

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 07:23:58 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

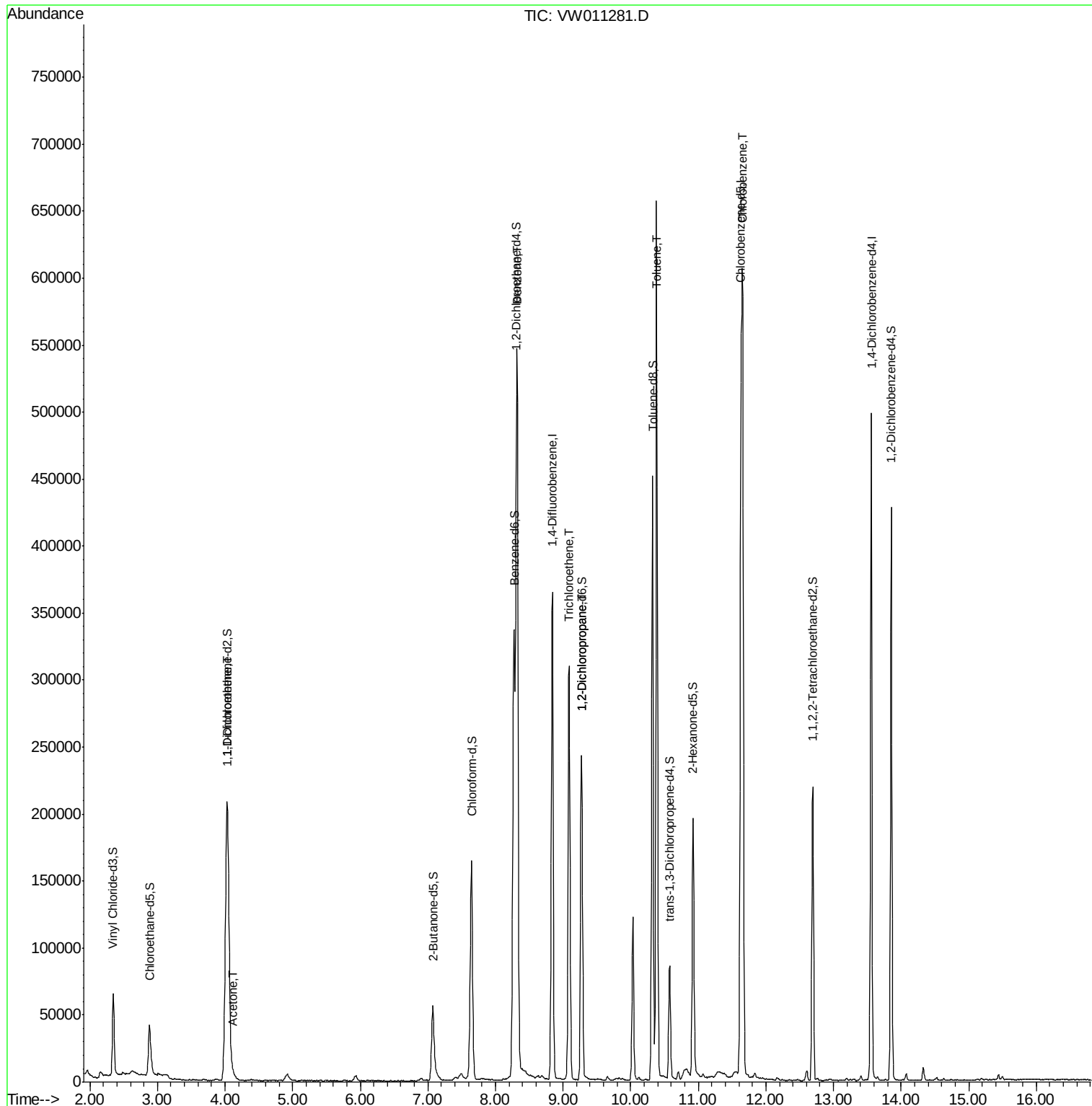
					Qvalue
12) 1,1-Dichloroethene	4.04	96	93967	25.305 ug/L #	67
13) Acetone	4.12	43	3171	1.910 ug/L	91
34) Benzene	8.32	78	440864	27.407 ug/L	100
35) Trichloroethene	9.09	95	107827	26.563 ug/L	100
40) 1,2-Dichloropropane	9.27	63	12485	2.832 ug/L #	88
44) Toluene	10.38	91	456279	27.404 ug/L	99
52) Chlorobenzene	11.66	112	276197	27.153 ug/L	99

