

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060920\
 Data File : VW015573.D
 Acq On : 09 Jun 2020 15:33
 Operator : SY/VA
 Sample : L2959-02
 Misc : 4.14G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG2J7

Quant Time: Jun 10 04:34:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 12:46:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	294646	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	243622	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	84451	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	105671	39.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	156.52%#
7) Chloroethane-d5	2.90	69	83724	31.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	124.72%
10) 1,1-Dichloroethene-d2	4.01	63	146665	22.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.16%
20) 2-Butanone-d5	7.09	46	40634	46.09	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.18%
24) Chloroform-d	7.65	84	178955	26.26	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.04%
26) 1,2-Dichloroethane-d4	8.31	65	101086	26.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.68%
29) Benzene-d6	8.28	84	364395	30.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	122.00%
33) 1,2-Dichloropropane-d6	9.28	67	103949	28.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.52%
37) Toluene-d8	10.32	98	325361	28.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.04%
38) trans-1,3-Dichloropropene-	10.58	79	41954	24.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.92%
39) 2-Hexanone-d5	10.93	63	31762	50.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	62321	22.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	68840	24.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.28%

Target Compounds

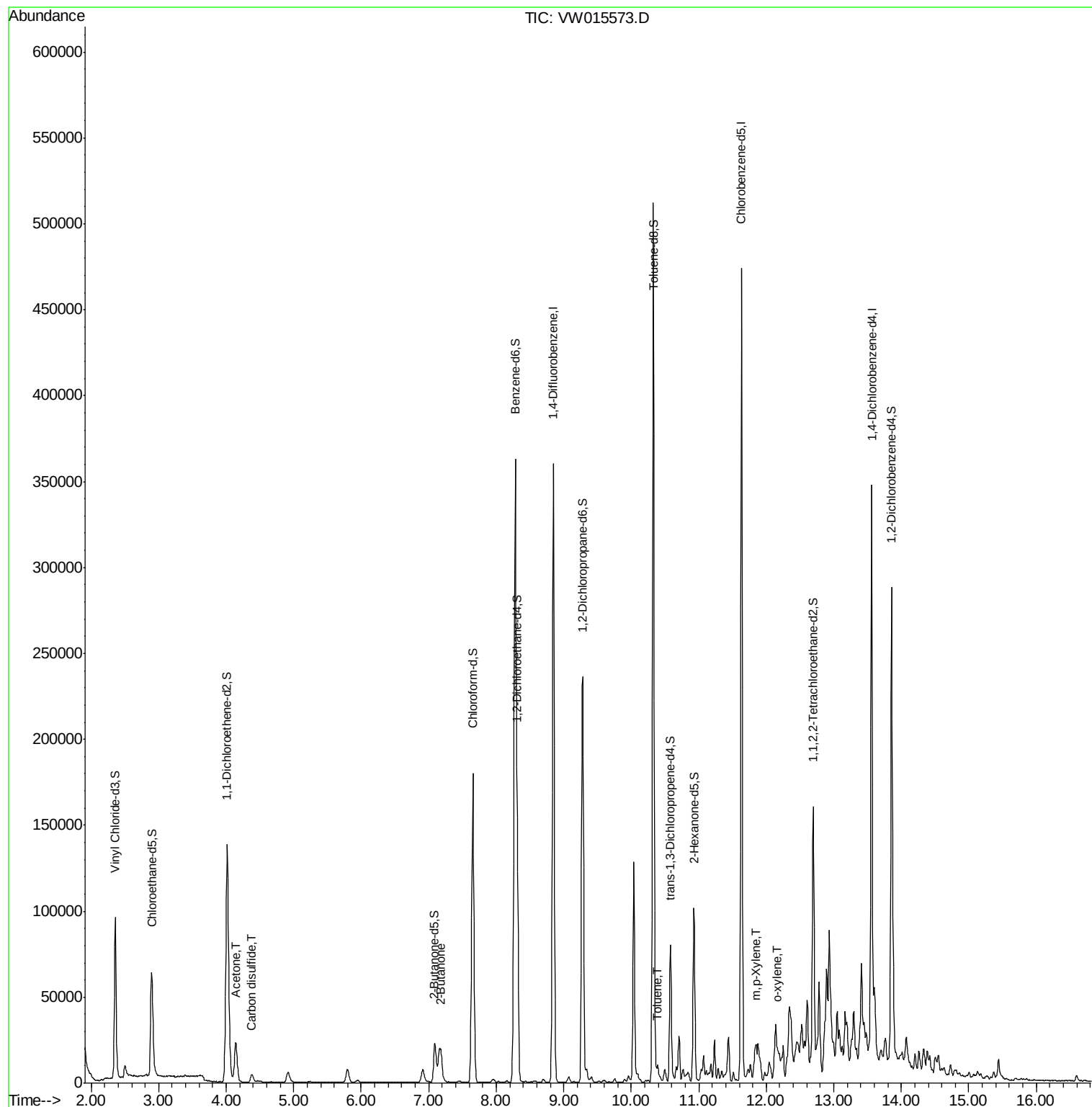
					Ovalue
13) Acetone	4.14	43	42810	62.817	ug/L 100
14) Carbon disulfide	4.37	76	8682	0.741	ug/L 96
21) 2-Butanone	7.18	43	18233	17.416	ug/L 100
44) Toluene	10.39	91	5828	0.393	ug/L 94
54) m,p-Xylene	11.84	106	2897	0.453	ug/L 85
55) o-xylene	12.16	106	2406	0.396	ug/L 98

