

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100218\
 Data File : VW005793.D
 Acq On : 02 Oct 2018 23:52
 Operator : SY/AP
 Sample : J5182-06
 Misc : 4.40G/105ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLC55

Quant Time: Oct 03 08:12:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 03 08:01:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	220219	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	224511	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	87507	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	38706	13.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.16%
7) Chloroethane-d5	2.89	69	35236	16.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.36%
10) 1,1-Dichloroethene-d2	4.01	63	71666	11.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.76%
20) 2-Butanone-d5	7.09	46	27975	31.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.08%
24) Chloroform-d	7.65	84	133175	23.54	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.16%
26) 1,2-Dichloroethane-d4	8.31	65	88886	25.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.76%
29) Benzene-d6	8.28	84	224359	20.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.76%
33) 1,2-Dichloropropane-d6	9.28	67	72865	22.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.72%
37) Toluene-d8	10.33	98	207287	18.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.56%
38) trans-1,3-Dichloropropene-	10.58	79	30807	18.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.04%
39) 2-Hexanone-d5	10.93	63	18389	24.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	48.90%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	75477	24.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	72124	23.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.16%

Target Compounds

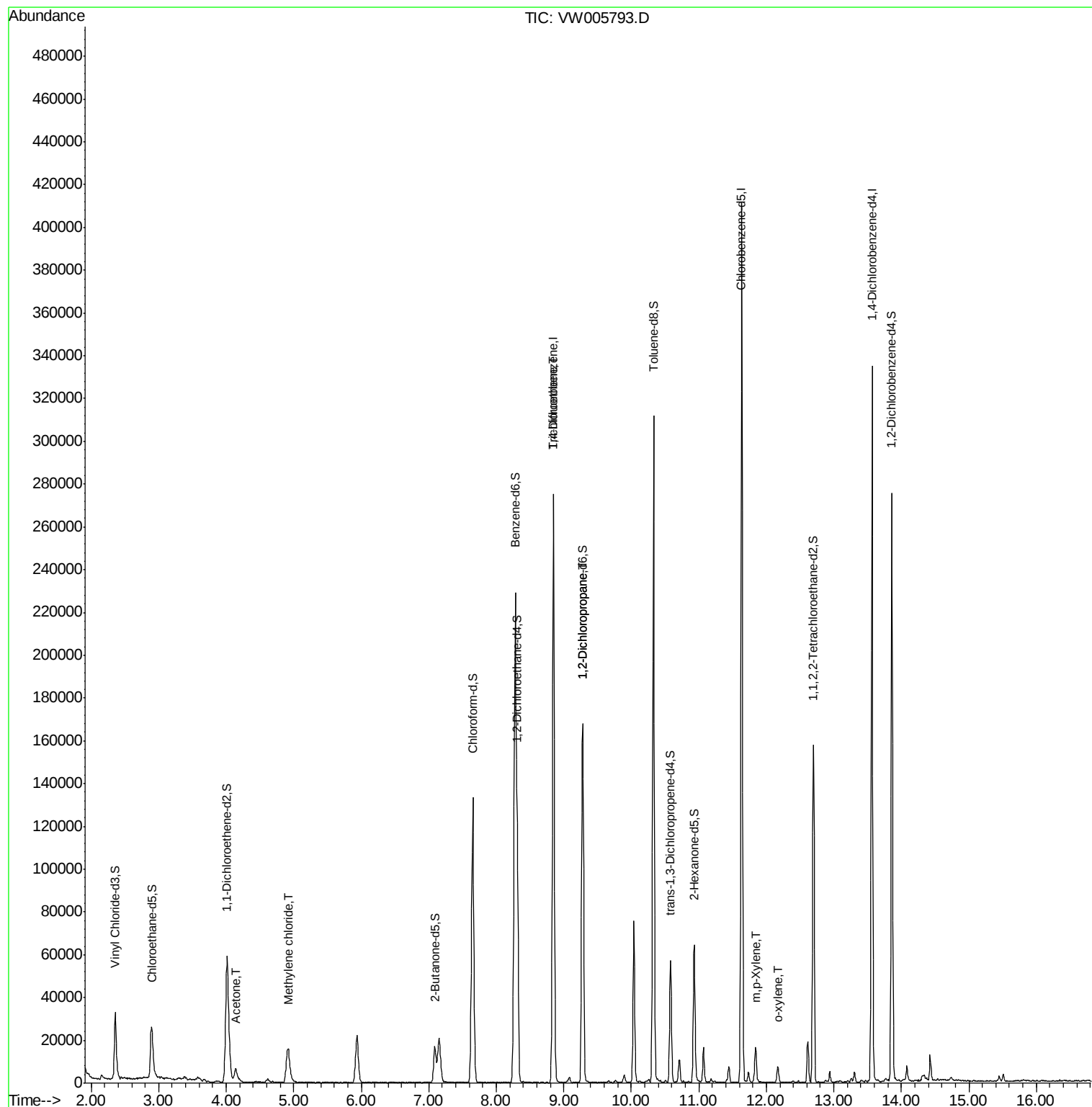
					Qvalue
13) Acetone	4.14	43	11287	12.026	ug/L 84
16) Methylene chloride	4.91	84	7510	2.068	ug/L 93
35) Trichloroethene	8.84	95	7083	2.087	ug/L # 5
40) 1,2-Dichloropropane	9.28	63	9005	2.913	ug/L # 87
54) m,p-Xylene	11.84	106	4671	0.764	ug/L 77
55) o-xylene	12.16	106	1829	0.317	ug/L 90

