

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091418\
 Data File : VW005366.D
 Acq On : 13 Sep 2018 22:53
 Operator : SY/AP
 Sample : J4865-03MS
 Misc : 4.49G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB3N2MS

Quant Time: Sep 14 06:58:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091318S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 14 06:56:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	305845	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	297008	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	128666	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	70140	19.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.48%
7) Chloroethane-d5	2.89	69	55190	22.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.44%
10) 1,1-Dichloroethene-d2	4.03	63	140918	22.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.44%
20) 2-Butanone-d5	7.10	46	39988	30.08	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.16%
24) Chloroform-d	7.65	84	133845	23.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.84%
26) 1,2-Dichloroethane-d4	8.31	65	88072	24.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.56%
29) Benzene-d6	8.28	84	264598	22.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.76%
33) 1,2-Dichloropropane-d6	9.28	67	82045	24.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.44%
37) Toluene-d8	10.33	98	263338	21.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.20%
38) trans-1,3-Dichloropropene-	10.59	79	37592	22.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.28%
39) 2-Hexanone-d5	10.93	63	31800	30.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.02%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	70297	19.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	92506	23.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.84%

Target Compounds

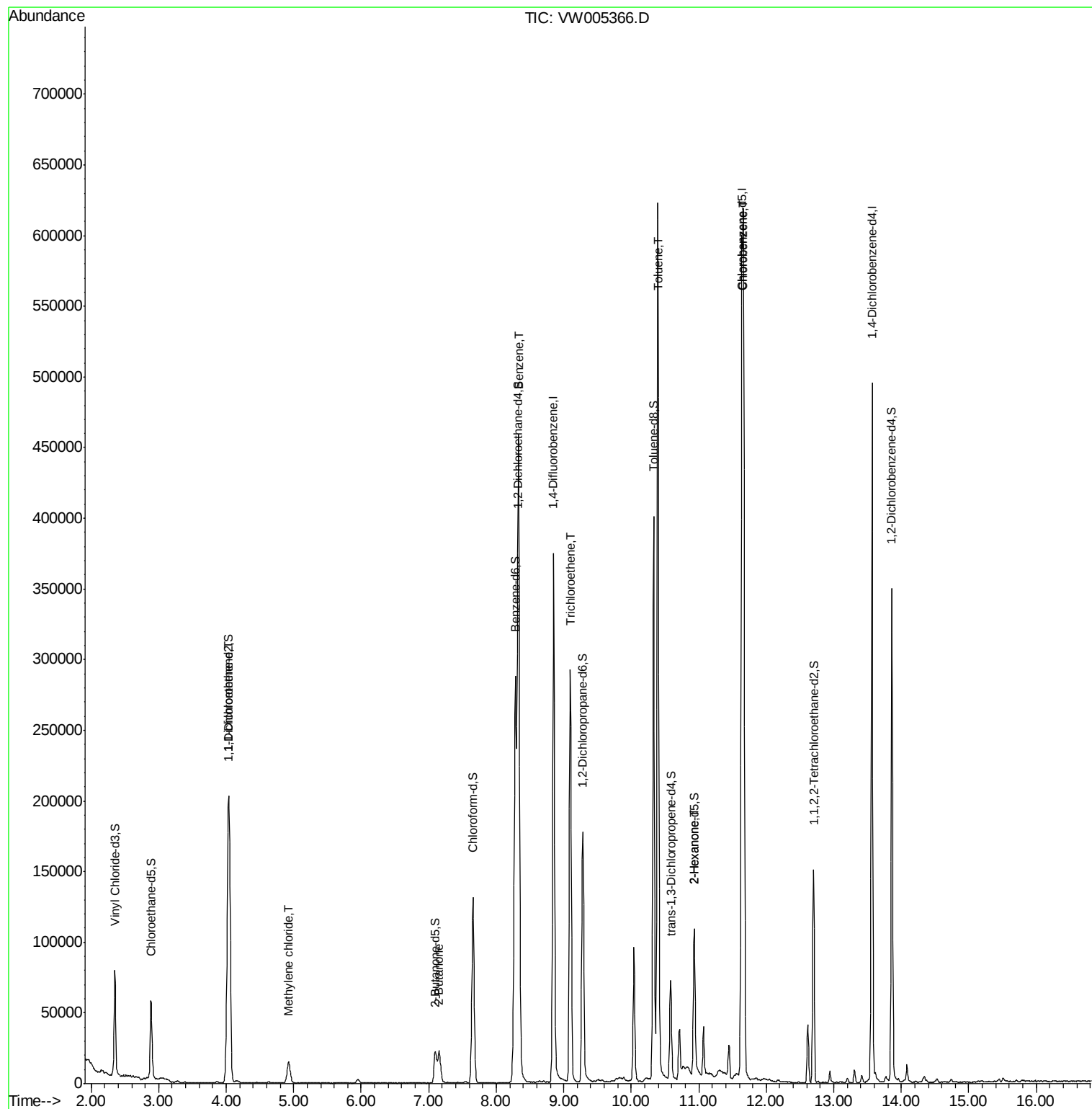
					Qvalue
12) 1,1-Dichloroethene	4.04	96	82148	24.680 ug/L	96
16) Methylene chloride	4.92	84	11208	1.930 ug/L	91
21) 2-Butanone	7.15	43	1648	0.862 ug/L #	52
34) Benzene	8.33	78	402003	24.295 ug/L	100
35) Trichloroethene	9.10	95	100597	22.906 ug/L	99
44) Toluene	10.40	91	466306	24.595 ug/L	99
49) 2-Hexanone	10.93	43	6044	2.105 ug/L #	67
52) Chlorobenzene	11.66	112	292224	23.620 ug/L	97

