

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101019\
 Data File : VW013527.D
 Acq On : 10 Oct 2019 19:10
 Operator : SY/VA
 Sample : K5267-03MSD
 Misc : 6.90G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 11 09:03:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 11 07:46:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	408798	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	365383	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	176540	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	123953	26.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.00%
7) Chloroethane-d5	2.89	69	88370	24.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.40%
10) 1,1-Dichloroethene-d2	4.02	63	246935	25.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.72%
20) 2-Butanone-d5	7.08	46	81406	57.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.52%
24) Chloroform-d	7.65	84	228329	25.71	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.84%
26) 1,2-Dichloroethane-d4	8.31	65	126760	27.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.20%
29) Benzene-d6	8.27	84	515083	26.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.28%
33) 1,2-Dichloropropane-d6	9.27	67	153873	26.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.00%
37) Toluene-d8	10.32	98	481803	25.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.72%
38) trans-1,3-Dichloropropene-	10.58	79	68309	26.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.64%
39) 2-Hexanone-d5	10.92	63	64808	55.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	128476	27.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	174827	27.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.24%

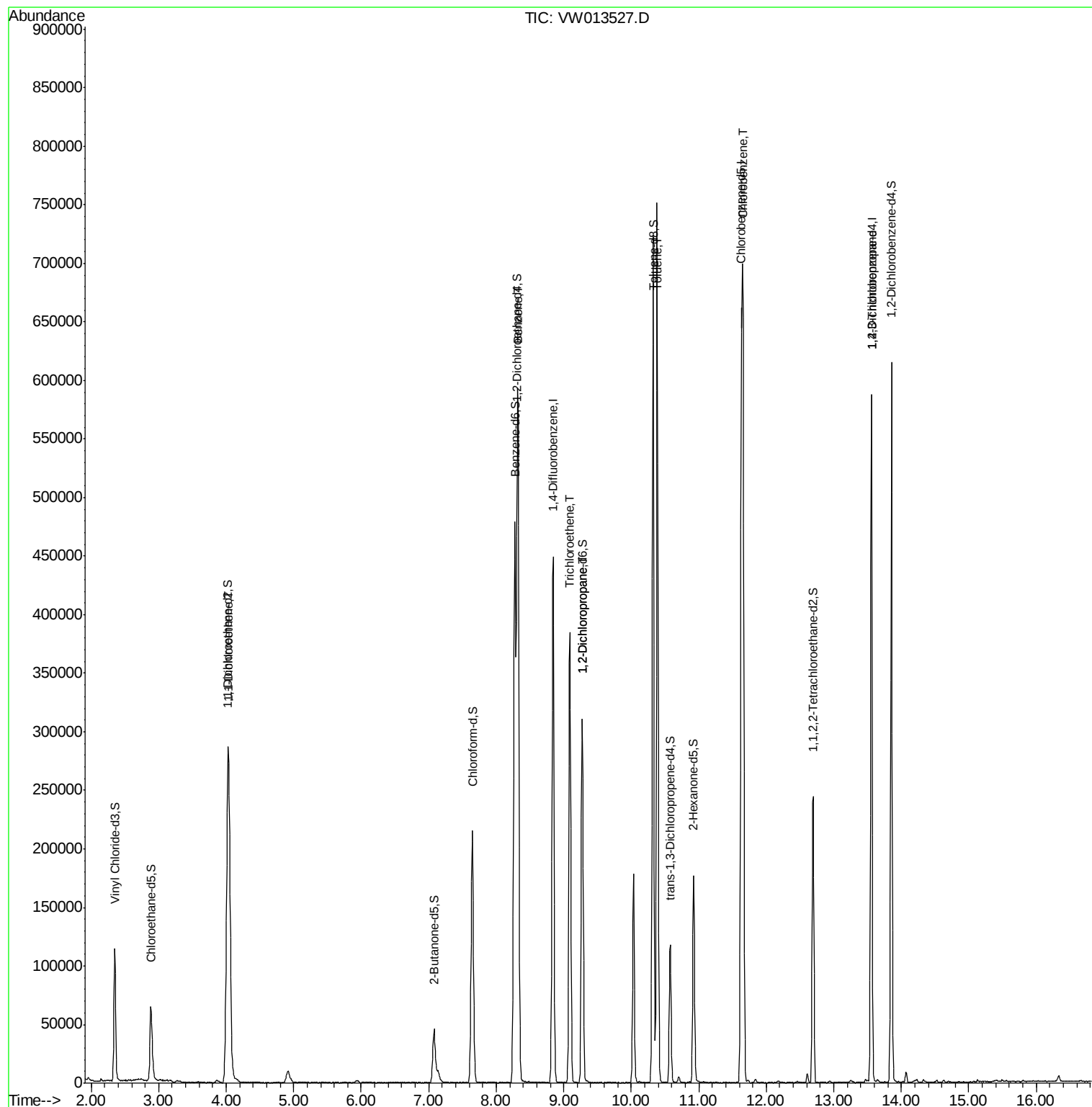
Target Compounds

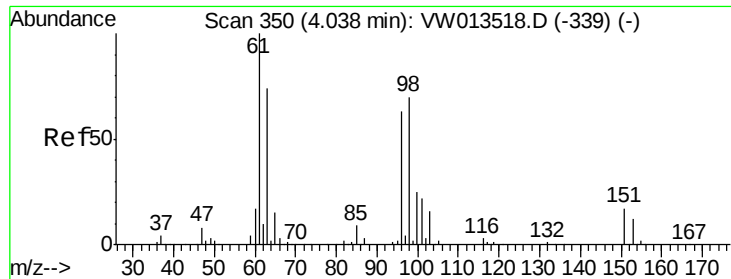
					Ovalue
12) 1,1-Dichloroethene	4.04	96	118352	23.063	ug/L 91
34) Benzene	8.32	78	521683	23.633	ug/L 100
35) Trichloroethene	9.09	95	134324	23.329	ug/L 99
40) 1,2-Dichloropropane	9.27	63	15764	2.964	ug/L # 85
44) Toluene	10.38	91	571406	23.886	ug/L 97
52) Chlorobenzene	11.66	112	364923	24.036	ug/L 99
59) 1,2,3-Trichloropropane	13.55	75	18549	5.209	ug/L 90

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

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QLast Update : Fri Oct 11 07:46:37 2019
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#12