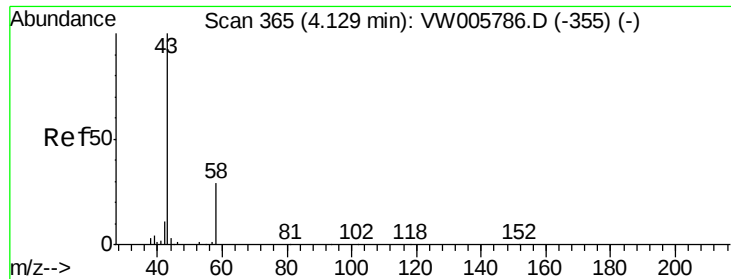
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 03 08:12:31 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 03 08:01:39 2018
Response via : Initial Calibration





#13

Acetone

Concen: 12.026 ug/L

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW005793.D

Acq: 02 Oct 2018 23:52

Instrument :

MSVOA_W

ClientSampleId :

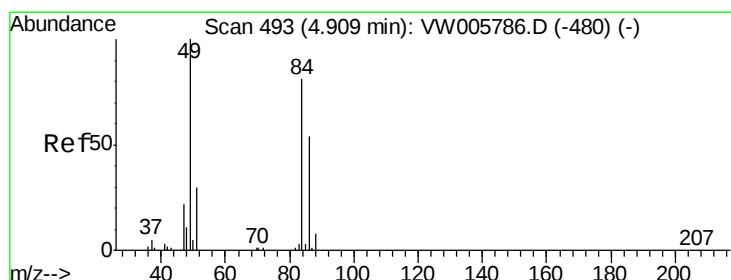
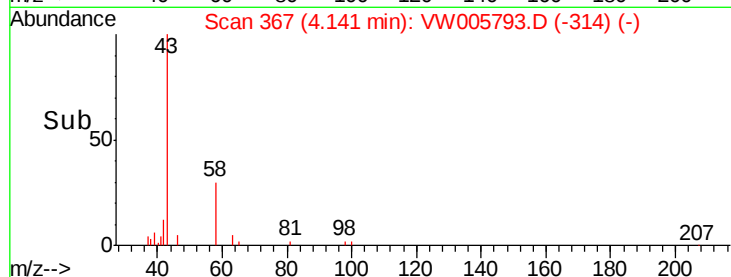
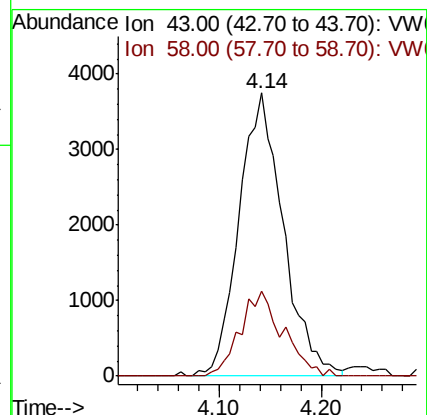
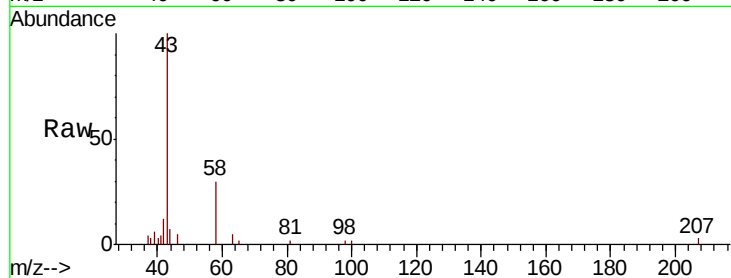
JLC55