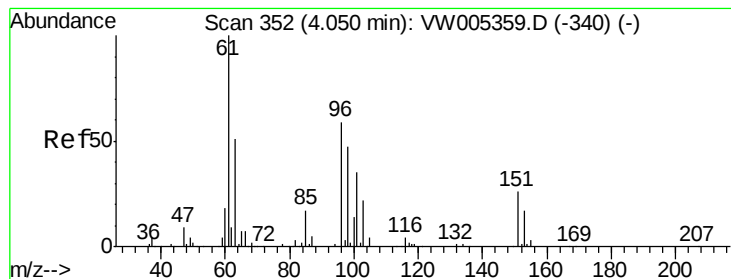
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091318S.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 14 06:56:14 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 24.680 ug/L

RT: 4.04 min Scan# 351

Delta R.T. 0.00 min

Lab File: VW005366.D

Acq: 13 Sep 2018 22:53

Instrument :

MSVOA_W

ClientSampleId :

DB3N2MS

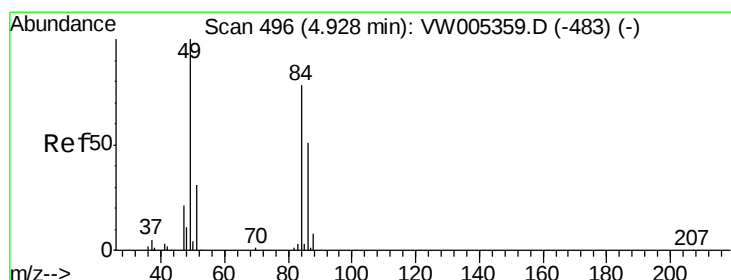
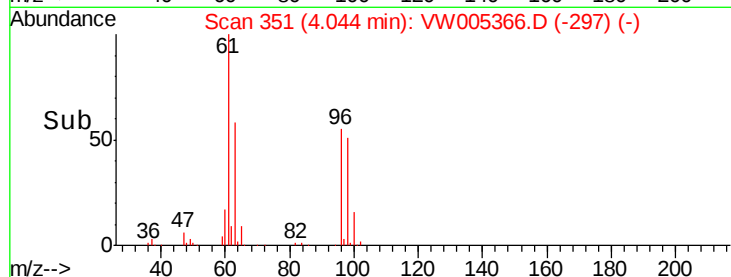