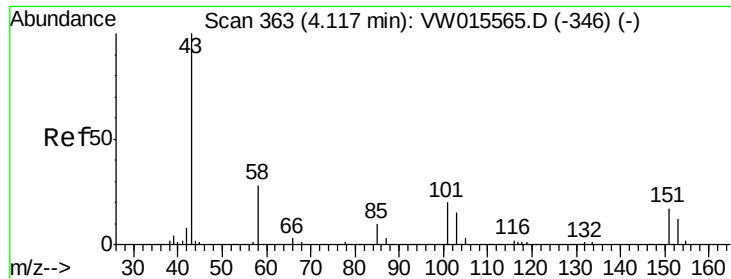
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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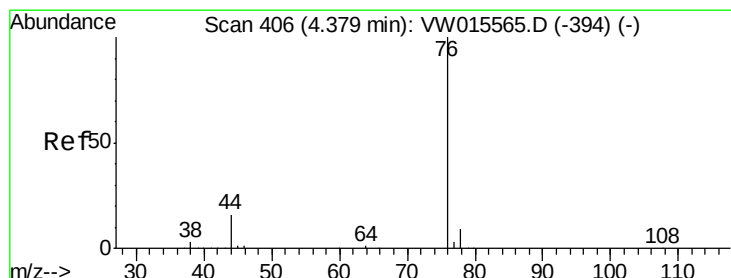
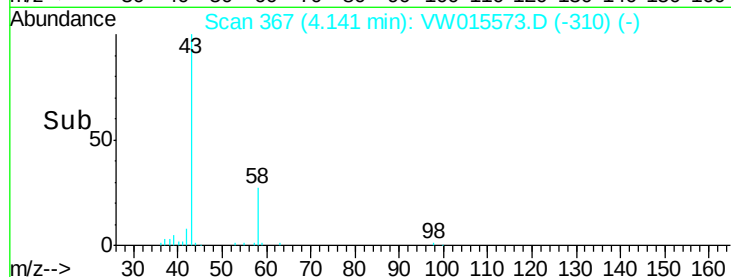
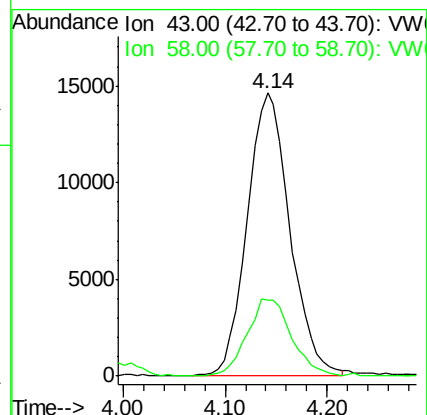
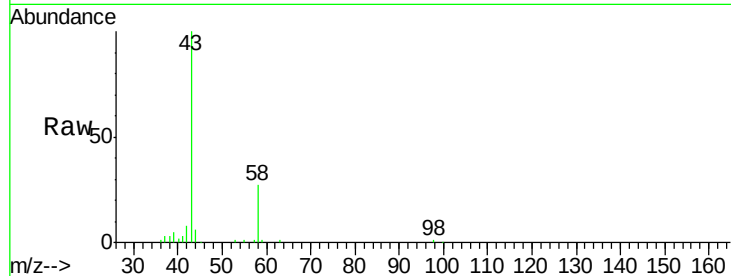