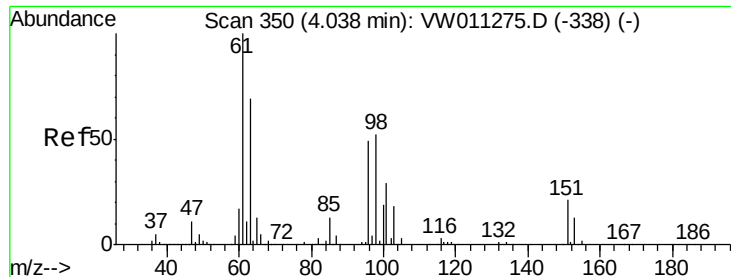
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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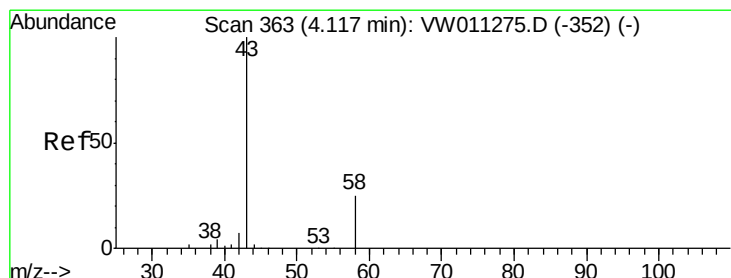
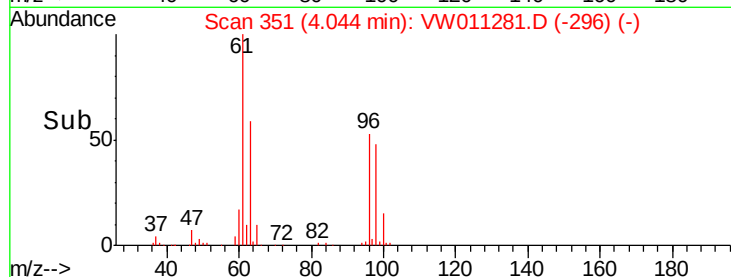
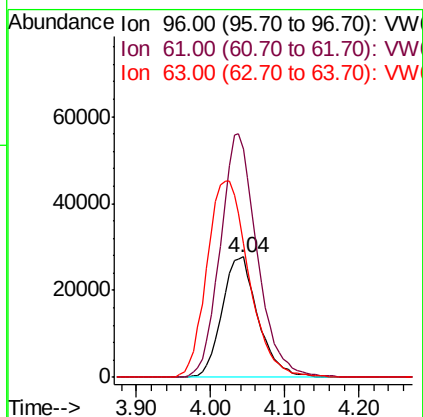
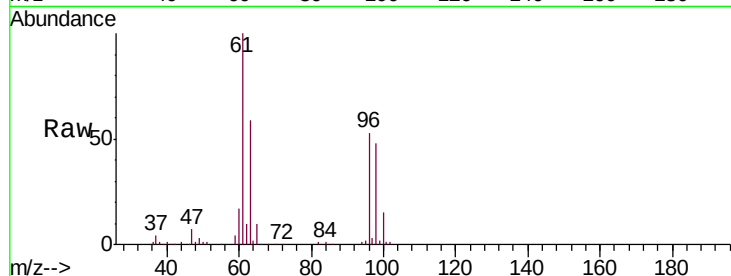




