

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101019\
 Data File : VW013526.D
 Acq On : 10 Oct 2019 18:44
 Operator : SY/VA
 Sample : K5267-02MS
 Misc : 6.89G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 11 09:03:05 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	454534	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	396914	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	185213	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	133363	25.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.56%
7) Chloroethane-d5	2.89	69	94725	23.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.88%
10) 1,1-Dichloroethene-d2	4.02	63	270556	25.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.24%
20) 2-Butanone-d5	7.08	46	65426	41.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.50%
24) Chloroform-d	7.65	84	240422	24.35	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	8.31	65	122493	23.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.80%
29) Benzene-d6	8.27	84	548978	25.82	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.28%
33) 1,2-Dichloropropane-d6	9.27	67	160573	25.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.84%
37) Toluene-d8	10.32	98	511146	25.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.32%
38) trans-1,3-Dichloropropene-	10.58	79	65302	23.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.96%
39) 2-Hexanone-d5	10.92	63	53151	42.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	109398	21.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	171749	25.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.20%

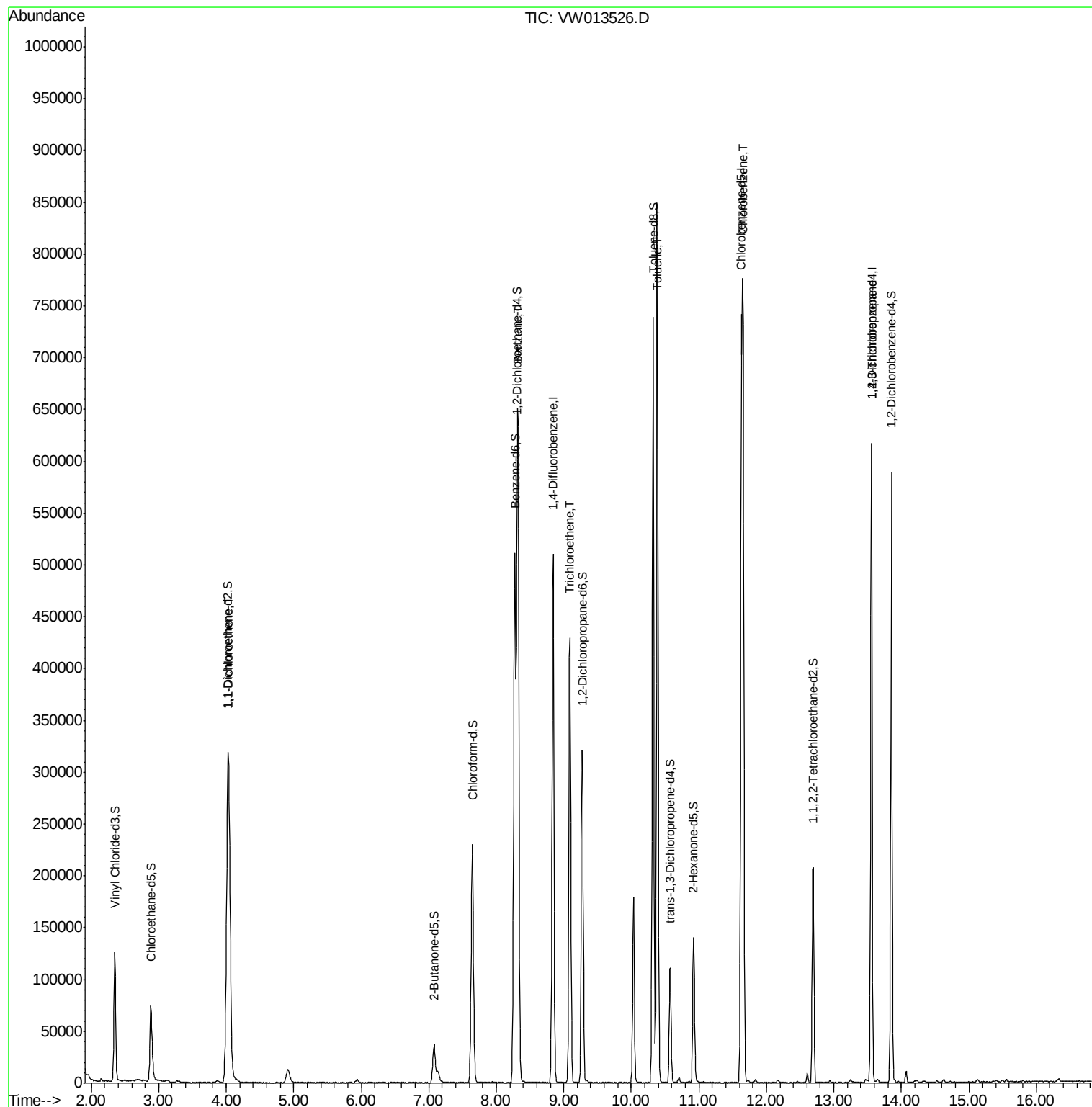
Target Compounds

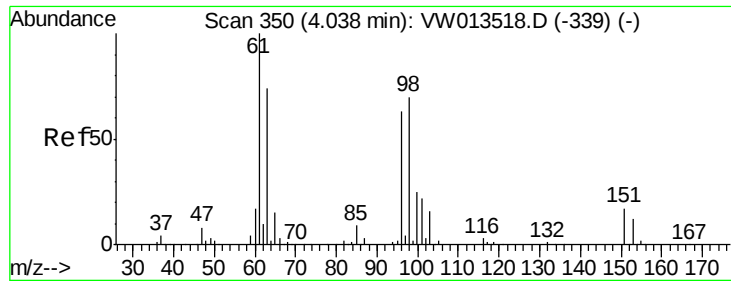
					Ovalue
12) 1,1-Dichloroethene	4.04	96	135881	23.815 ug/L	95
34) Benzene	8.32	78	595515	24.835 ug/L	100
35) Trichloroethene	9.09	95	154652	24.726 ug/L	99
44) Toluene	10.38	91	650229	25.022 ug/L	97
52) Chlorobenzene	11.66	112	406345	24.638 ug/L	100
59) 1,2,3-Trichloropropane	13.55	75	19550	5.054 ug/L	99

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

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Quant Title : VOC Analysis
QLast Update : Fri Oct 11 07:46:37 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 23.815 ug/L

RT: 4.04 min Scan# 350

Delta R.T. -0.00 min

Lab File: VW013526.D

Acq: 10 Oct 2019 18:44

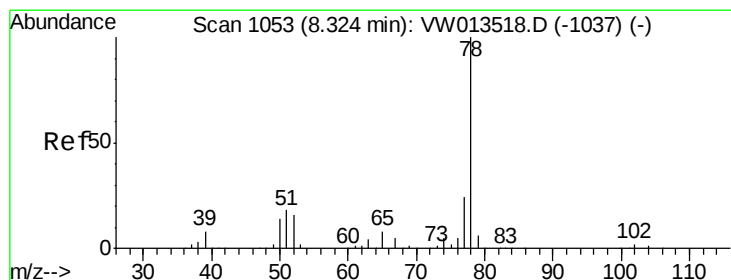
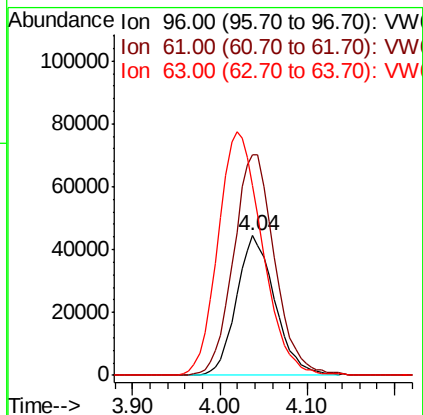
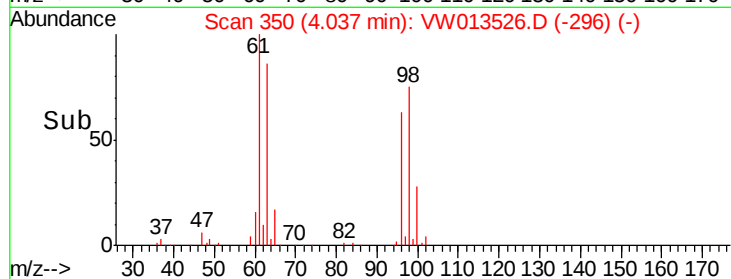
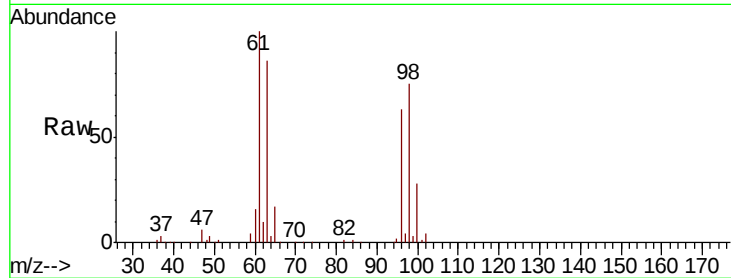
Tot Ion: 96 Resp: 135881