#13
Acetone
Concen: 62.817 ug/L
RT: 4.14 min Scan# 367
Delta R.T. 0.02 min
Lab File: VW015573.D
Acq: 09 Jun 2020 15:33

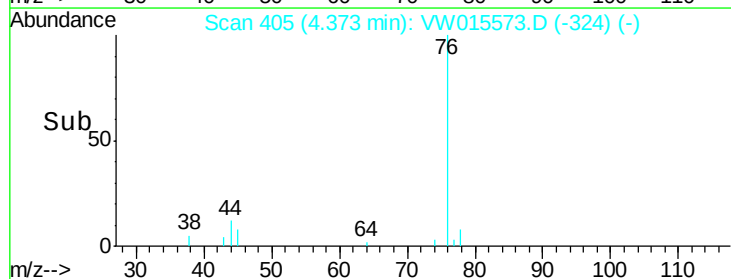
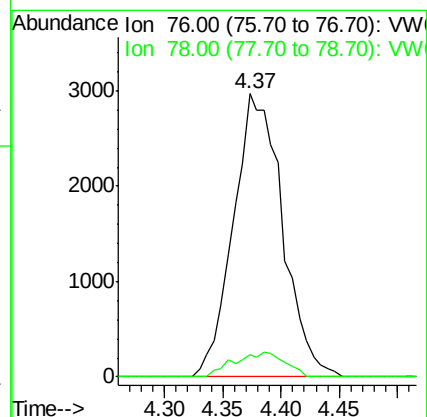
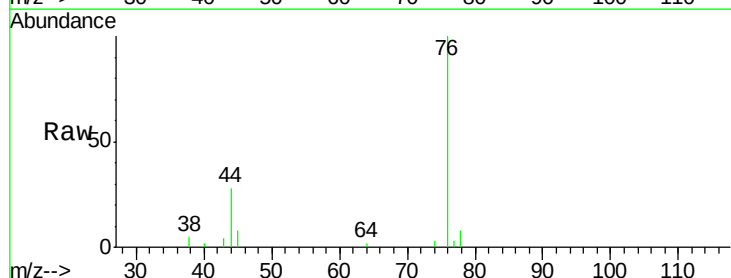
Instrument :
MSVOA_W
ClientSampled :
BG2J7

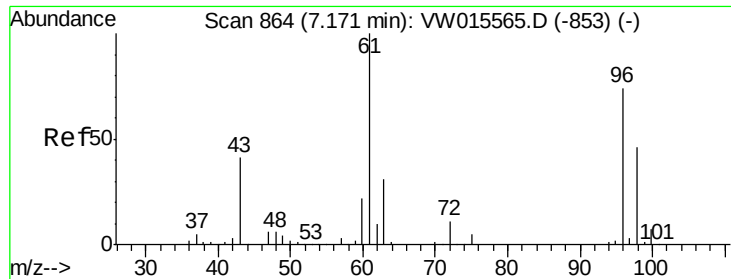
Tot Ion: 43 Resp: 42810
Ion Ratio Lower Upper
43 100
58 28.2 0.0 56.8



#14
Carbon disulfide
Concen: 0.741 ug/L
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW015573.D
Acq: 09 Jun 2020 15:33

Tgt Ion: 76 Resp: 8682
Ion Ratio Lower Upper
76 100
78 7.7 7.3 10.9





#21

2-Butanone

Concen: 17.416 ug/L

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW015573.D

Acq: 09 Jun 2020 15:33

Instrument :

MSVOA_W

ClientSampleId :