#12
 1,1-Dichloroethene
 Concen: 25.305 ug/L
 RT: 4.04 min Scan# 351
 Delta R.T. 0.01 min
 Lab File: VW011281.D
 Acq: 16 Jul 2019 13:03

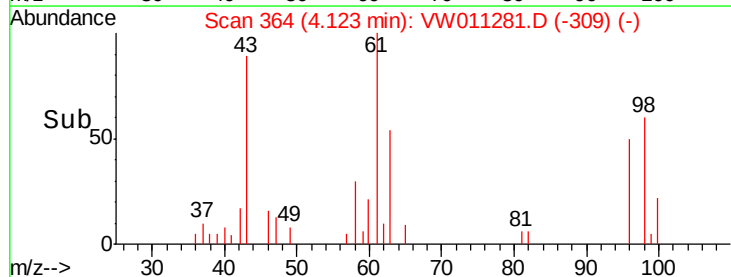
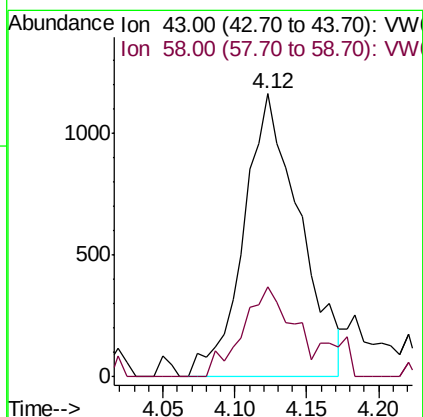
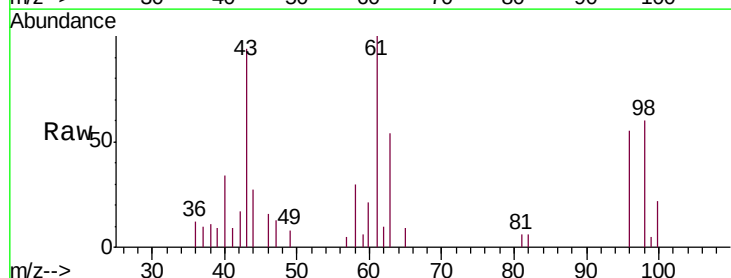
Instrument :
 MSVOA_W
 ClientSampleID :
 DB911MSD

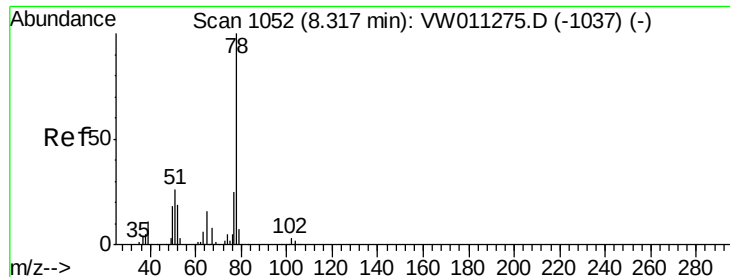
Tgt Ion: 96 Resp: 93967
 Ion Ratio Lower Upper
 96 100
 61 189.5 142.2 264.0
 63 111.4 138.9 257.9#



#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





#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

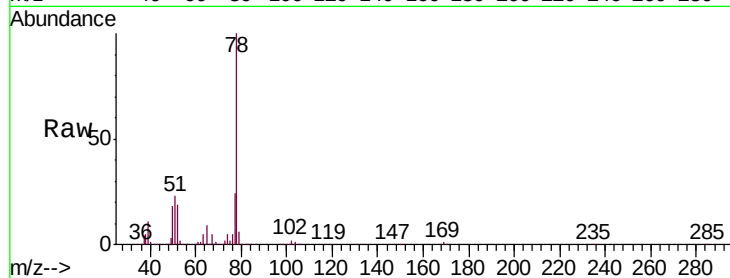
Instrument :