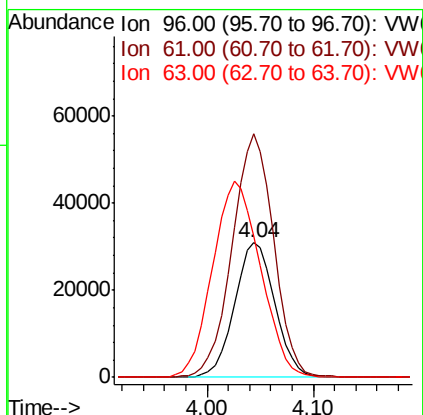
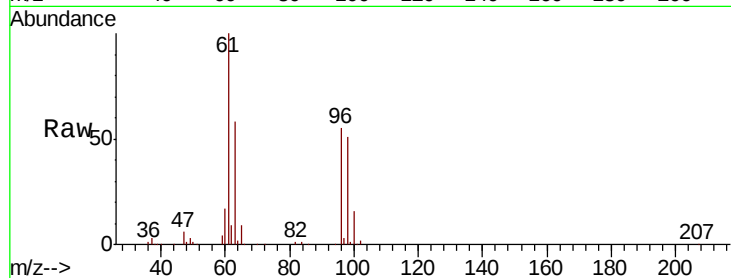
Tgt Ion: 96 Resp: 82148

Ion Ratio Lower Upper

96 100

61 181.0 123.3 229.1

63 105.2 69.4 128.8



#16

Methylene chloride

Concen: 1.930 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW005366.D

Acq: 13 Sep 2018 22:53

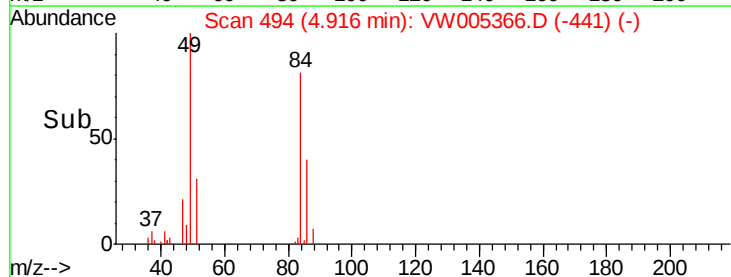
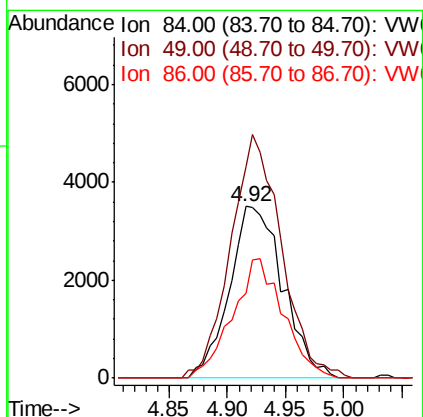
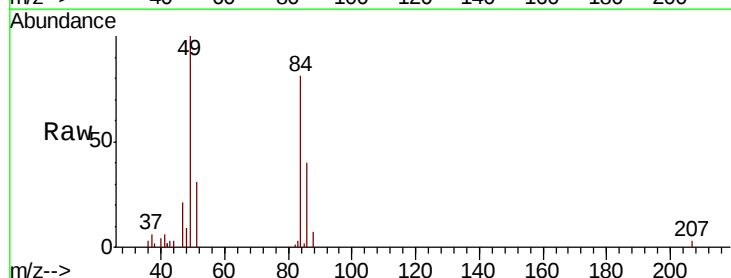
Tgt Ion: 84 Resp: 11208