Ion Ratio Lower Upper

96 100

61 157.9 111.0 206.2

63 136.3 86.3 160.3



#34

Benzene

Concen: 24.835 ug/L

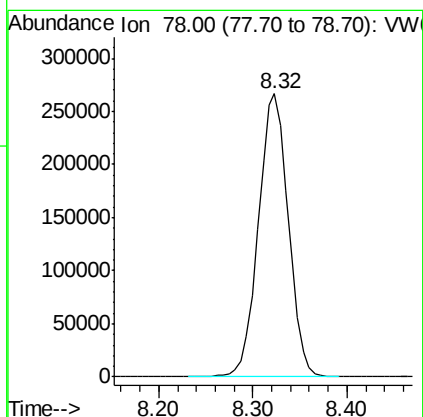
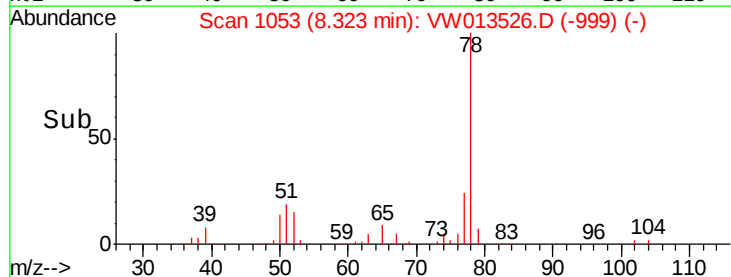
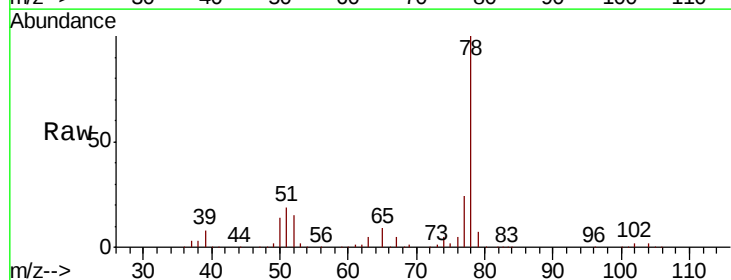
RT: 8.32 min Scan# 1053