MSVOA_W

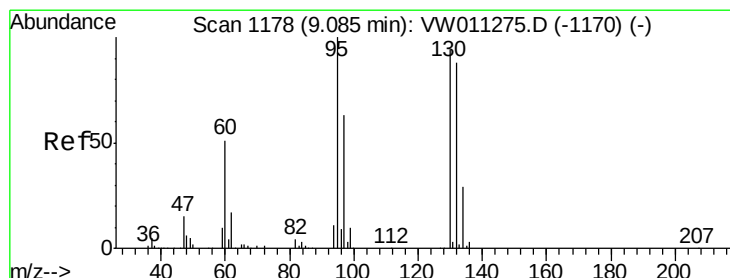
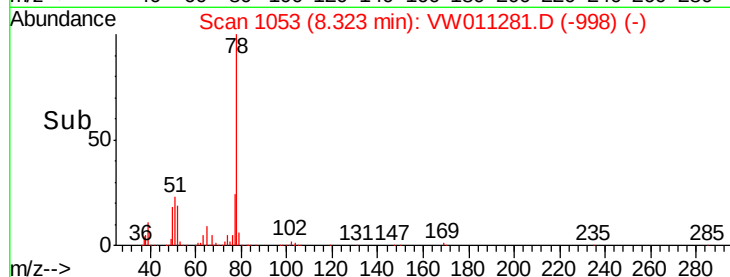
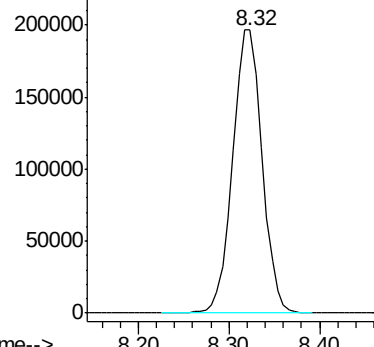
ClientSampleId :

DB911MSD

Tgt Ion: 78 Resp: 440864



Abundance Ion 78.00 (77.70 to 78.70): VW



#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

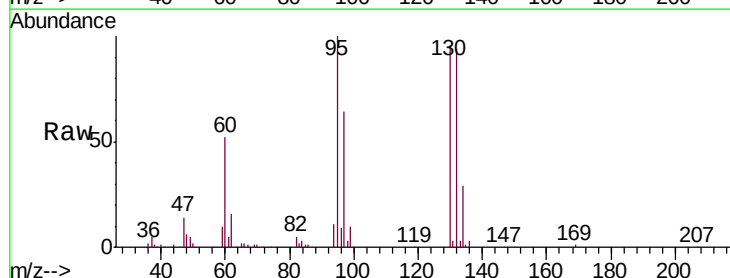
Ion	Ratio	Lower	Upper
95	100		
97	64.4	45.4	84.2
132	92.6	65.0	120.8
130	96.7	67.8	126.0

95 100

97 64.4 45.4 84.2

132 92.6 65.0 120.8

130 96.7 67.8 126.0

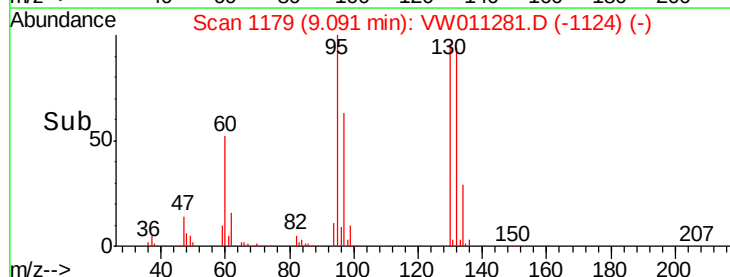
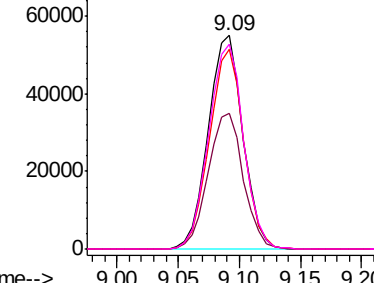


