

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111918\
 Data File : VW006941.D
 Acq On : 19 Nov 2018 12:58
 Operator : SY/AP
 Sample : J5979-03MS
 Misc : 5.06G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETO65MS

Quant Time: Nov 20 06:33:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 20 06:18:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	143829	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	126154	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	46513	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	28563	22.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.48%
7) Chloroethane-d5	2.89	69	22738	24.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.04%
10) 1,1-Dichloroethene-d2	4.03	63	78510	23.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.08%
20) 2-Butanone-d5	7.09	46	26853	38.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.32%
24) Chloroform-d	7.65	84	76596	24.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.24%
26) 1,2-Dichloroethane-d4	8.31	65	48336	26.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.60%
29) Benzene-d6	8.28	84	158920	24.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.40%
33) 1,2-Dichloropropane-d6	9.28	67	49793	24.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.68%
37) Toluene-d8	10.33	98	155553	23.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.12%
38) trans-1,3-Dichloropropene-	10.58	79	19946	23.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.00%
39) 2-Hexanone-d5	10.93	63	20010	39.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	37460	21.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	39279	22.30	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.20%

Target Compounds

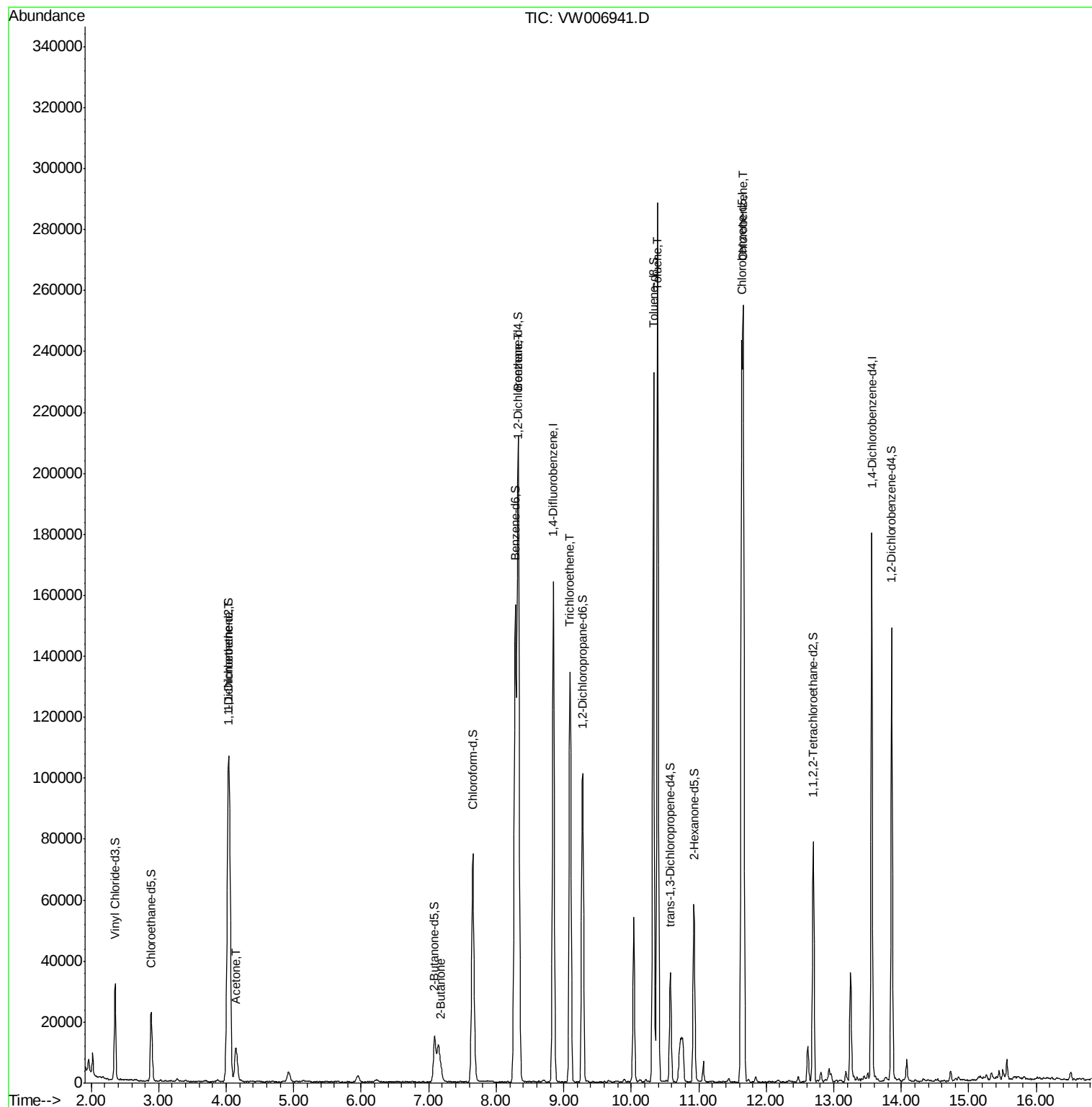
					Qvalue
12) 1,1-Dichloroethene	4.04	96	41125	25.028 ug/L	95
13) Acetone	4.14	43	20849	45.988 ug/L	99
21) 2-Butanone	7.18	43	6529	8.347 ug/L	95
34) Benzene	8.33	78	185497	26.293 ug/L	100
35) Trichloroethene	9.10	95	49348	25.681 ug/L	99
44) Toluene	10.39	91	211436	26.174 ug/L	98
52) Chlorobenzene	11.66	112	127714	25.136 ug/L	99