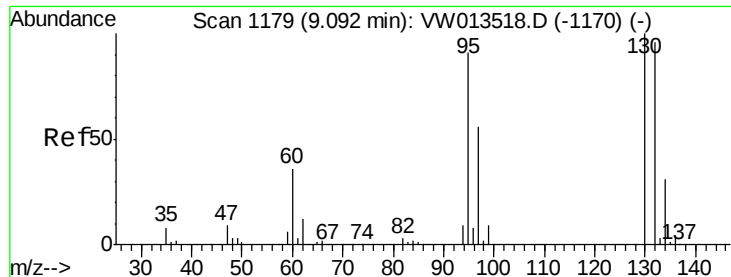
Delta R.T. -0.00 min

Lab File: VW013526.D

Acq: 10 Oct 2019 18:44

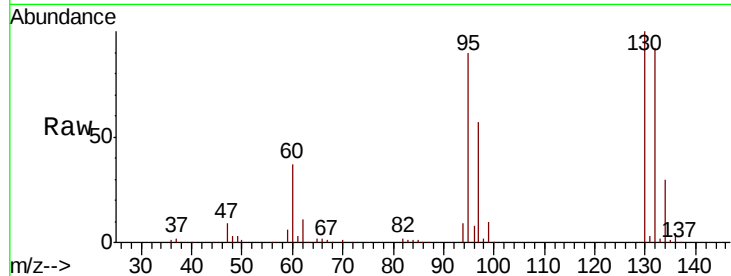
Tgt Ion: 78 Resp: 595515



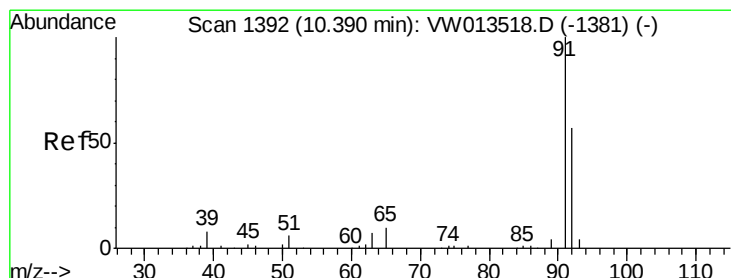
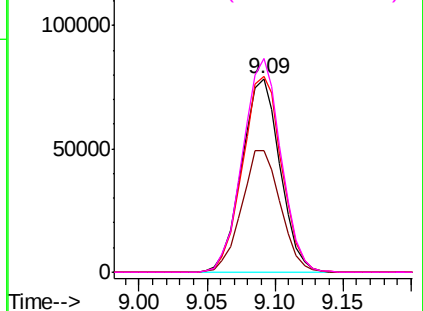
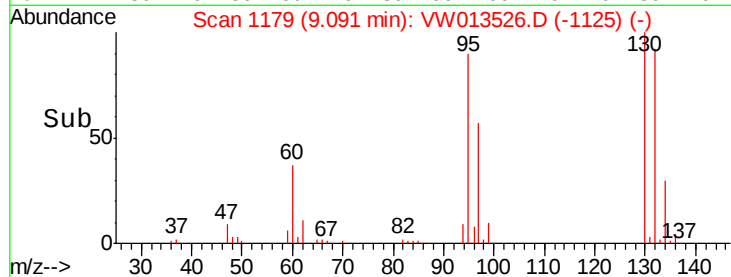


#35
 Trichloroethene
 Concen: 24.726 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VW013526.D
 Acq: 10 Oct 2019 18:44

Tot Ion: 95 Resp: 154652
 Ion Ratio Lower Upper
 95 100
 97 63.9 45.1 83.7
 132 103.5 73.6 136.8
 130 110.3 76.3 141.7

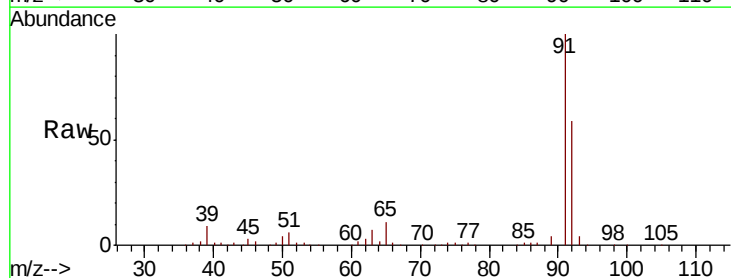


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

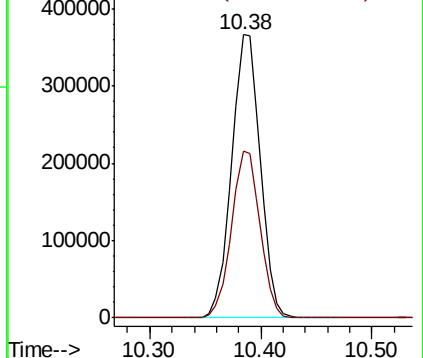
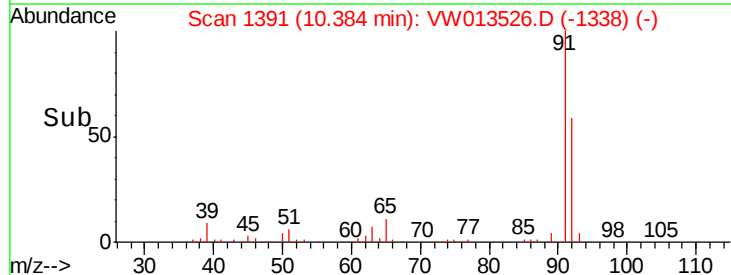


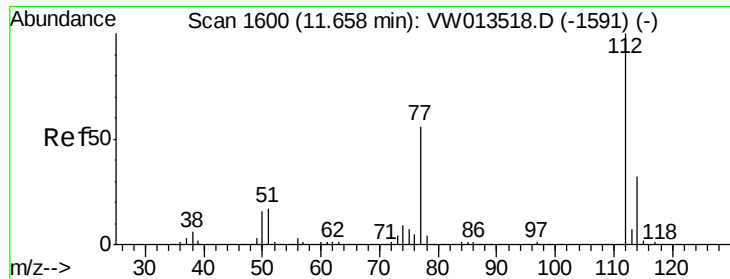
#44
 Toluene
 Concen: 25.022 ug/L
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW013526.D
 Acq: 10 Oct 2019 18:44