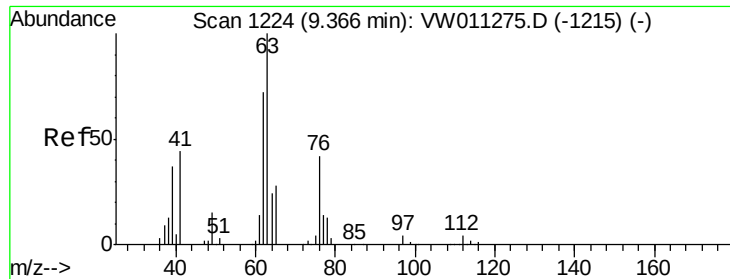
Abundance Ion 95.00 (94.70 to 95.70): VW

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

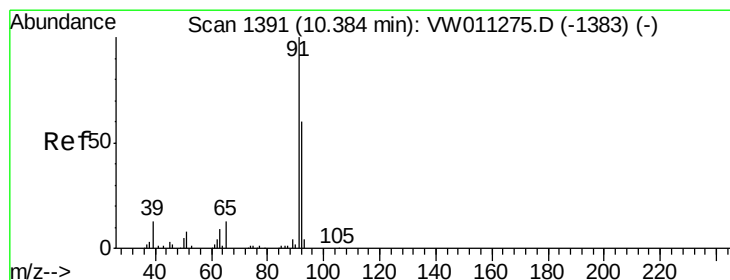
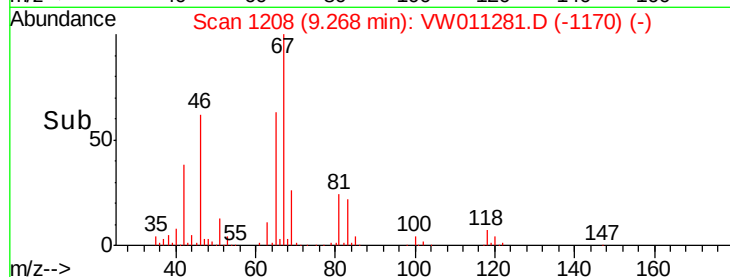
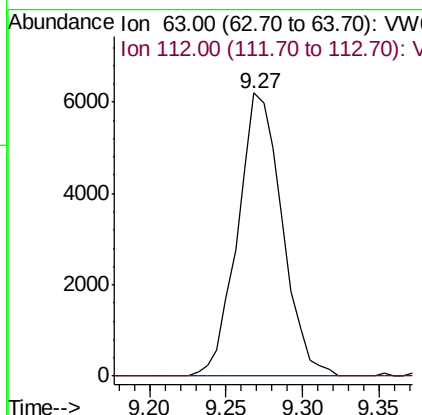
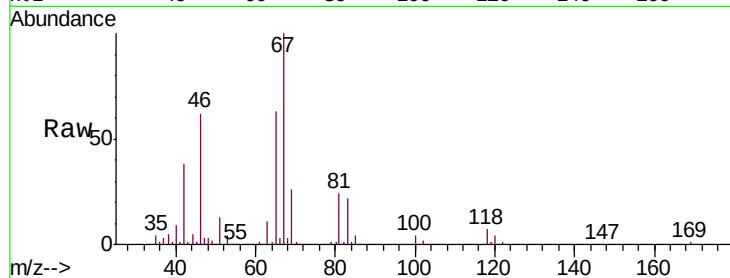




#40
 1,2-Dichloropropane
 Concen: 2.832 ug/L
 RT: 9.27 min Scan# 1208
 Delta R.T. -0.10 min
 Lab File: VW011281.D
 Acq: 16 Jul 2019 13:03

