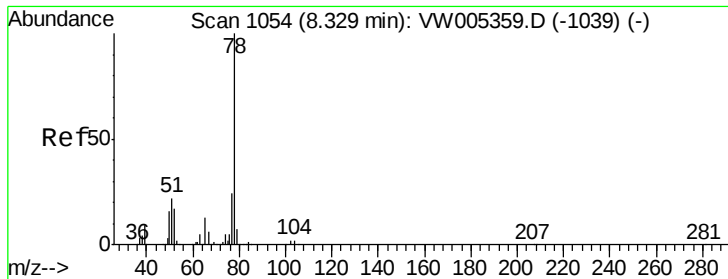
49 123.7 90.9 168.7

86 49.8 43.6 81.0



Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW





#34

Benzene

Concen: 24.29 ug/L

RT: 8.33 min Scan# 1054

Delta R.T. 0.00 min

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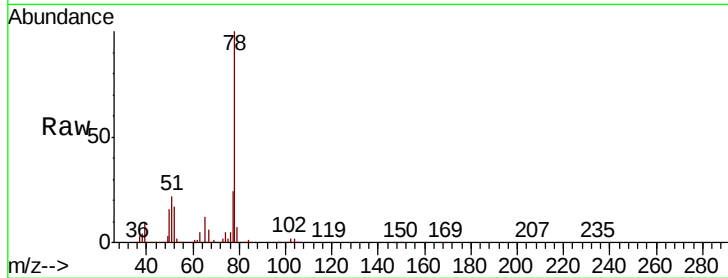
Instrument :

MSVOA_W

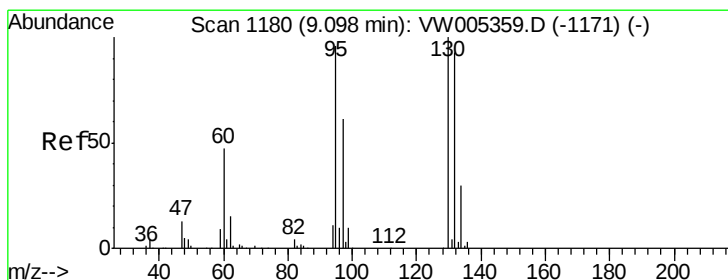
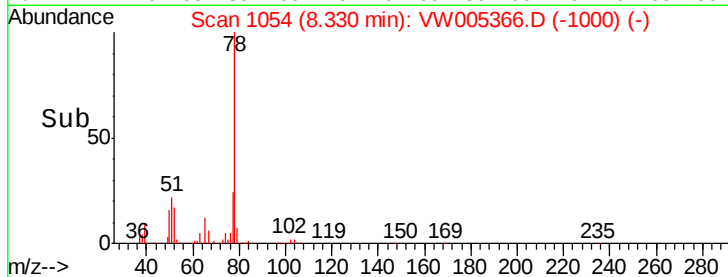
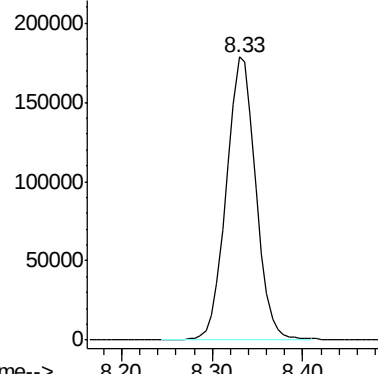
ClientSampleId :

DB3N2MS

Tgt Ion: 78 Resp: 402003



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 22.91 ug/L

RT: 9.10 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VW005366.D

Acq: 13 Sep 2018 22:53

Tgt Ion: 95 Resp: 100597

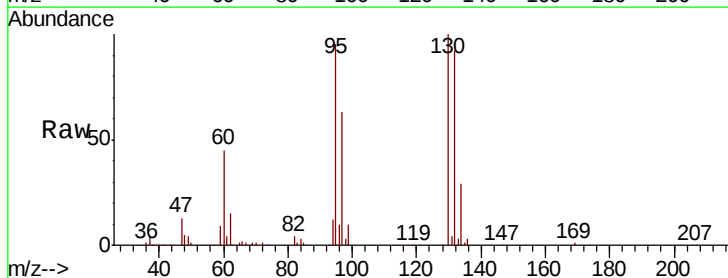
Ion	Ratio	Lower	Upper
95	100		
97	64.9	45.0	83.6
132	96.9	67.2	124.8
130	100.4	68.8	127.8