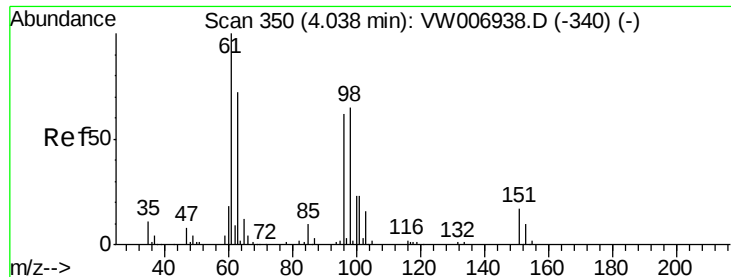
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 20 06:18:45 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 25.028 ug/L

RT: 4.04 min Scan# 351

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

ETO65MS

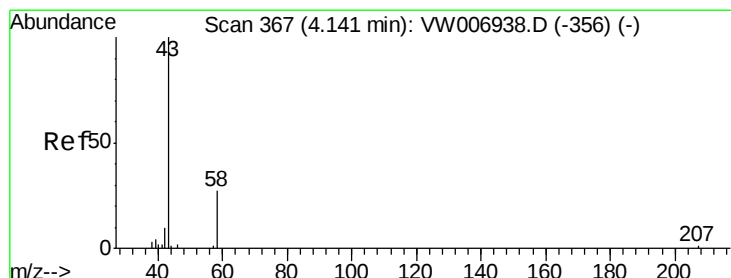
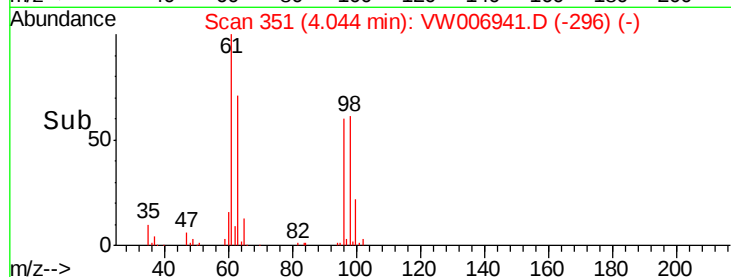
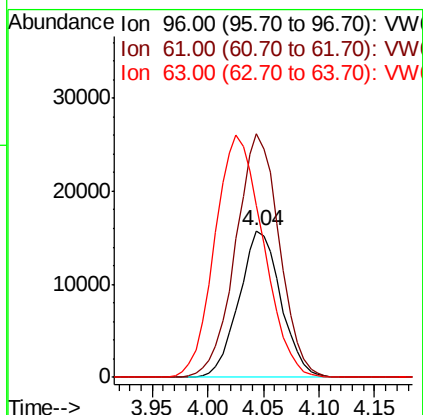
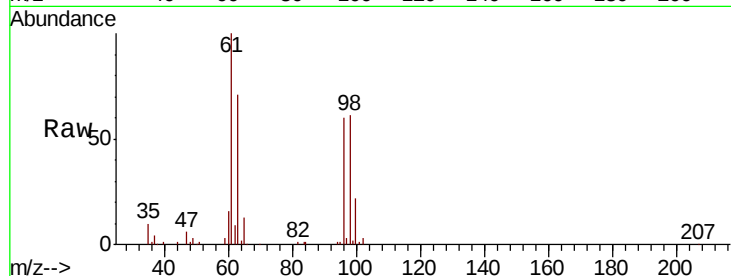
Tgt Ion: 96 Resp: 41125