1,1-Dichloroethene

Concen: 23.063 ug/L

RT: 4.04 min Scan# 350

Delta R.T. -0.00 min

Lab File: VW013527.D

Acq: 10 Oct 2019 19:10

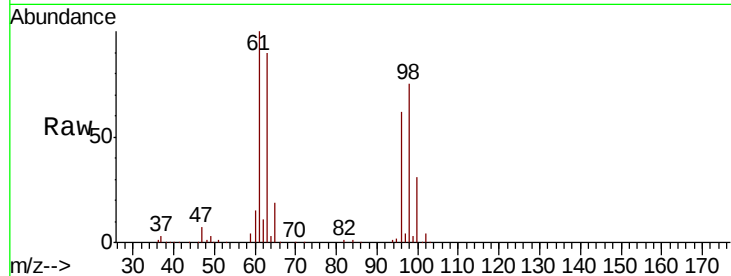
Tot Ion: 96 Resp: 118352

Ion Ratio Lower Upper

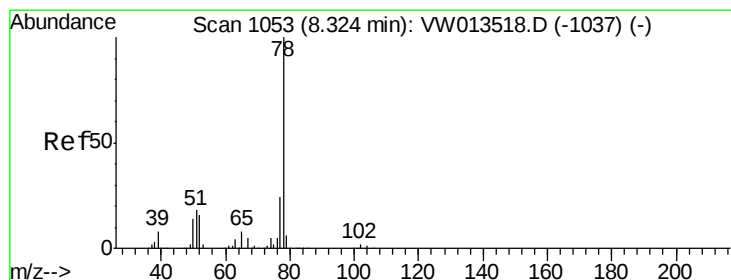
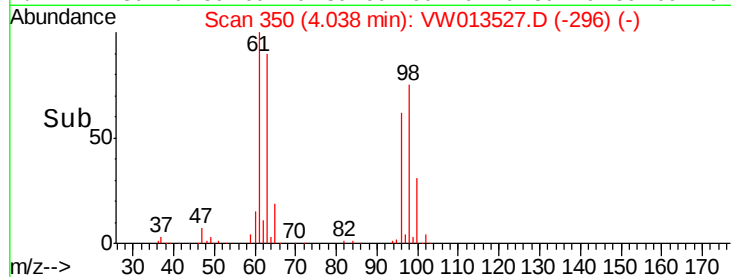
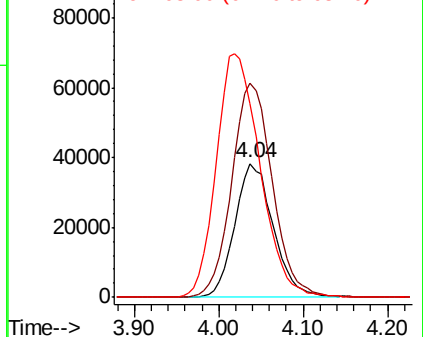
96 100

61 160.6 111.0 206.2

63 145.1 86.3 160.3



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



#34

Benzene

Concen: 23.633 ug/L

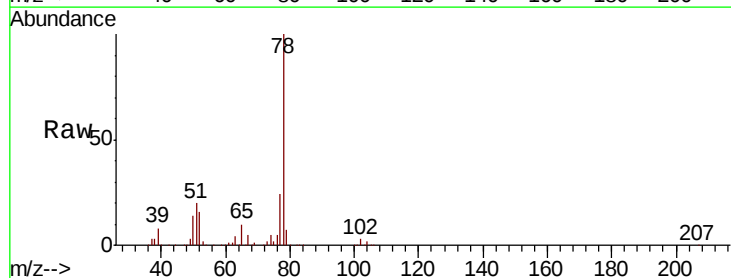
RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

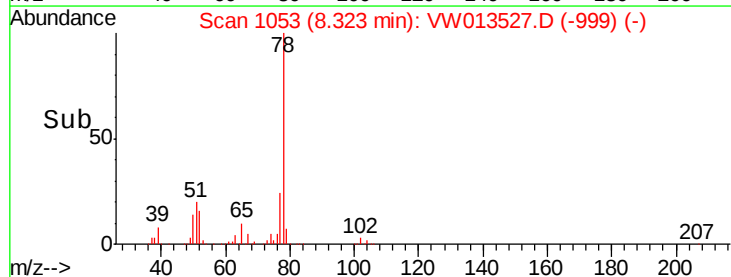
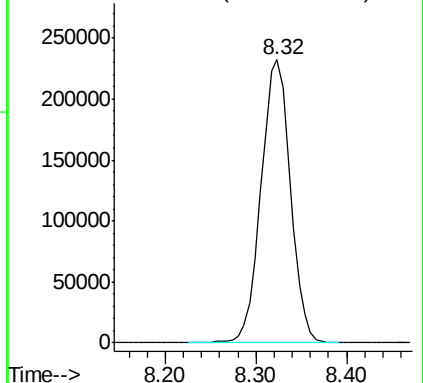
Lab File: VW013527.D

