

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082418\
 Data File : VW004944.D
 Acq On : 24 Aug 2018 19:20
 Operator : SY/AP
 Sample : J4650-01
 Misc : 4.89G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAB80

Quant Time: Aug 25 01:34:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 25 01:34:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	604453	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	669599	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	260954	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	273453	23.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.76%
7) Chloroethane-d5	2.89	69	212535	25.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.36%
10) 1,1-Dichloroethene-d2	4.02	63	254855	17.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.88%
20) 2-Butanone-d5	7.09	46	108018	46.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.90%
24) Chloroform-d	7.65	84	323281	24.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.36%
26) 1,2-Dichloroethane-d4	8.31	65	191315	26.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.96%
29) Benzene-d6	8.28	84	756158	21.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.80%
33) 1,2-Dichloropropane-d6	9.28	67	230154	22.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.96%
37) Toluene-d8	10.33	98	840608	23.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.16%
38) trans-1,3-Dichloropropene-	10.59	79	93936	21.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.28%
39) 2-Hexanone-d5	10.93	63	112660	44.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.86%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	225558	22.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	259050	24.71	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.84%

Target Compounds

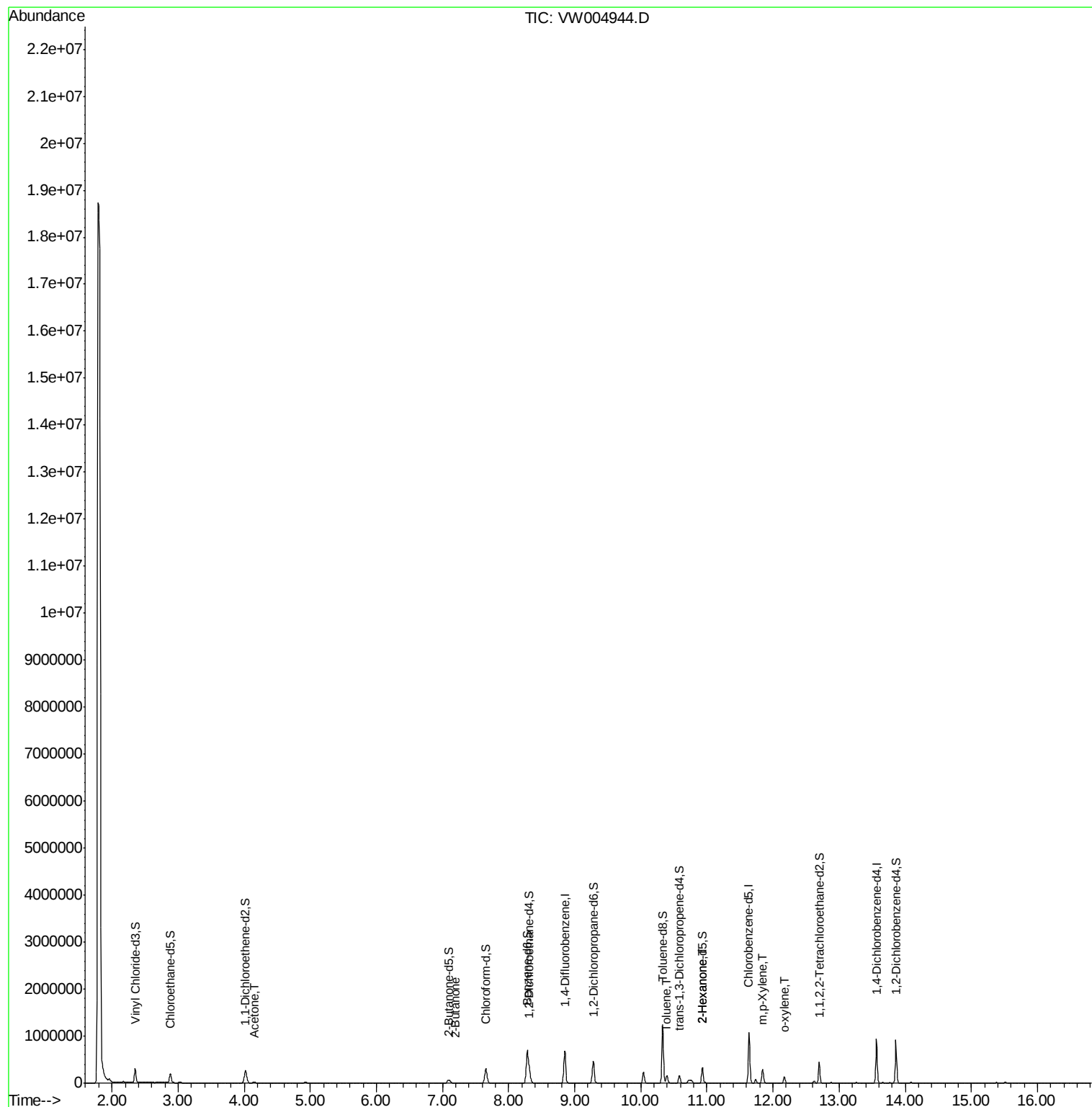
					Qvalue
13) Acetone	4.15	43	29978	16.645 ug/L	97
21) 2-Butanone	7.20	43	7895	2.847 ug/L	96
44) Toluene	10.39	91	113386	2.473 ug/L	97
49) 2-Hexanone	10.93	43	12841	2.397 ug/L #	66
54) m,p-Xylene	11.84	106	90279	4.510 ug/L	99
55) o-xylene	12.17	106	38248	2.045 ug/L	96