Ion Ratio Lower Upper

96 100

61 165.7 116.3 215.9

63 117.1 73.4 136.4



#13

Acetone

Concen: 45.988 ug/L

RT: 4.14 min Scan# 367

Delta R.T. -0.00 min

Lab File: VW006941.D

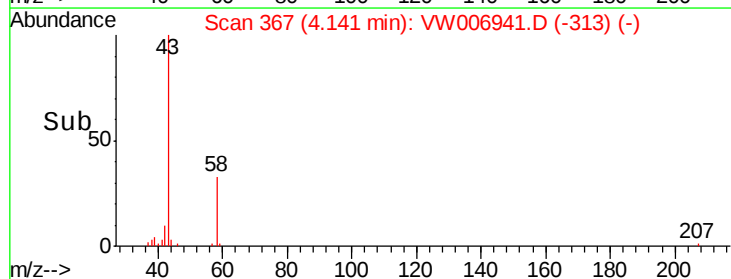
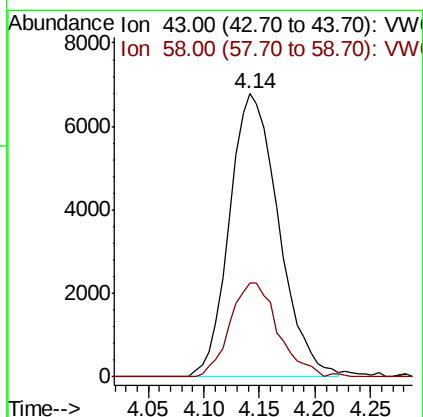
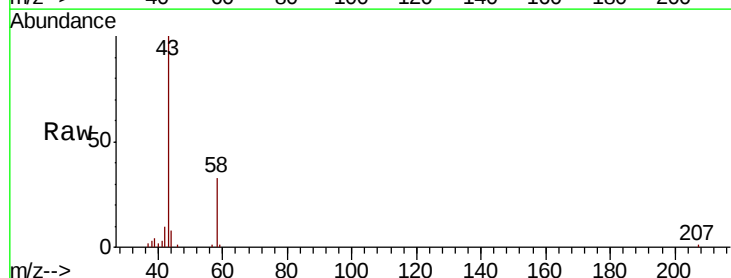
Acq: 19 Nov 2018 12:58

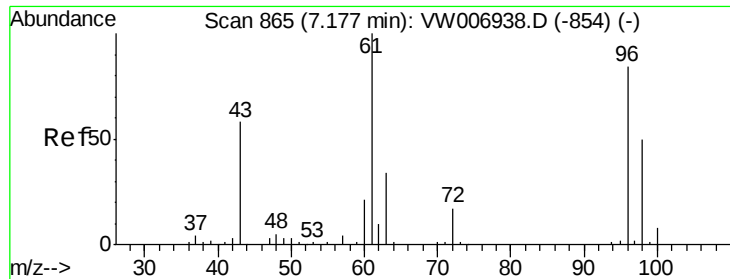
Tgt Ion: 43 Resp: 20849

Ion Ratio Lower Upper

43 100

58 32.0 0.0 65.6





#21

2-Butanone

Concen: 8.347 ug/L

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW006941.D

Acq: 19 Nov 2018 12:58

Instrument :

MSVOA_W

ClientSampleId :