Tgt Ion: 43 Resp: 11287

Ion Ratio Lower Upper

43 100

58 22.9 0.0 31.8



#16

Methylene chloride

Concen: 2.068 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW005793.D

Acq: 02 Oct 2018 23:52

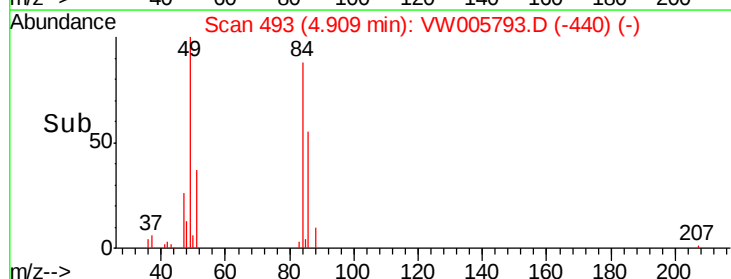
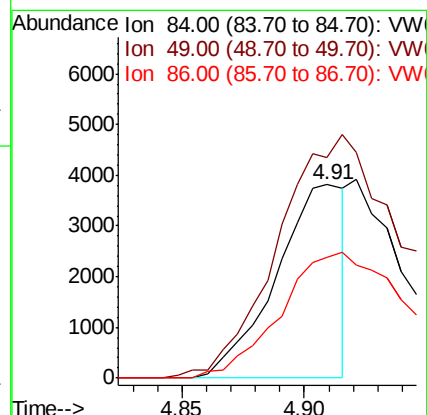
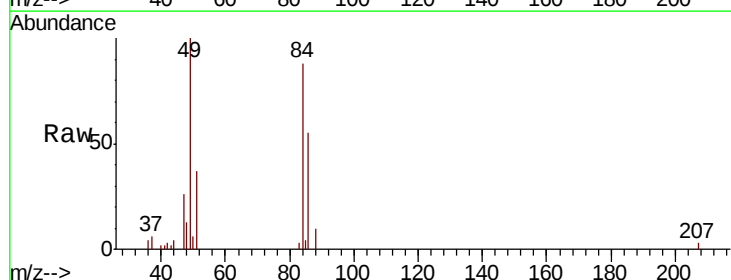
Tgt Ion: 84 Resp: 7510

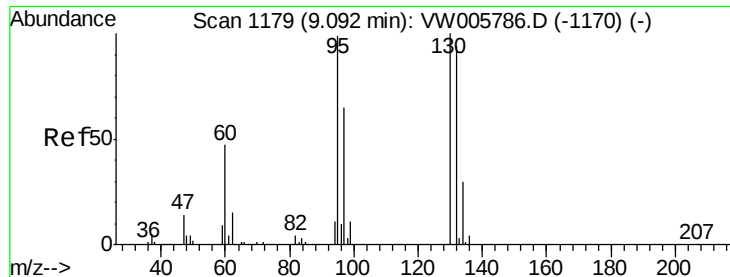
Ion Ratio Lower Upper

84 100

49 113.9 87.2 162.0

86 62.4 43.2 80.2





#35

Trichloroethene

Concen: 2.087 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW005793.D

Acq: 02 Oct 2018 23:52

Instrument :

MSVOA_W

ClientSampled :