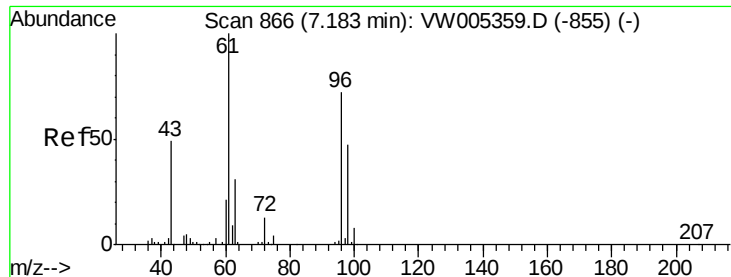
Ion Ratio Lower Upper

84 100

49 123.7 90.9 168.7

86 49.8 43.6 81.0





#21

2-Butanone

Concen: 0.862 ug/L

RT: 7.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: VW005366.D

Acq: 13 Sep 2018 22:53

Instrument :

MSVOA_W

ClientSampleId :

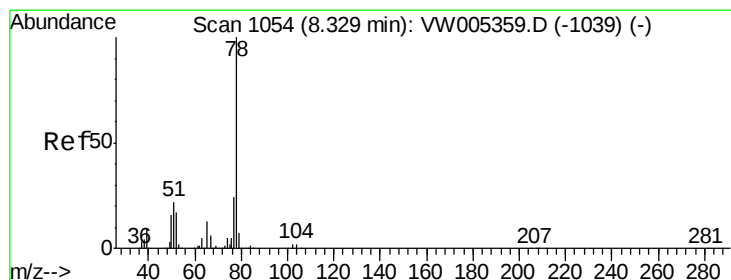
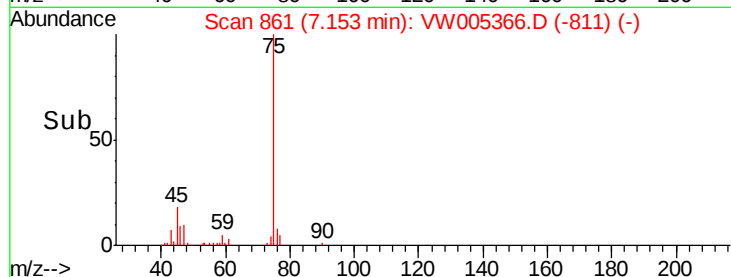
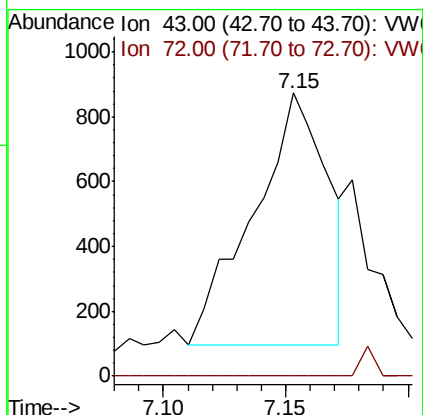
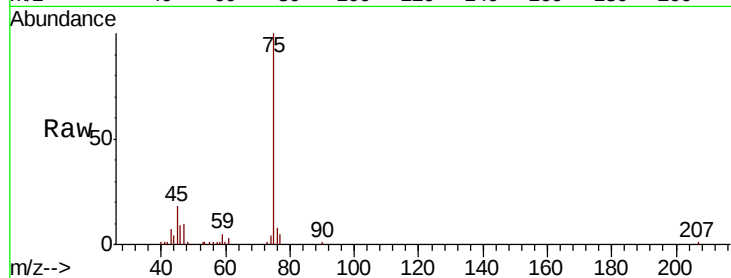
DB3N2MS