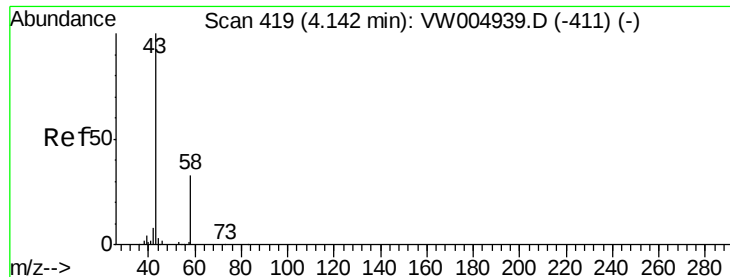
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 25 01:34:01 2018
Response via : Initial Calibration





#13

Acetone

Concen: 16.645 ug/L

RT: 4.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: VW004944.D

Acq: 24 Aug 2018 19:20

Instrument :

MSVOA_W

ClientSampled :

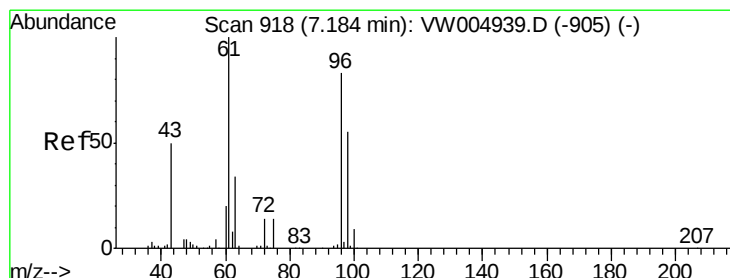
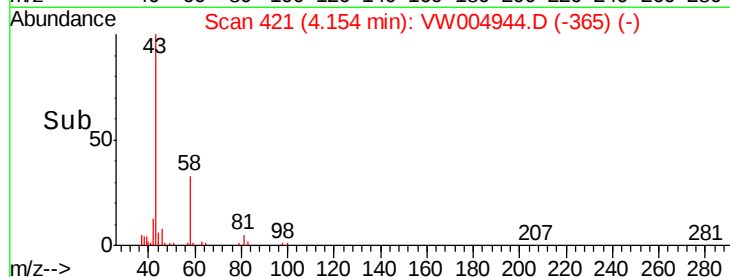
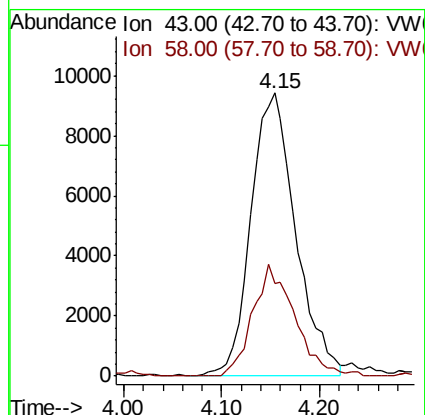
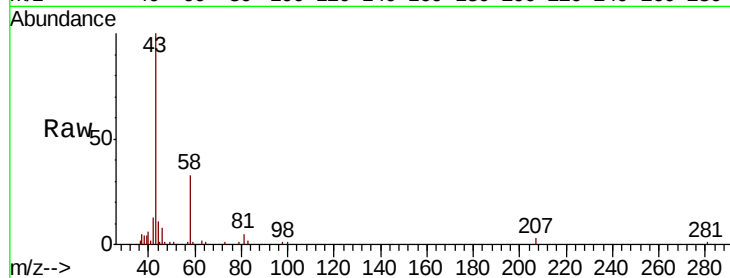
GAB80