JLC55

Tgt Ion: 95 Resp: 7083

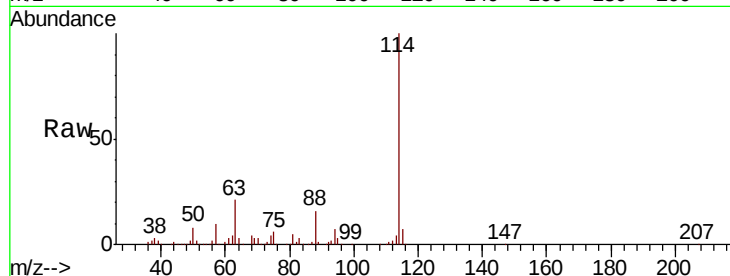
Ion Ratio Lower Upper

95 100

97 0.0 45.2 84.0#

132 0.0 68.0 126.4#

130 0.0 71.3 132.5#

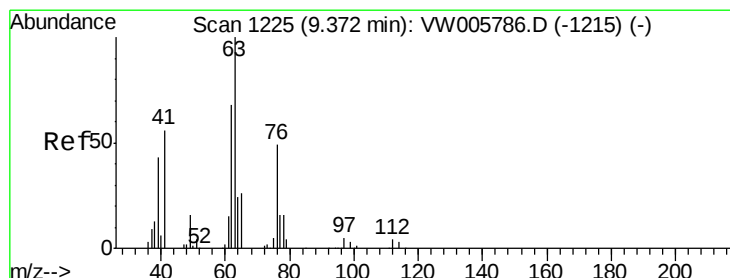
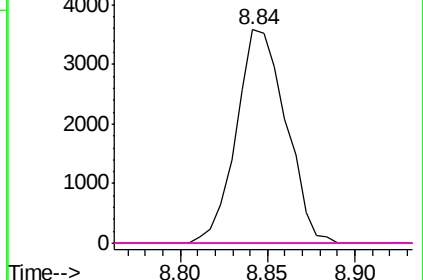
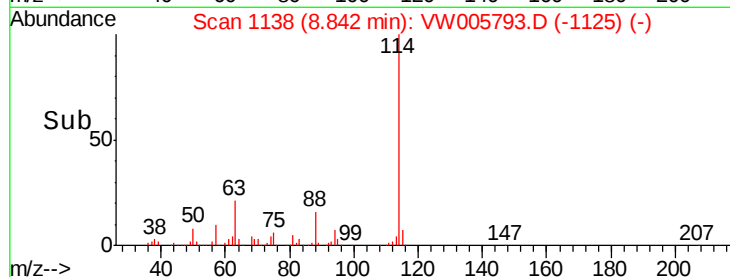


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 2.913 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW005793.D

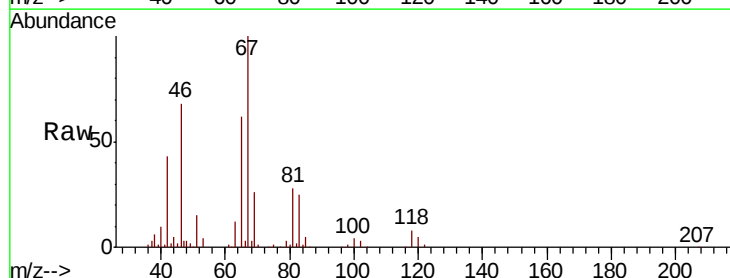
Acq: 02 Oct 2018 23:52

Tgt Ion: 63 Resp: 9005

Ion Ratio Lower Upper

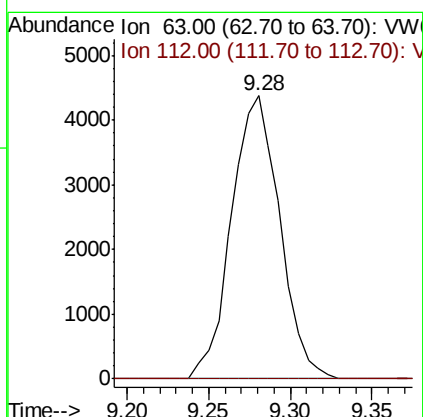
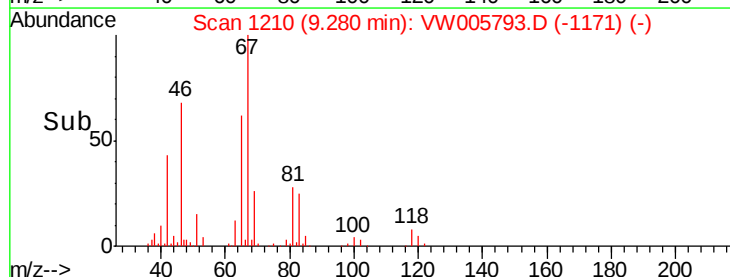
63 100