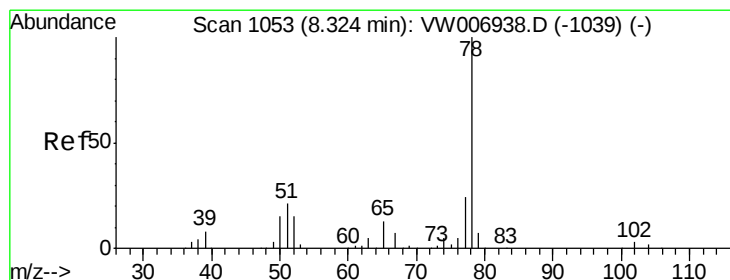
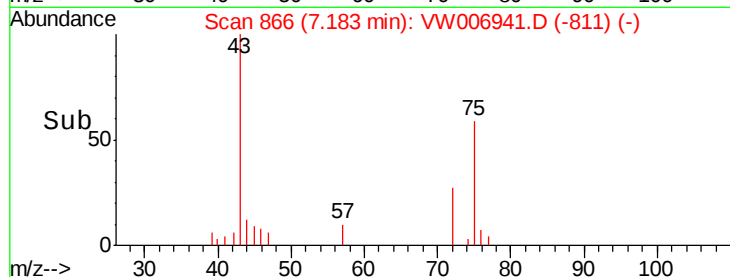
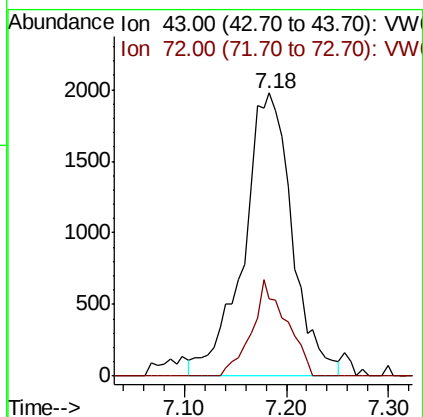
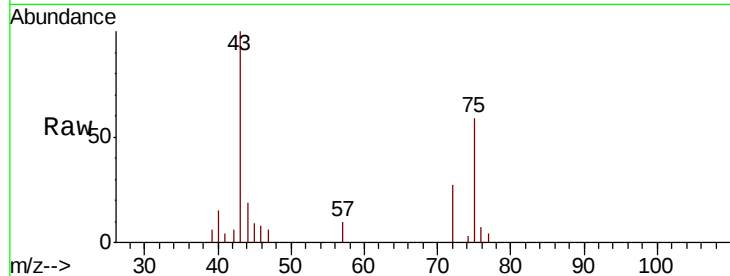
ETO65MS

Tgt Ion: 43 Resp: 6529

Ion Ratio Lower Upper

43 100

72 24.3 13.5 40.5



#34

Benzene

Concen: 26.293 ug/L

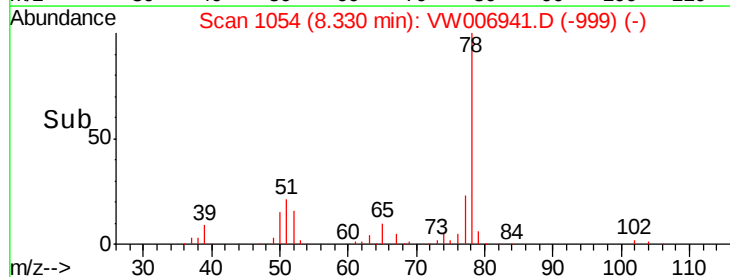
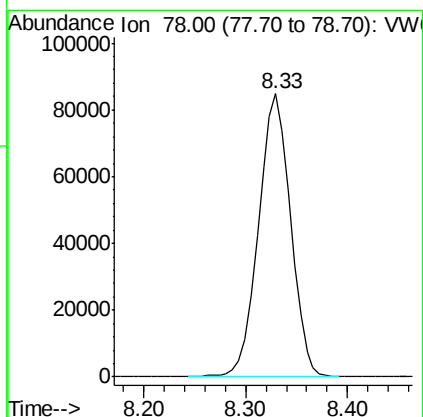
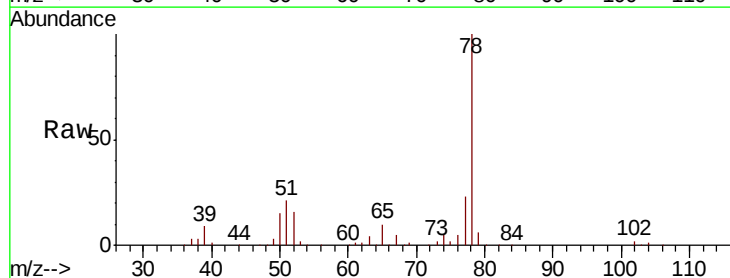
RT: 8.33 min Scan# 1054