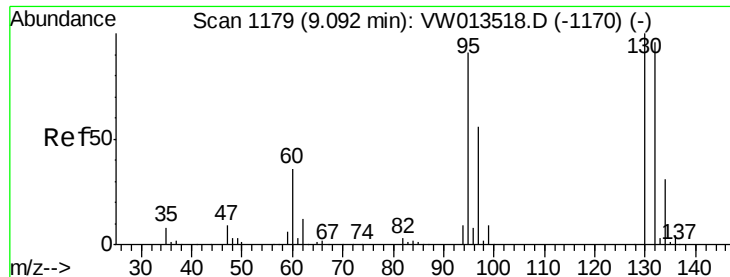
Acq: 10 Oct 2019 19:10

Tgt Ion: 78 Resp: 521683



Abundance Ion 78.00 (77.70 to 78.70): VW





#35

Trichloroethene

Concen: 23.329 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW013527.D

Acq: 10 Oct 2019 19:10

Tot Ion: 95 Resp: 134324

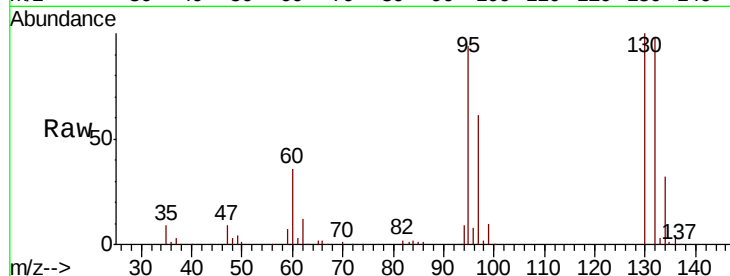
Ion	Ratio	Lower	Upper
95	100		
97	64.1	45.1	83.7
132	106.2	73.6	136.8
130	108.2	76.3	141.7

95 100

97 64.1 45.1 83.7

132 106.2 73.6 136.8

130 108.2 76.3 141.7

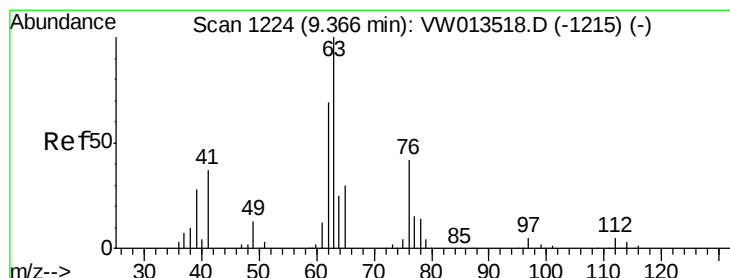
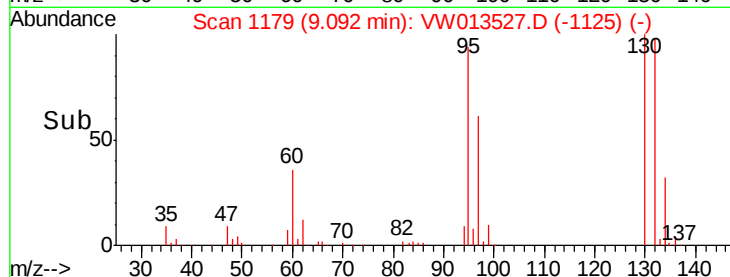
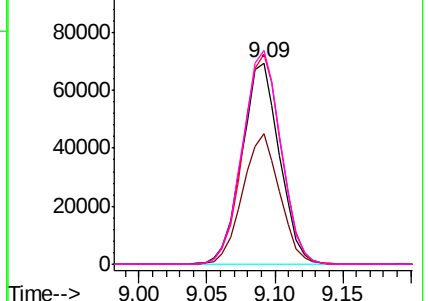


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 2.964 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW013527.D