Tgt Ion: 91 Resp: 650229
 Ion Ratio Lower Upper
 91 100
 92 59.2 40.0 74.4



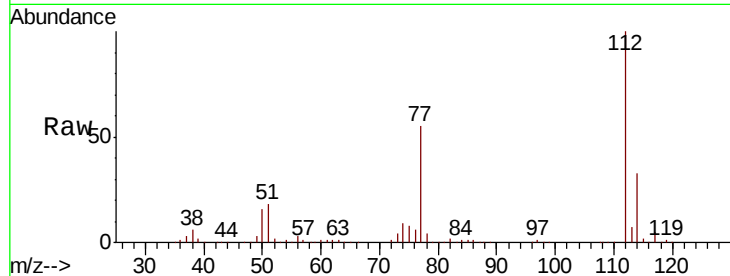
Abundance Ion 91.00 (90.70 to 91.70): VW
 Ion 92.00 (91.70 to 92.70): VW



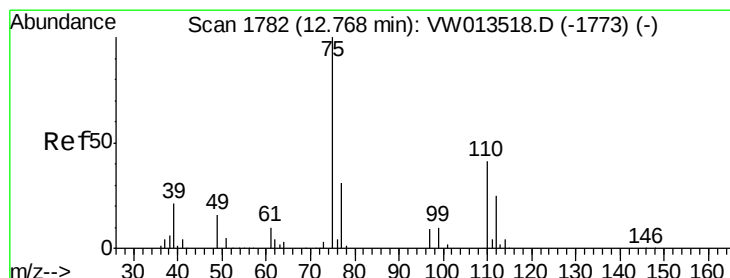
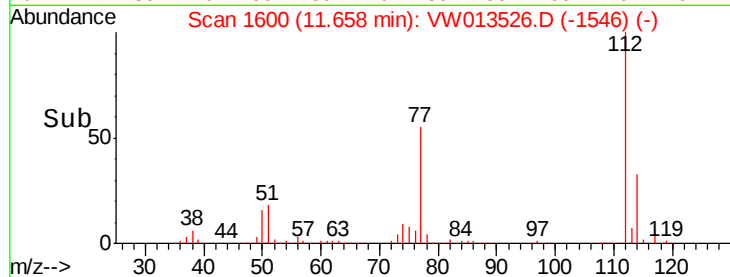
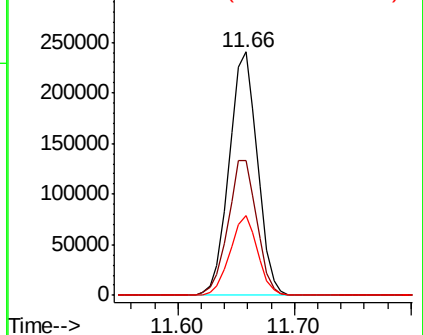


#52
Chlorobenzene
Concen: 24.638 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW013526.D
Acq: 10 Oct 2019 18:44

Tot Ion:112 Resp: 406345
Ion Ratio Lower Upper
112 100
77 55.4 44.5 66.7
114 32.6 22.7 42.3

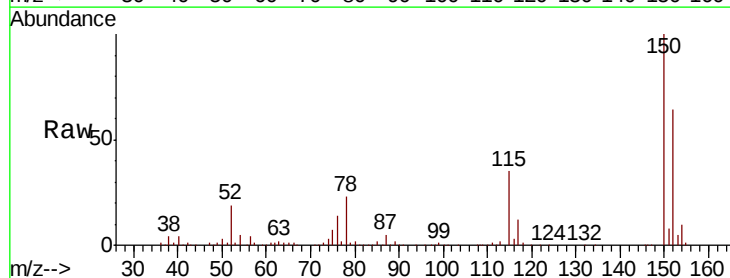


Abundance Ion 112.00 (111.70 to 112.70): V
Ion 77.00 (76.70 to 77.70): VW
Ion 114.00 (113.70 to 114.70): V



#59
1,2,3-Trichloropropane
Concen: 5.054 ug/L
RT: 13.55 min Scan# 1911
Delta R.T. 0.79 min
Lab File: VW013526.D
Acq: 10 Oct 2019 18:44

Tgt Ion: 75 Resp: 19550
Ion Ratio Lower Upper
75 100
77 32.4 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VW
Ion 77.00 (76.70 to 77.70): VW

