

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071619\
 Data File : VW011281.D
 Acq On : 16 Jul 2019 13:03
 Operator : SY/VA
 Sample : K3755-06MSD
 Misc : 5.98G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB911MSD

Quant Time: Jul 17 08:00:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 17 07:20:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	282575	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	257381	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	120332	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	63793	14.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.12%
7) Chloroethane-d5	2.89	69	50551	16.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.80%
10) 1,1-Dichloroethene-d2	4.03	63	176705	19.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.36%
20) 2-Butanone-d5	7.07	46	98925	58.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.40%
24) Chloroform-d	7.65	84	161270	20.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.28%
26) 1,2-Dichloroethane-d4	8.31	65	105997	22.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.88%
29) Benzene-d6	8.27	84	324403	20.46	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.84%
33) 1,2-Dichloropropane-d6	9.27	67	110980	21.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.96%
37) Toluene-d8	10.32	98	281341	19.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.64%
38) trans-1,3-Dichloropropene-	10.58	79	42689	19.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.76%
39) 2-Hexanone-d5	10.92	63	62292	52.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	108286	25.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	103494	22.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.64%

Target Compounds

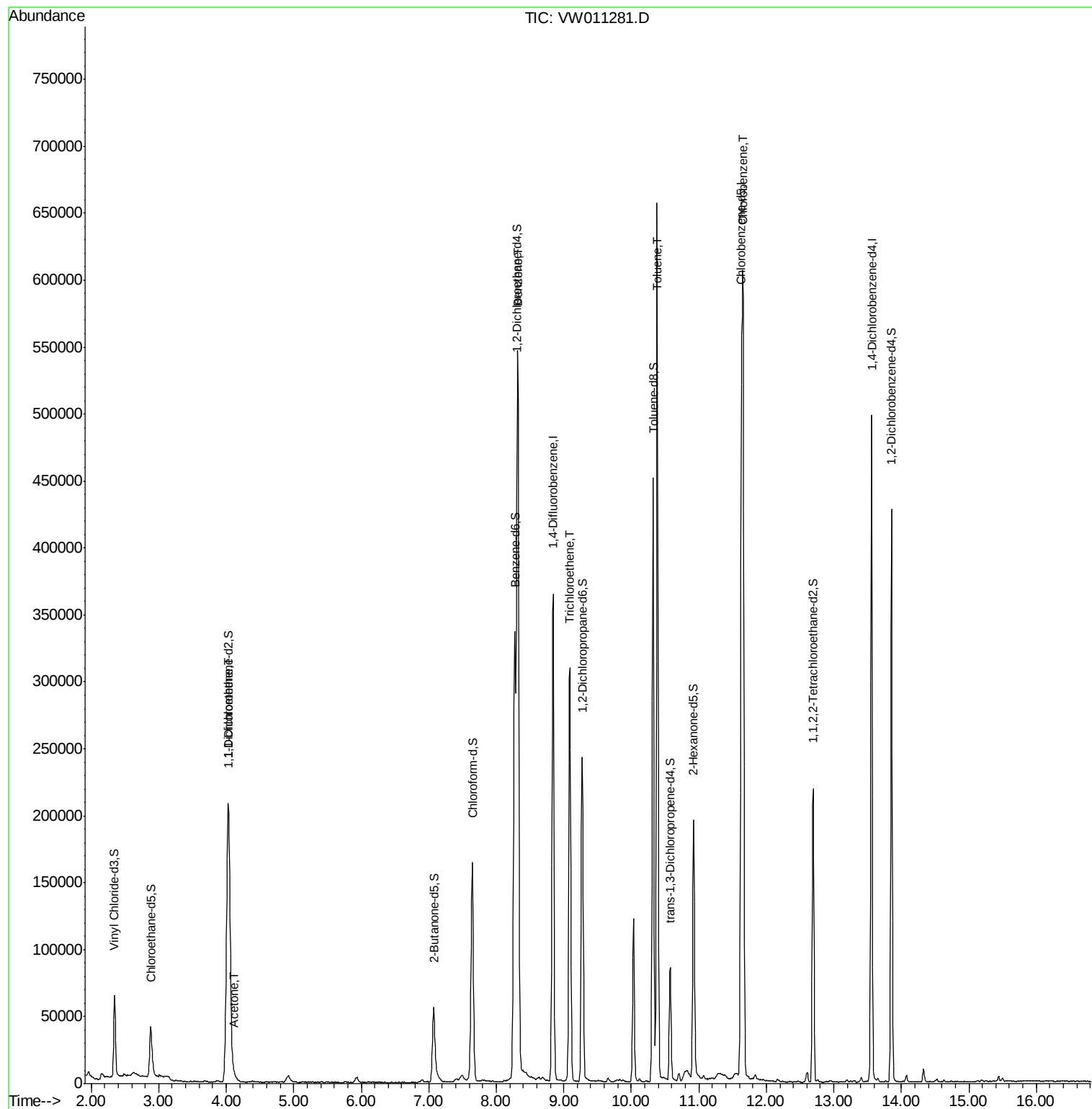
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	93967	25.305	ug/L	# 67
13) Acetone	4.12	43	3171	1.910	ug/L	91
34) Benzene	8.32	78	440864	27.407	ug/L	100
35) Trichloroethene	9.09	95	107827	26.563	ug/L	100
44) Toluene	10.38	91	456279	27.404	ug/L	99
52) Chlorobenzene	11.66	112	276197	27.153	ug/L	99