Tgt Ion: 43 Resp: 29978

Ion Ratio Lower Upper

43 100

58 36.5 0.0 69.4



#21

2-Butanone

Concen: 2.847 ug/L

RT: 7.20 min Scan# 920

Delta R.T. 0.01 min

Lab File: VW004944.D

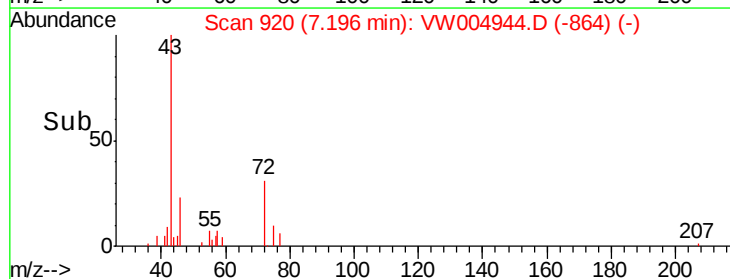
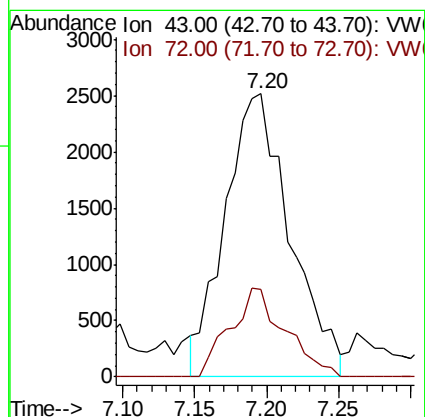
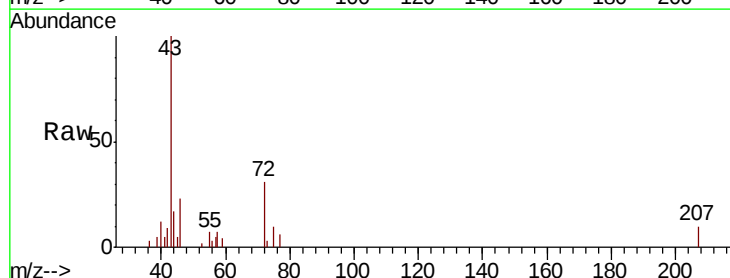
Acq: 24 Aug 2018 19:20

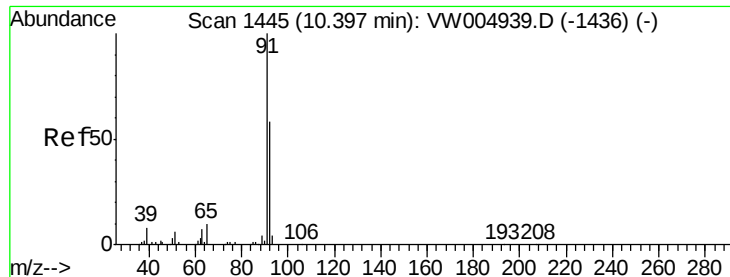
Tgt Ion: 43 Resp: 7895

Ion Ratio Lower Upper

43 100

72 26.6 14.2 42.8





#44

Toluene

Concen: 2.473 ug/L

RT: 10.39 min Scan# 1444

Delta R.T. -0.01 min

Lab File: VW004944.D

Acq: 24 Aug 2018 19:20

Instrument :

MSVOA_W

ClientSampleId :