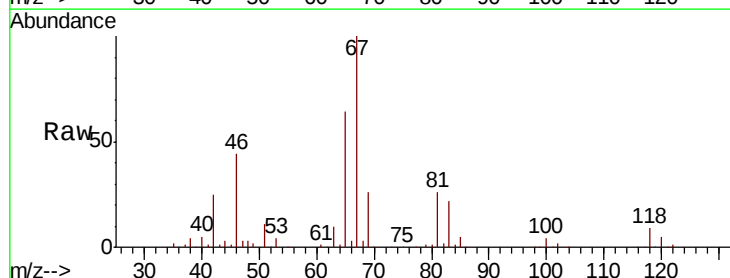
Acq: 10 Oct 2019 19:10

Tgt Ion: 63 Resp: 15764

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#

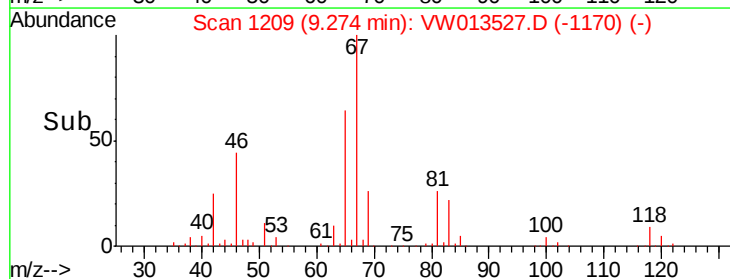
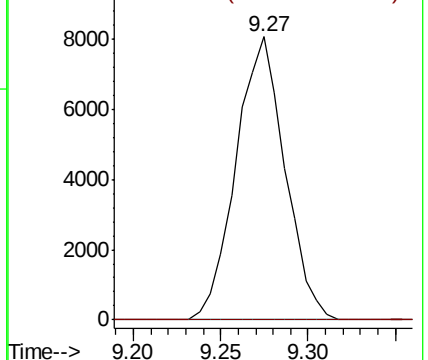
63 100

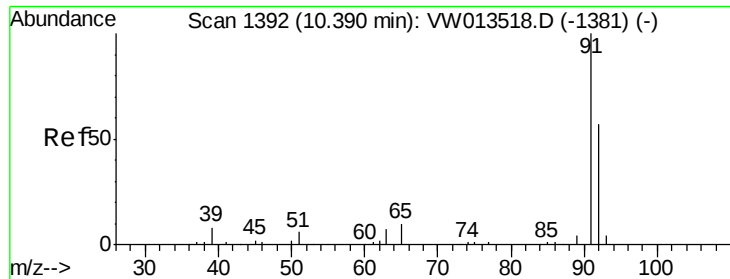
112 0.0 3.8 5.8#



Abundance Ion 63.00 (62.70 to 63.70): VW

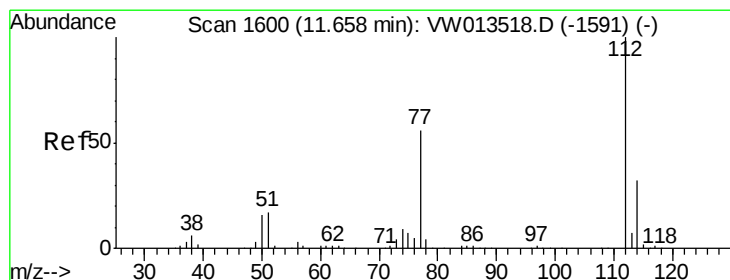
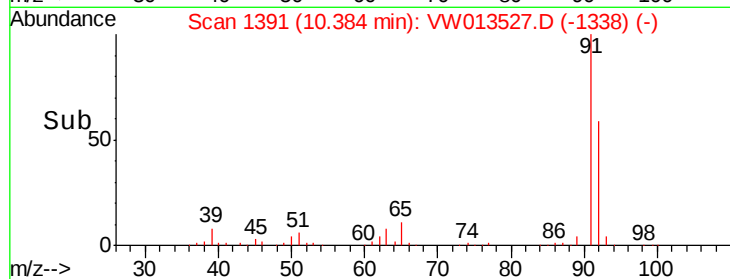
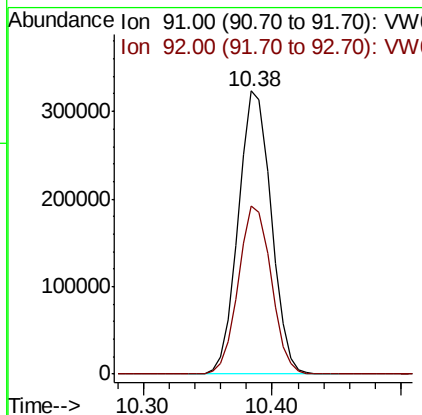
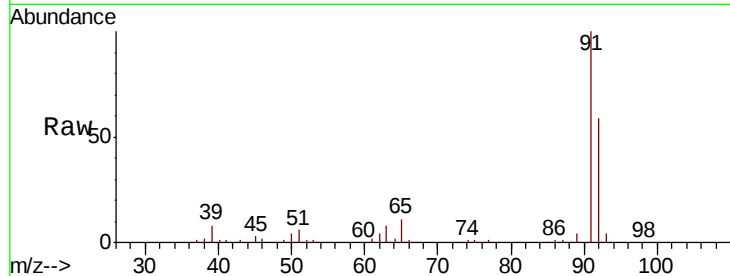
Ion 112.00 (111.70 to 112.70): V