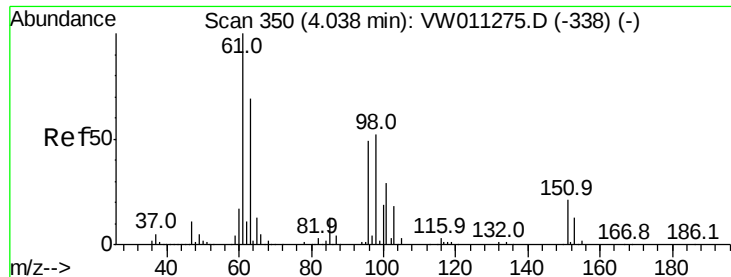
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 17 07:20:32 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 25.305 ug/L

RT: 4.04 min Scan# 351

Delta R.T. 0.01 min

Lab File: VW011281.D

Acq: 16 Jul 2019 13:03

Instrument :

MSVOA_W

ClientSampled :

DB911MSD

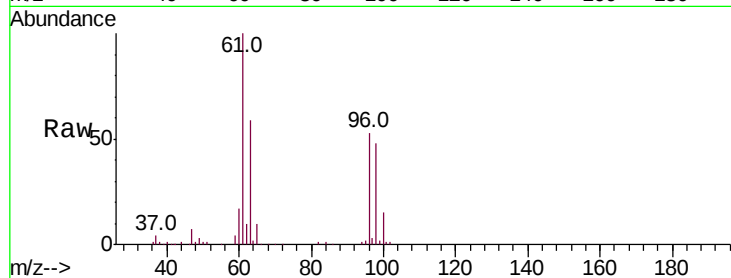
Tot Ion: 96 Resp: 93967

Ion Ratio Lower Upper

96 100

61 189.5 142.2 264.0

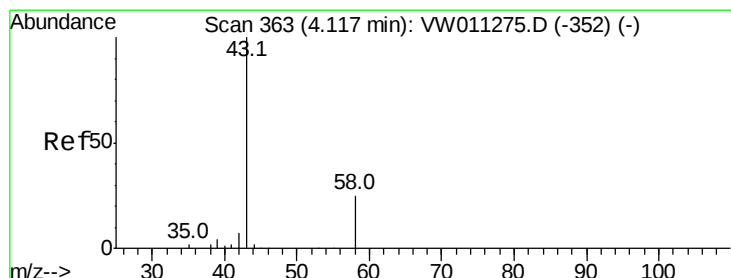
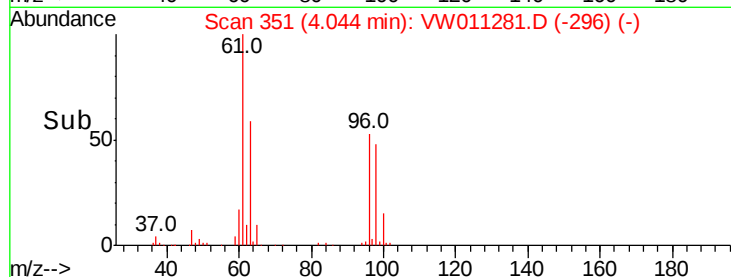
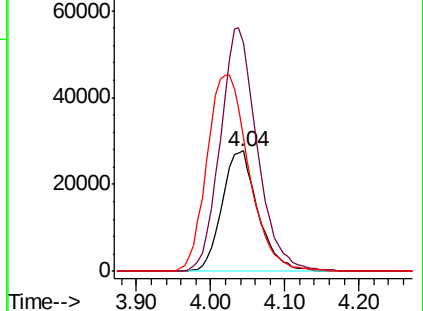
63 111.4 138.9 257.9#