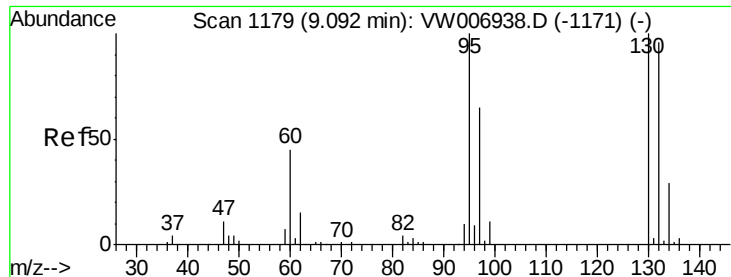
Delta R.T. 0.01 min

Lab File: VW006941.D

Acq: 19 Nov 2018 12:58

Tgt Ion: 78 Resp: 185497





#35

Trichloroethene

Concen: 25.681 ug/L

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW006941.D

Acq: 19 Nov 2018 12:58

Instrument :

MSVOA_W

ClientSampleId :

ETO65MS

Tgt Ion: 95 Resp: 49348

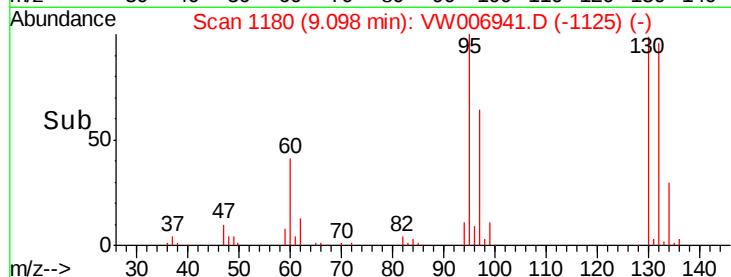
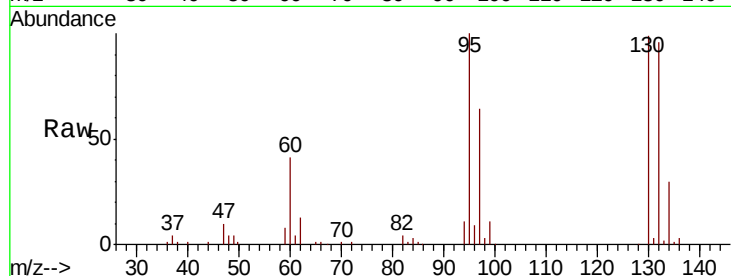
Ion Ratio Lower Upper

95 100

97 64.2 45.1 83.9

132 95.6 65.7 121.9

130 99.2 68.7 127.7

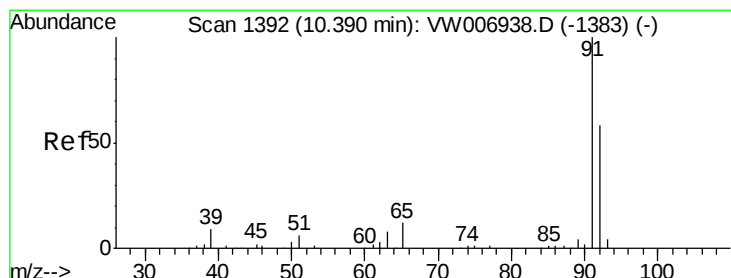
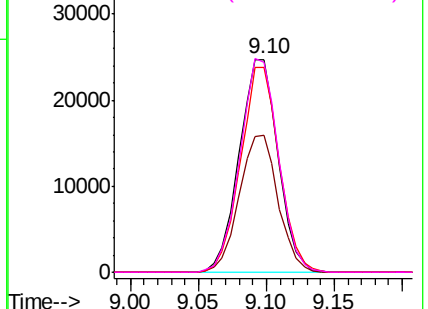


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 26.174 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006941.D