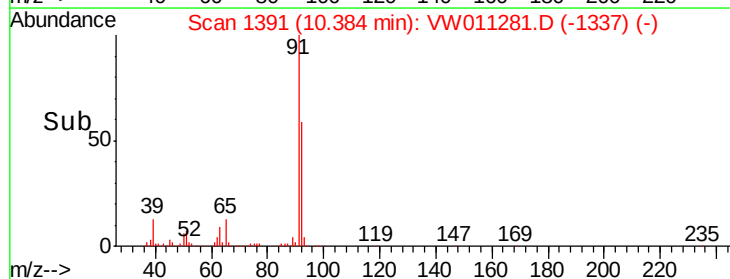
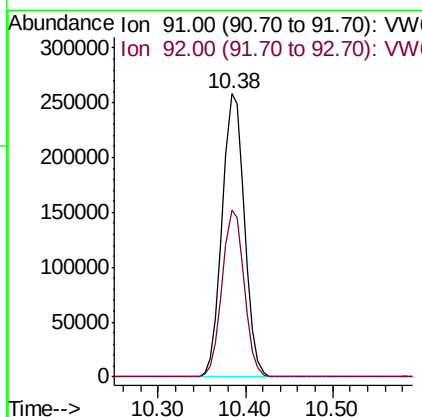
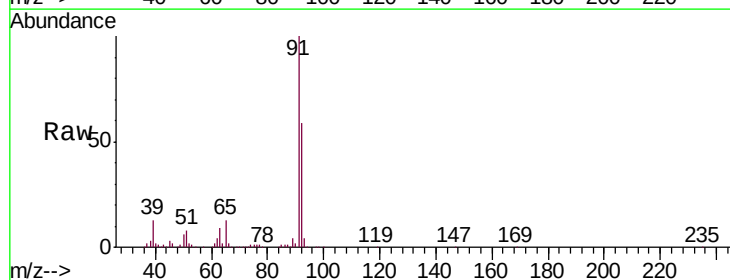
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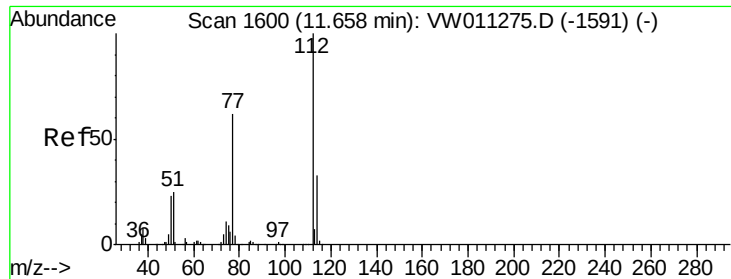
Tgt Ion: 63 Resp: 12485
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#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

Tgt 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

Instrument :

MSVOA_W

ClientSampleId :

DB911MSD

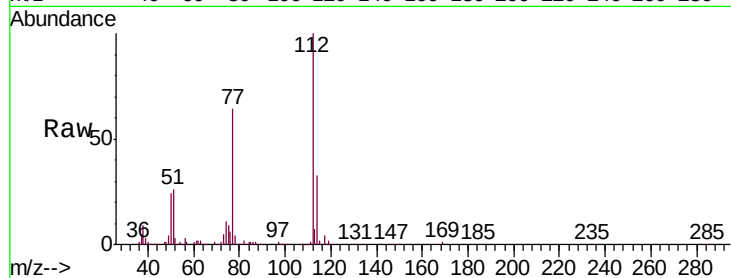
Tgt Ion:112 Resp: 276197

Ion Ratio Lower Upper

112 100

77 64.1 51.2 76.8

114 33.1 22.0 40.8



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 77.00 (76.70 to 77.70): VW

Ion 114.00 (113.70 to 114.70): V