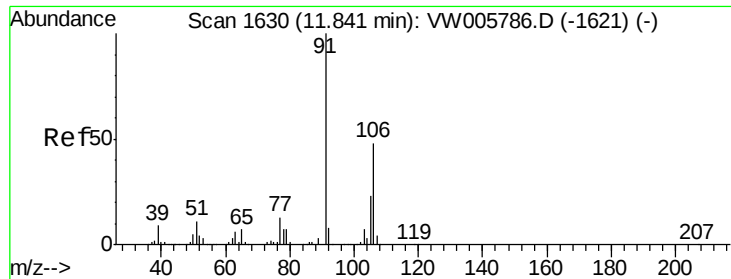
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#54

m,p-Xylene

Concen: 0.764 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW005793.D

Acq: 02 Oct 2018 23:52

Instrument :

MSVOA_W

ClientSampled :

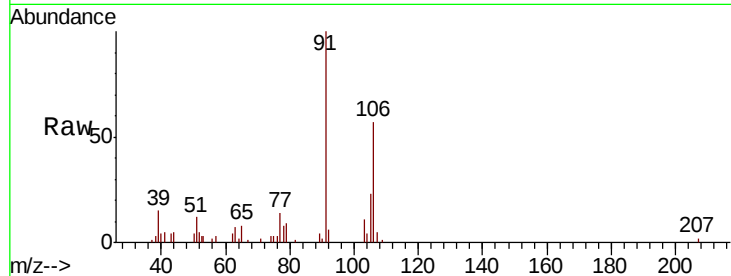
JLC55

Tgt Ion:106 Resp: 4671

Ion Ratio Lower Upper

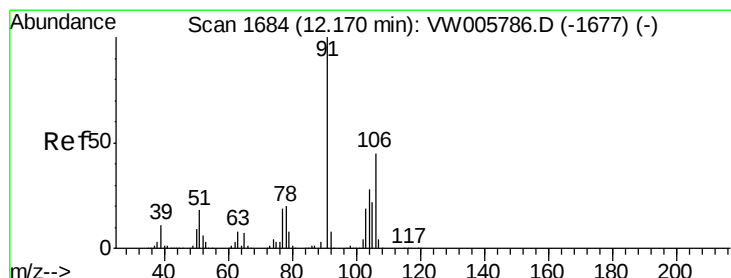
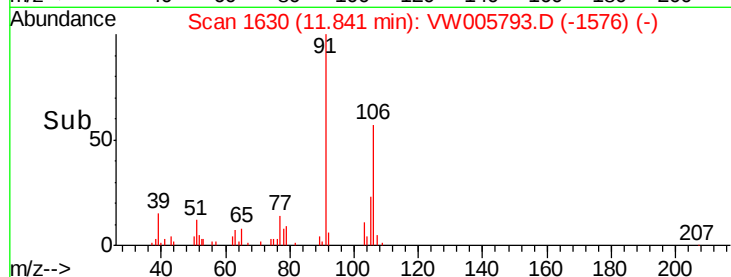
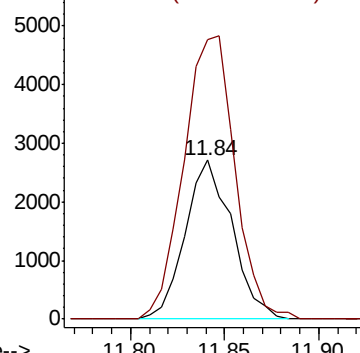
106 100

91 175.4 147.7 274.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 0.317 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. -0.01 min

Lab File: VW005793.D

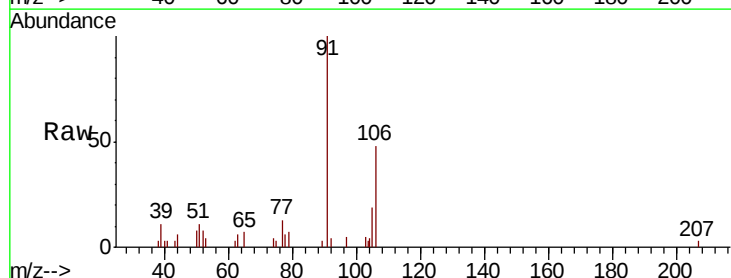
Acq: 02 Oct 2018 23:52

Tgt Ion:106 Resp: 1829

Ion Ratio Lower Upper

106 100

91 207.1 156.5 290.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