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: 1.910 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011281.D

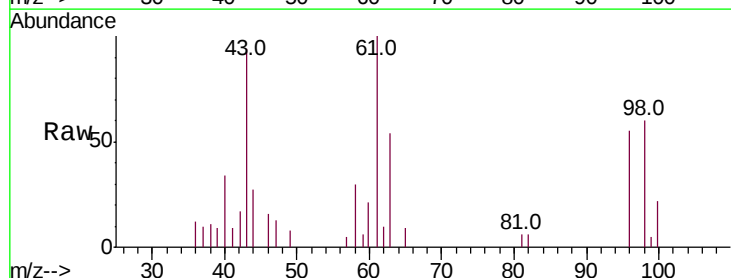
Acq: 16 Jul 2019 13:03

Tgt Ion: 43 Resp: 3171

Ion Ratio Lower Upper

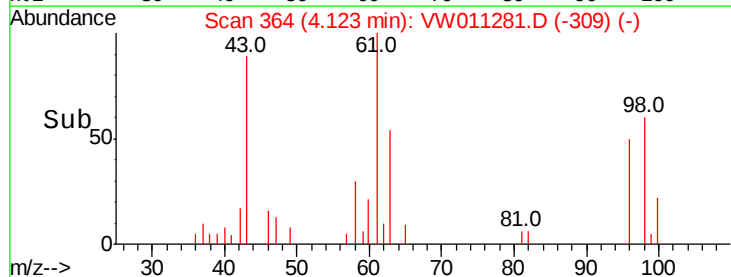
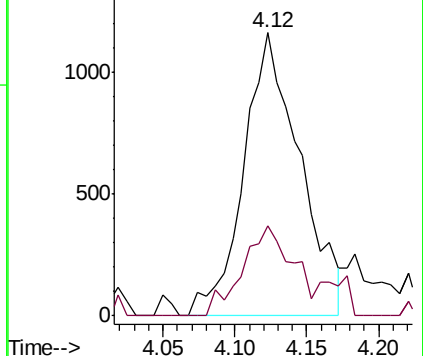
43 100

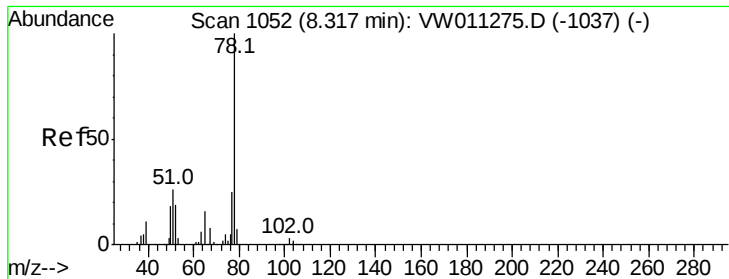
58 23.0 0.0 55.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#34

Benzene

Concen: 27.407 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VW011281.D

Acq: 16 Jul 2019 13:03

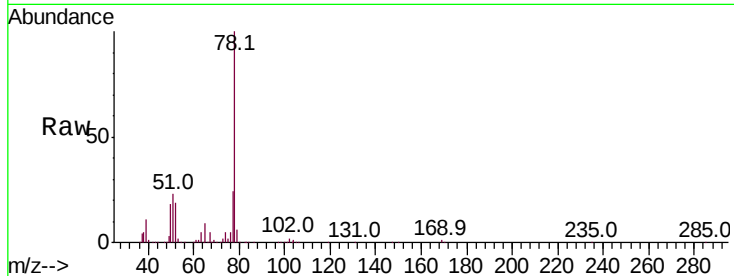
Instrument :