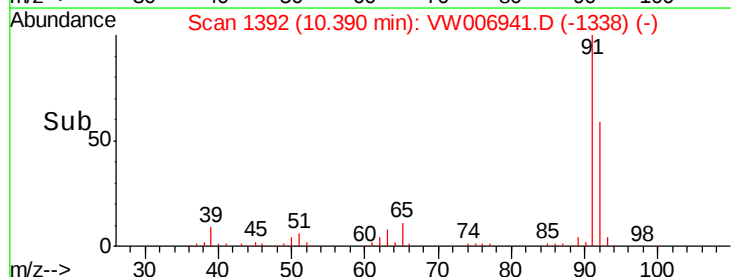
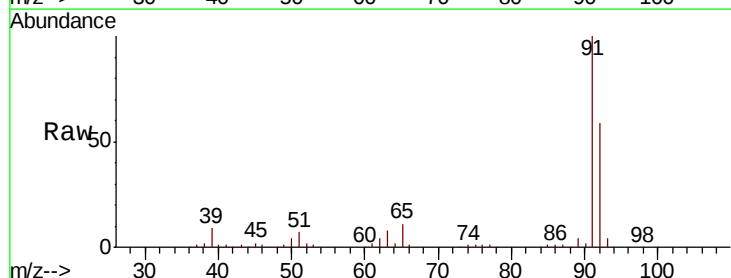
Acq: 19 Nov 2018 12:58

Tgt Ion: 91 Resp: 211436

Ion Ratio Lower Upper

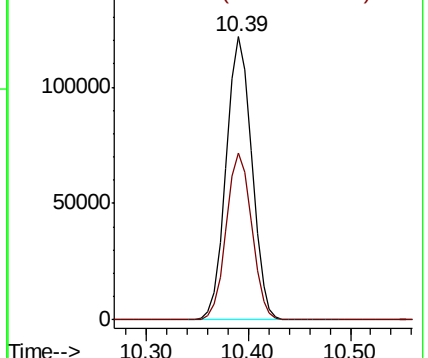
91 100

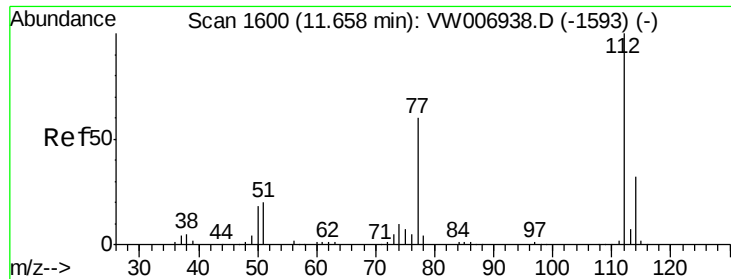
92 59.0 40.5 75.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW





#52

Chlorobenzene

Concen: 25.136 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

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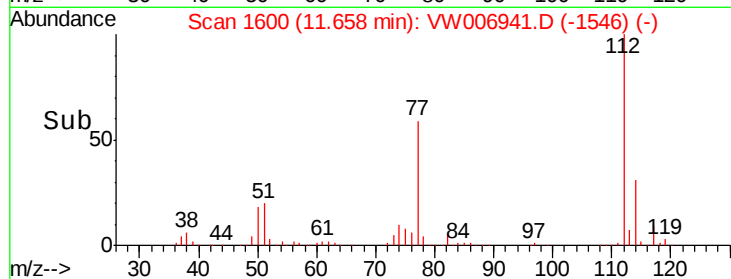
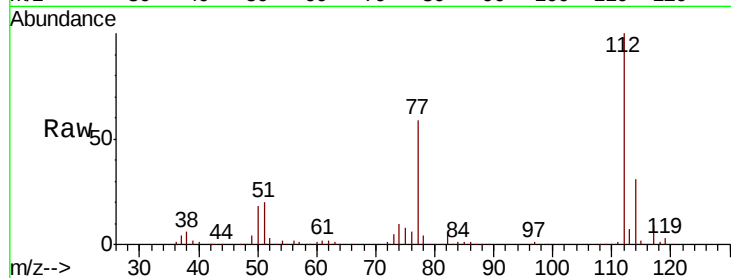
Tgt Ion:112 Resp: 127714

Ion Ratio Lower Upper

112 100

77 59.2 47.8 71.8

114 31.2 22.3 41.5



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