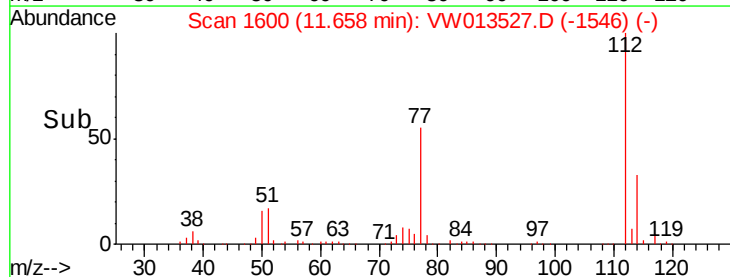
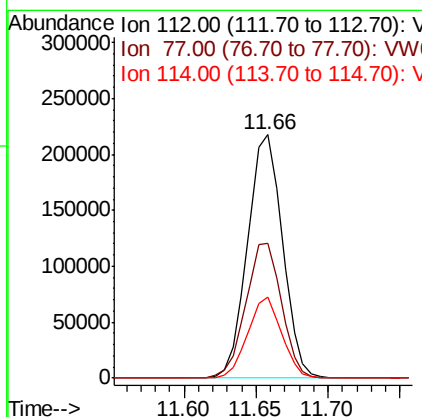
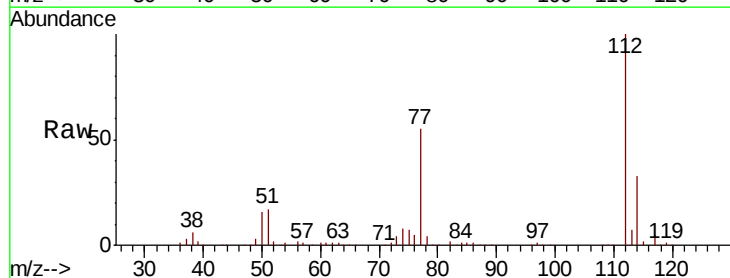
#44
Toluene
Concen: 23.886 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW013527.D
Acq: 10 Oct 2019 19:10

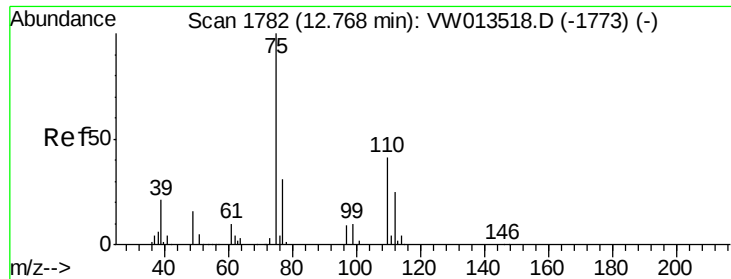
Tot Ion: 91 Resp: 571406
Ion Ratio Lower Upper
91 100
92 59.4 40.0 74.4



#52
Chlorobenzene
Concen: 24.036 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW013527.D
Acq: 10 Oct 2019 19:10

Tgt Ion: 112 Resp: 364923
Ion Ratio Lower Upper
112 100
77 55.2 44.5 66.7
114 33.4 22.7 42.3





#59

1,2,3-Trichloropropane

Concen: 5.209 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW013527.D

Acq: 10 Oct 2019 19:10

Tot Ion: 75 Resp: 18549

Ion Ratio Lower Upper

75 100

77 37.6 25.5 38.3