Tgt Ion: 43 Resp: 1648

Ion Ratio Lower Upper

43 100

72 0.0 11.8 35.4#



#34

Benzene

Concen: 24.295 ug/L

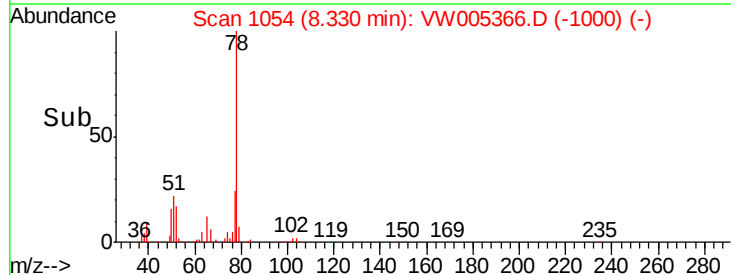
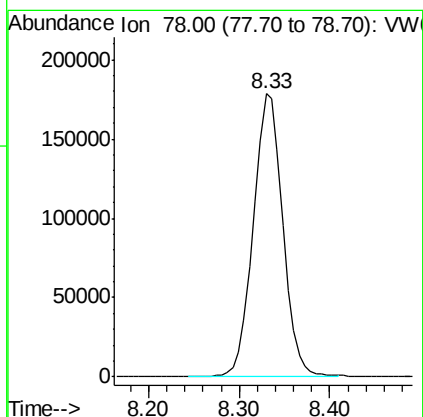
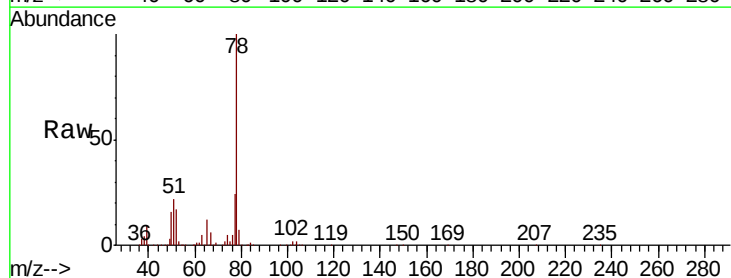
RT: 8.33 min Scan# 1054

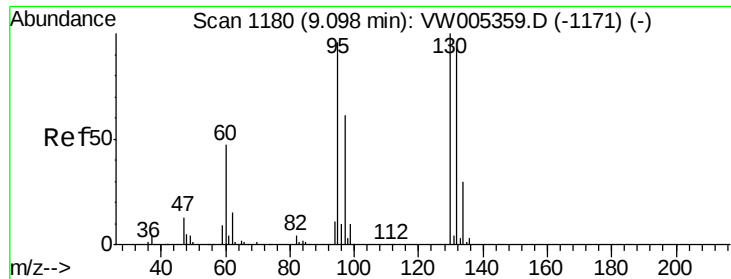
Delta R.T. 0.00 min

Lab File: VW005366.D

Acq: 13 Sep 2018 22:53

Tgt Ion: 78 Resp: 402003





#35

Trichloroethene

Concen: 22.906 ug/L

RT: 9.10 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VW005366.D

Acq: 13 Sep 2018 22:53

Instrument :

MSVOA_W

ClientSampleId :