MSVOA_W

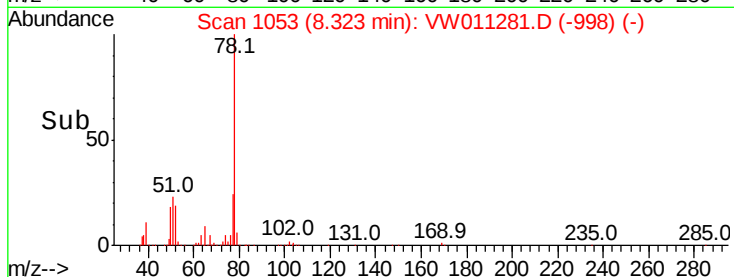
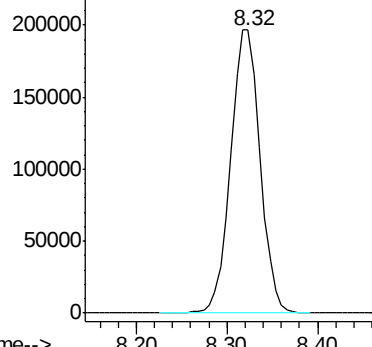
ClientSampleId :

DB911MSD

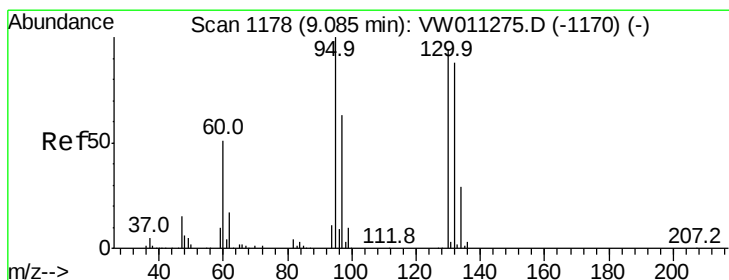
Tgt Ion: 78 Resp: 440864



Abundance Ion 78.00 (77.70 to 78.70): VW



Time-->



#35

Trichloroethene

Concen: 26.563 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VW011281.D

Acq: 16 Jul 2019 13:03

Tgt Ion: 95 Resp: 107827

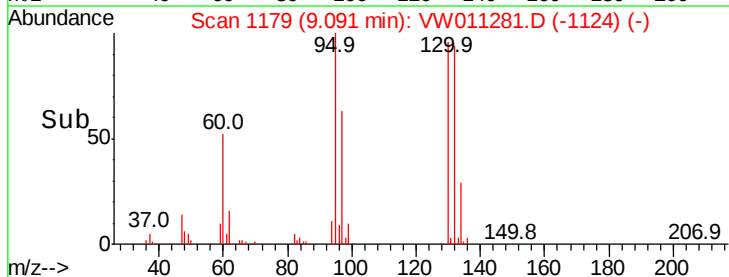
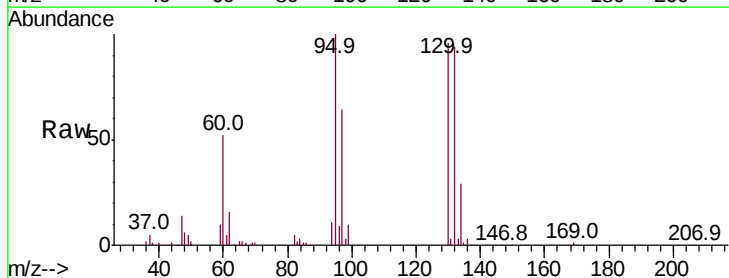
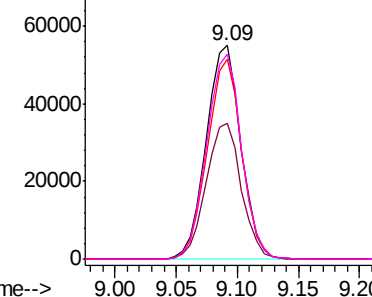
Ion	Ratio	Lower	Upper
95	100		
97	64.4	45.4	84.2
132	92.6	65.0	120.8
130	96.7	67.8	126.0