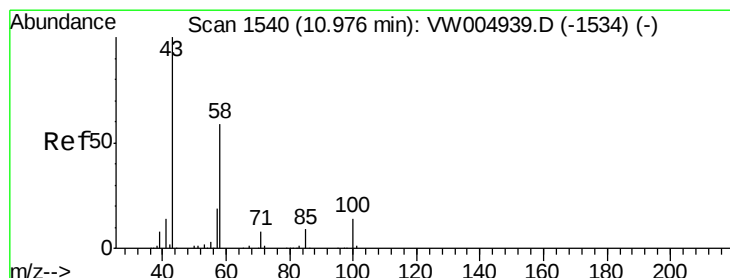
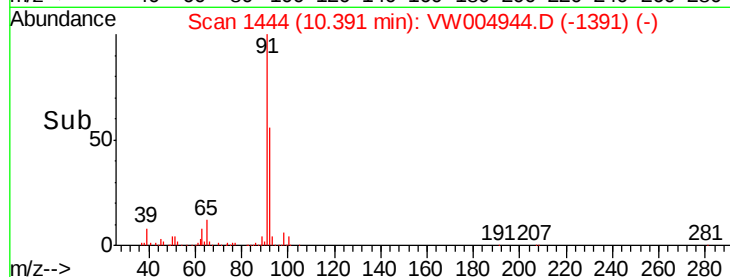
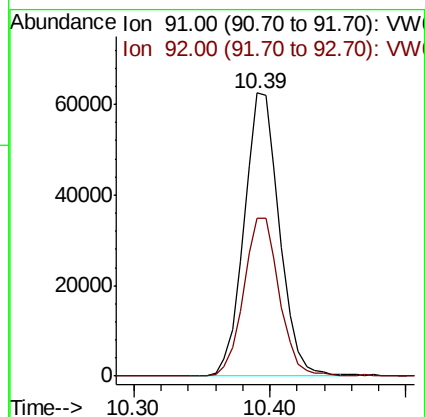
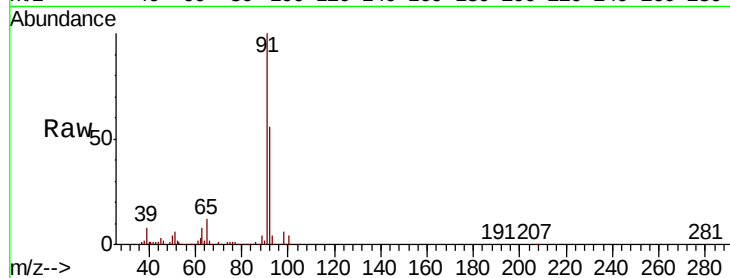
GAB80

Tgt Ion: 91 Resp: 113386

Ion Ratio Lower Upper

91 100

92 55.9 40.6 75.4



#49

2-Hexanone

Concen: 2.397 ug/L

RT: 10.93 min Scan# 1533

Delta R.T. -0.04 min

Lab File: VW004944.D

Acq: 24 Aug 2018 19:20

Tgt Ion: 43 Resp: 12841

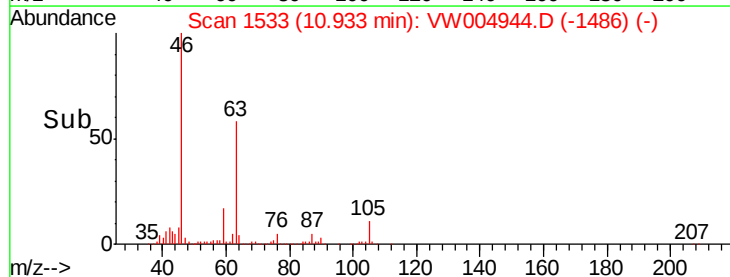
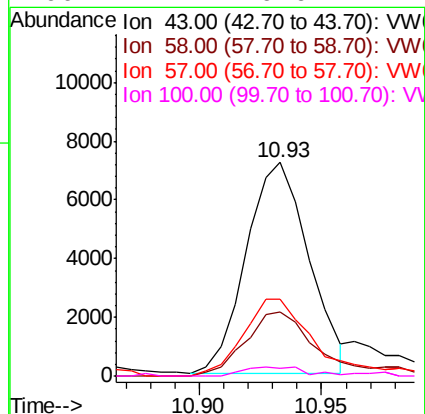
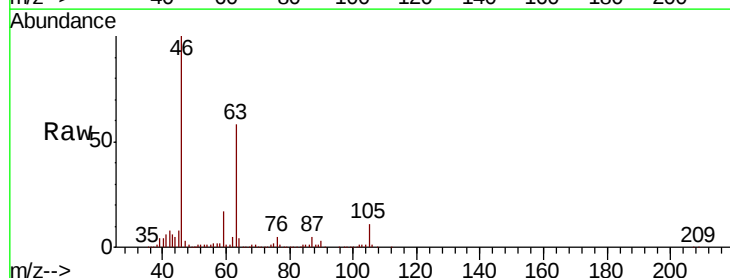
Ion Ratio Lower Upper