DB3N2MS

Tgt Ion: 95 Resp: 100597

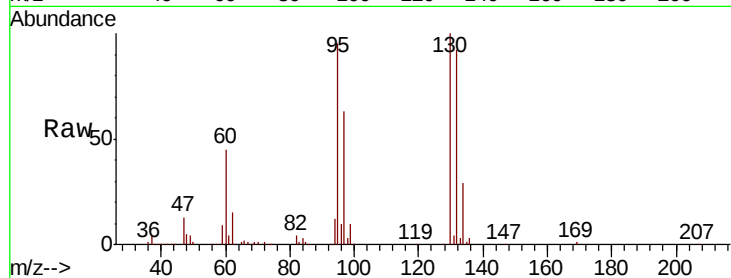
Ion Ratio Lower Upper

95 100

97 64.9 45.0 83.6

132 96.9 67.2 124.8

130 100.4 68.8 127.8



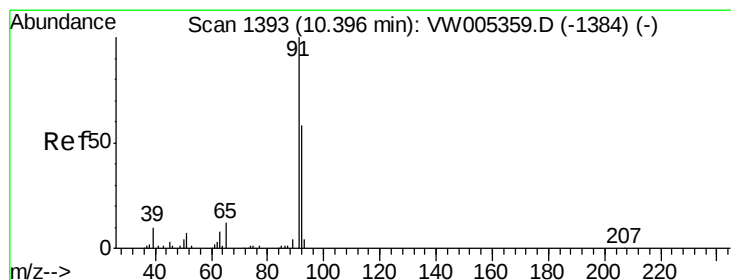
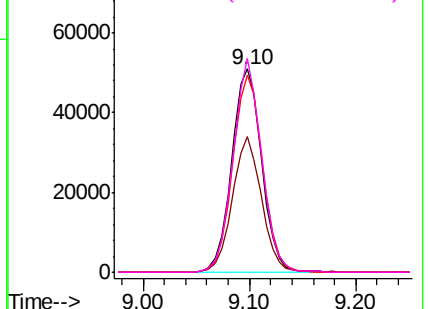
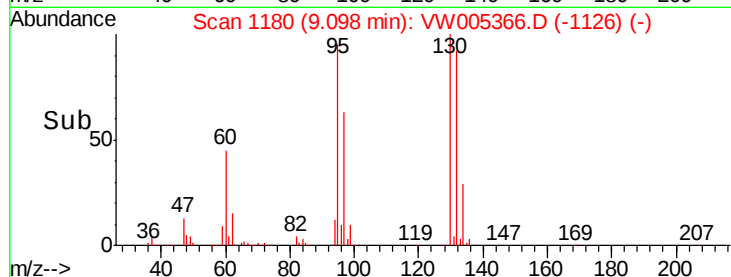
Abundance

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: 24.595 ug/L

RT: 10.40 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW005366.D

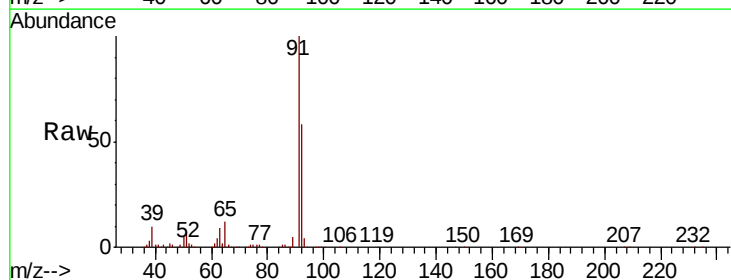
Acq: 13 Sep 2018 22:53

Tgt Ion: 91 Resp: 466306

Ion Ratio Lower Upper

91 100

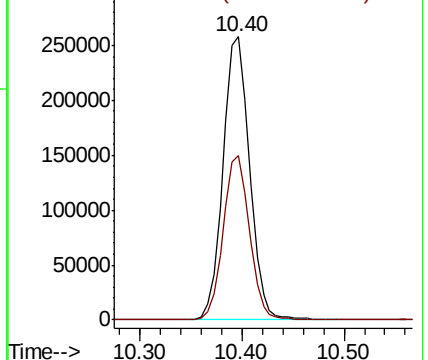
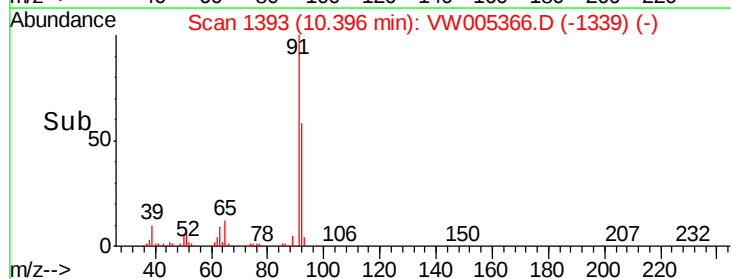
92 57.9 39.8 74.0