Abundance Ion 95.00 (94.70 to 95.70): VW

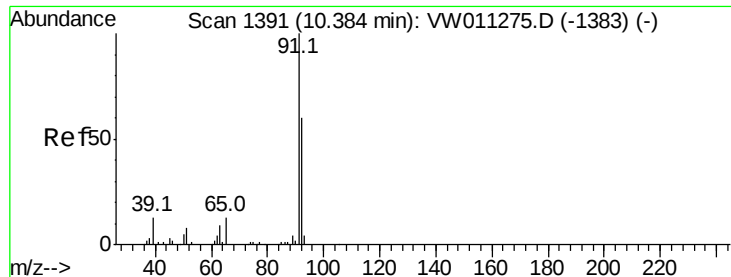
Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



Time-->



#44

Toluene

Concen: 27.404 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW011281.D

Acq: 16 Jul 2019 13:03

Instrument :

MSVOA_W

ClientSampleId :

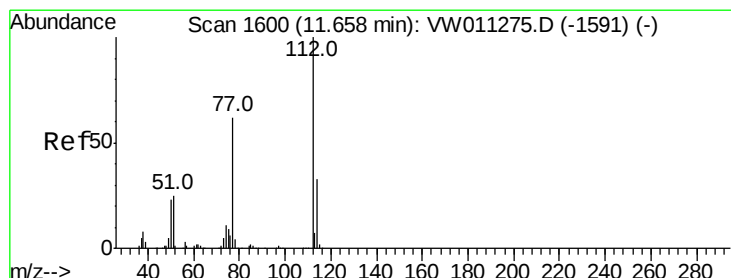
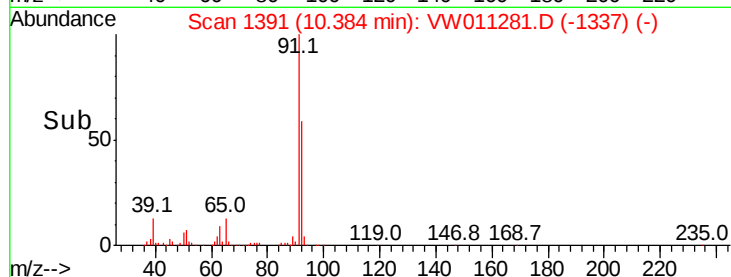
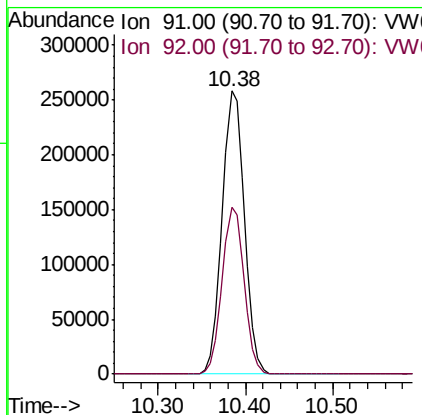
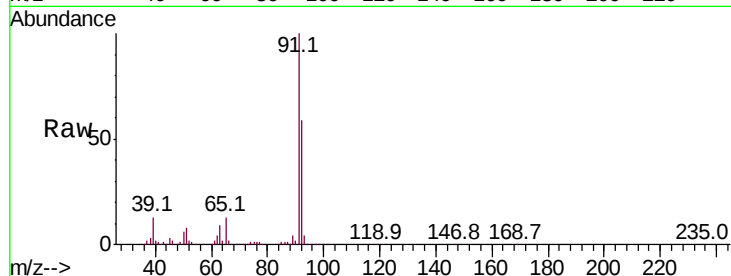
DB911MSD

Tot Ion: 91 Resp: 456279

Ion Ratio Lower Upper

91 100

92 59.0 40.8 75.8



#52

Chlorobenzene

Concen: 27.153 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW011281.D

Acq: 16 Jul 2019 13:03

Tgt Ion: 112 Resp: 276197

Ion Ratio Lower Upper

112 100

77 64.1 51.2 76.8

114 33.1 22.0 40.8