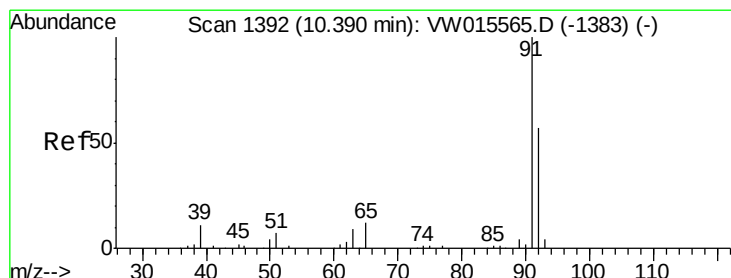
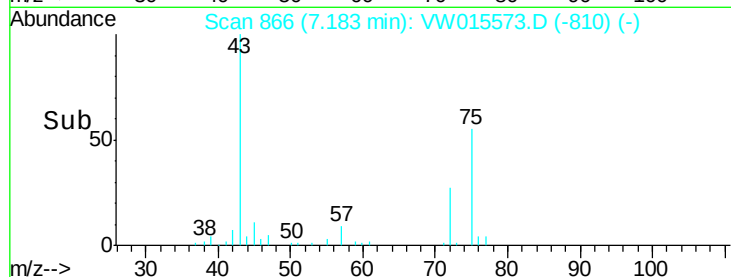
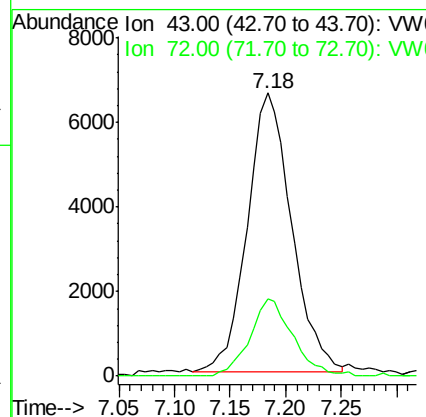
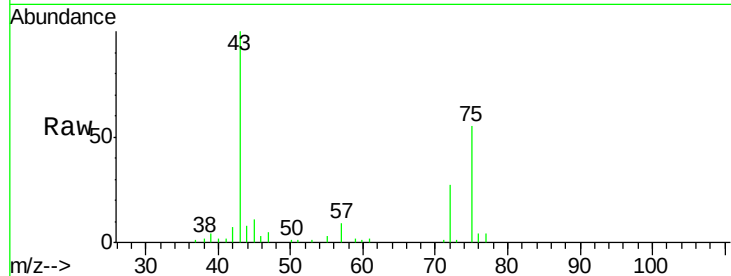
BG2J7

Tot Ion: 43 Resp: 18233

Ion Ratio Lower Upper

43 100

72 26.8 13.3 39.9



#44

Toluene

Concen: 0.393 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW015573.D

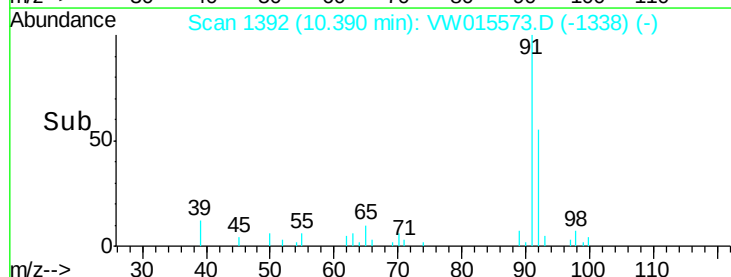
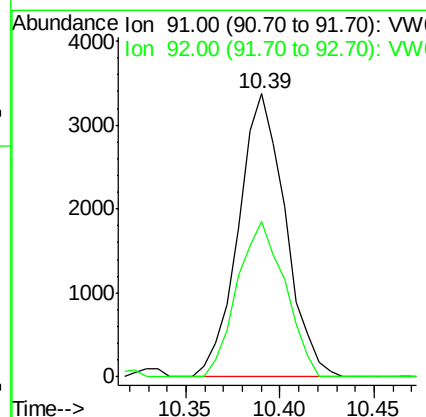
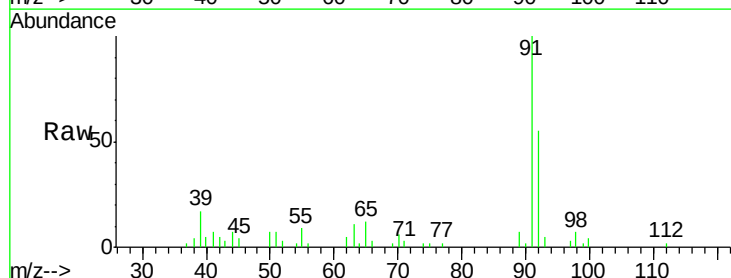
Acq: 09 Jun 2020 15:33