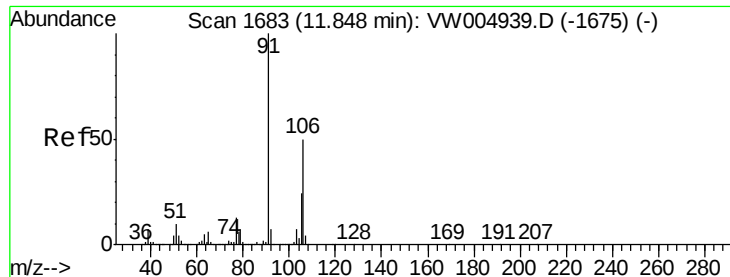
43 100

58 33.5 44.6 67.0#

57 42.7 15.4 23.2#

100 2.7 9.6 14.4#





#54

m,p-Xylene

Concen: 4.510 ug/L

RT: 11.84 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VW004944.D

Acq: 24 Aug 2018 19:20

Instrument :

MSVOA_W

ClientSampleId :

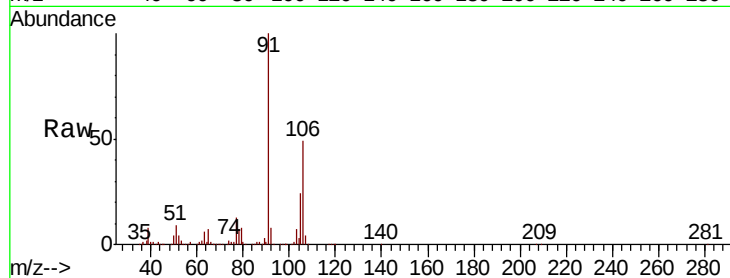
GAB80

Tgt Ion:106 Resp: 90279

Ion Ratio Lower Upper

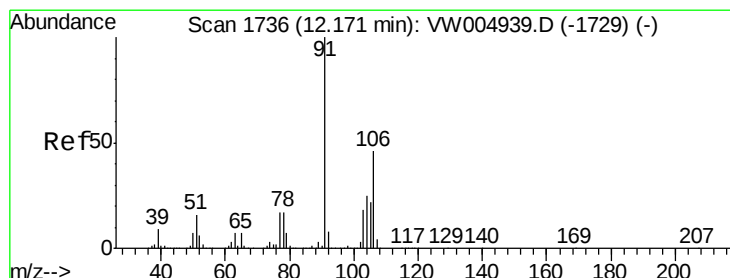
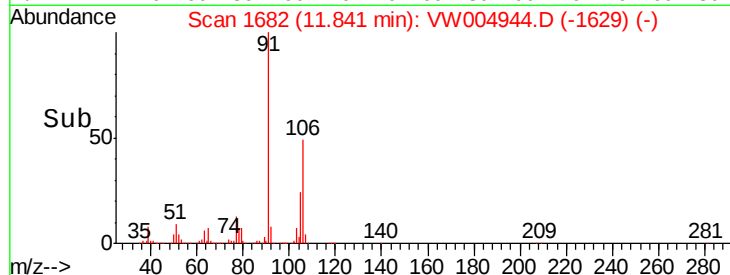
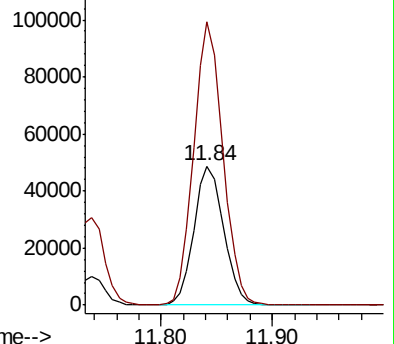
106 100

91 203.4 141.4 262.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 2.045 ug/L

RT: 12.17 min Scan# 1736

Delta R.T. 0.00 min

Lab File: VW004944.D

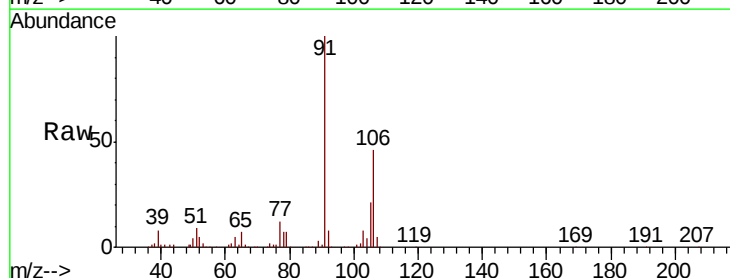
Acq: 24 Aug 2018 19:20

Tgt Ion:106 Resp: 38248

Ion Ratio Lower Upper

106 100

91 216.0 147.0 273.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