95 100

97 64.9 45.0 83.6

132 96.9 67.2 124.8

130 100.4 68.8 127.8

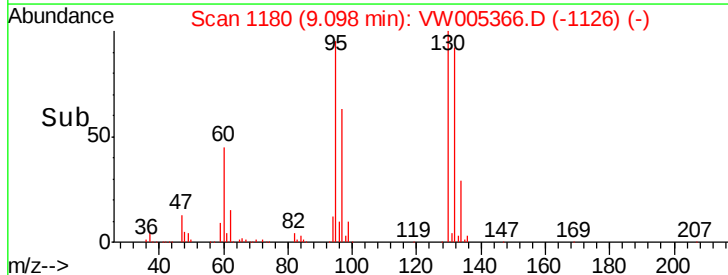
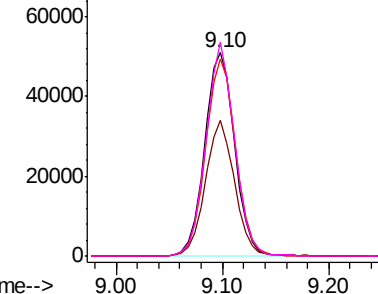


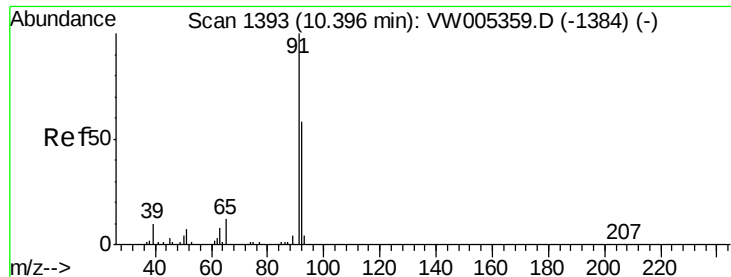
Abundance Ion 95.00 (94.70 to 95.70): VW

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: 24.59 ug/L

RT: 10.40 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW005366.D

Acq: 13 Sep 2018 22:53

Instrument :

MSVOA_W

ClientSampleId :

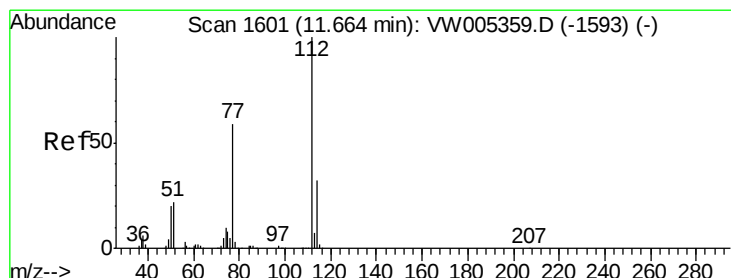
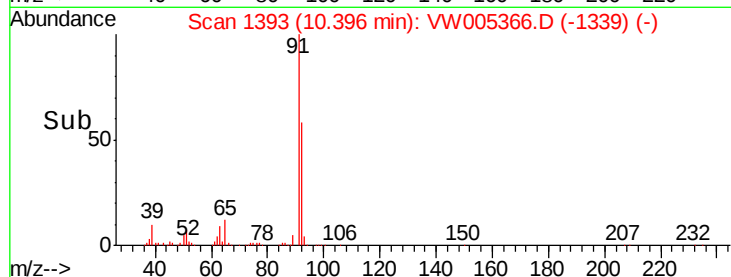
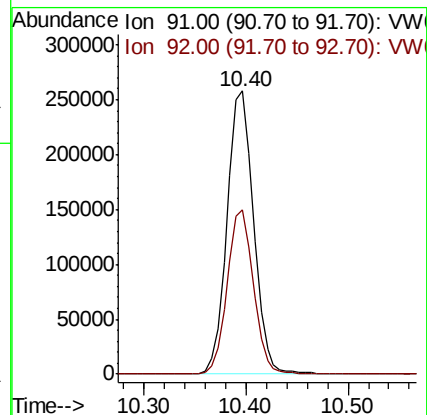
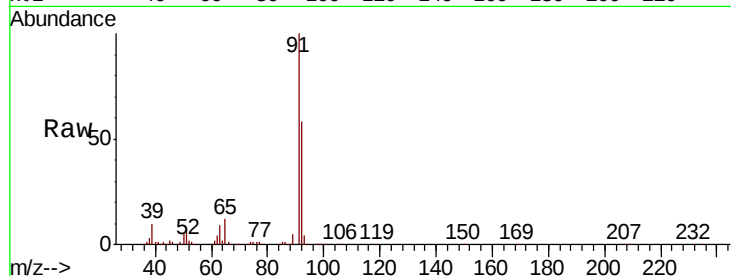
DB3N2MS

Tot Ion: 91 Resp: 466306

Ion Ratio Lower Upper

91 100

92 57.9 39.8 74.0



#52

Chlorobenzene

Concen: 23.62 ug/L

RT: 11.66 min Scan# 1601

Delta R.T. 0.00 min

Lab File: VW005366.D

Acq: 13 Sep 2018 22:53

Tgt Ion: 112 Resp: 292224

Ion Ratio Lower Upper

112 100

77 60.3 45.1 67.7

114 32.2 22.5 41.7