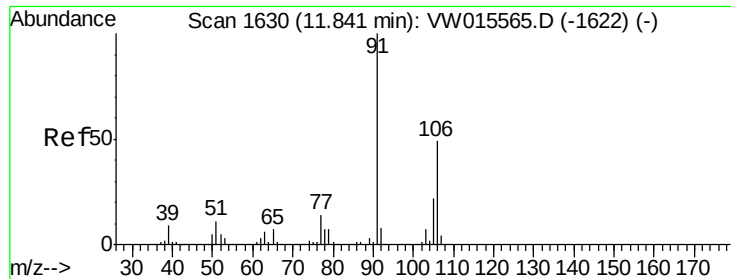
Tgt Ion: 91 Resp: 5828

Ion Ratio Lower Upper

91 100

92 55.0 41.7 77.5





#54

m,p-Xylene

Concen: 0.453 ug/L

RT: 11.84 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW015573.D

Acq: 09 Jun 2020 15:33

Instrument :

MSVOA_W

ClientSampleId :

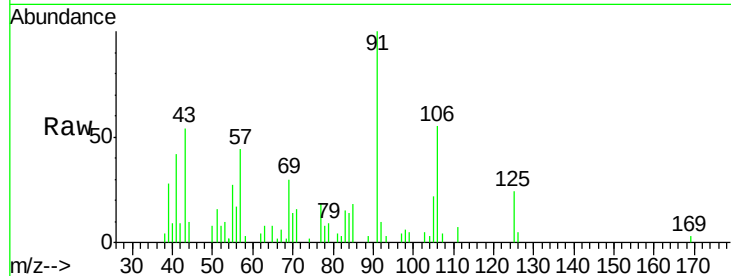
BG2J7

Tot Ion:106 Resp: 2897

Ion Ratio Lower Upper

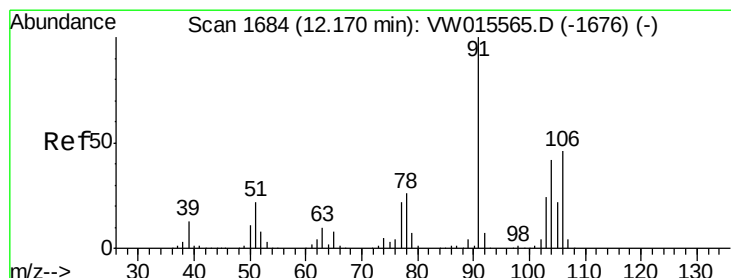
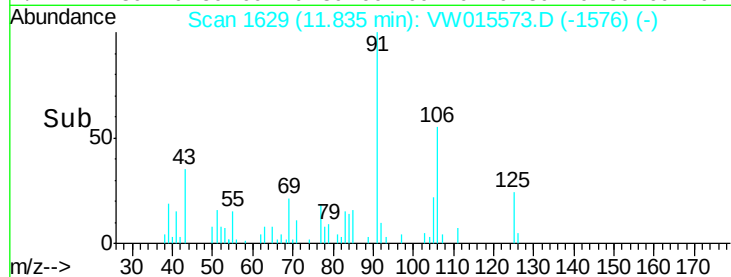
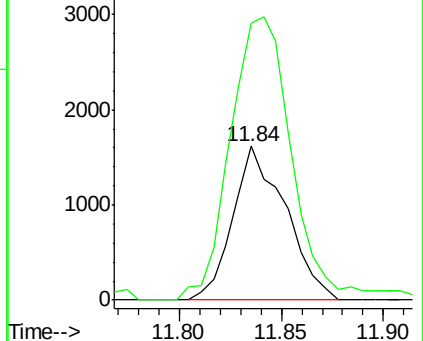
106 100

91 180.6 142.6 264.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 0.396 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VW015573.D

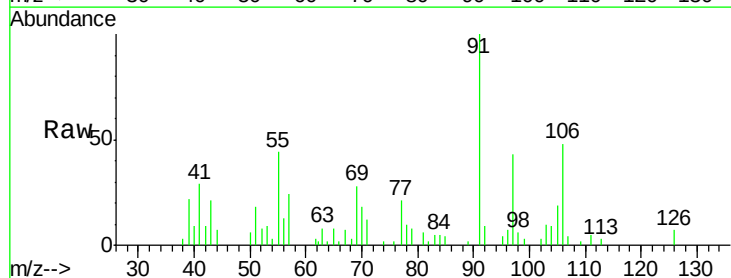
Acq: 09 Jun 2020 15:33

Tgt Ion:106 Resp: 2406

Ion Ratio Lower Upper

106 100

91 208.9 149.0 276.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