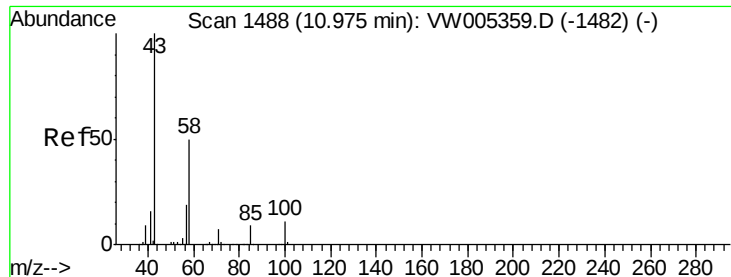


Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

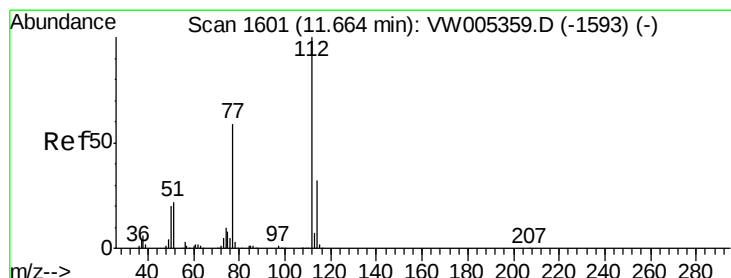
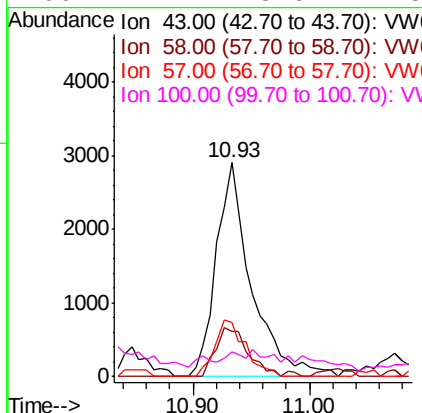
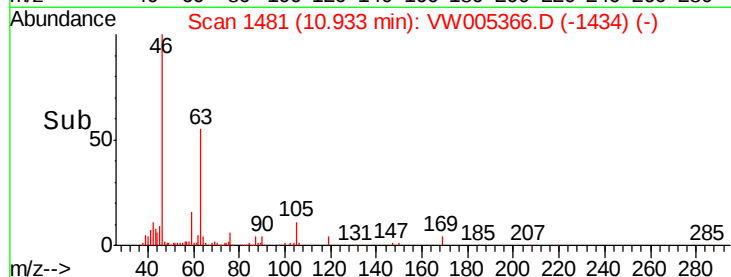
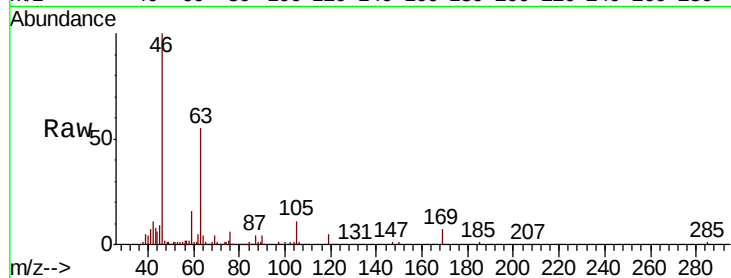




#49
2-Hexanone
Concen: 2.105 ug/L
RT: 10.93 min Scan# 1481
Delta R.T. -0.04 min
Lab File: VW005366.D
Acq: 13 Sep 2018 22:53

Instrument :
MSVOA_W
ClientSampleId :
DB3N2MS

Tgt Ion: 43 Resp: 6044
Ion Ratio Lower Upper
43 100
58 20.8 41.6 62.4#
57 22.8 15.0 22.6#
100 2.7 8.6 12.8#



#52
Chlorobenzene
Concen: 23.620 ug/L
RT: 11.66 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VW005366.D
Acq: 13 Sep 2018 22:53

Tgt Ion: 112 Resp: 292224
Ion Ratio Lower Upper
112 100
77 60.3 45.1 67.7
114 32.2 22.5 41.7

