

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012020\
 Data File : VW014690.D
 Acq On : 20 Jan 2020 13:00
 Operator : SY/VA
 Sample : L1118-18
 Misc : 5.06G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GASN3

Quant Time: Jan 21 03:56:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 21 03:38:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	836150	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	686262	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	240446	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	281145	23.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.40%
7) Chloroethane-d5	2.88	69	228481	26.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.24%
10) 1,1-Dichloroethene-d2	4.01	63	409159	18.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.92%
20) 2-Butanone-d5	7.07	46	122268	43.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.18%
24) Chloroform-d	7.65	84	514872	26.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.08%
26) 1,2-Dichloroethane-d4	8.30	65	259329	25.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.92%
29) Benzene-d6	8.27	84	1078571	29.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.20%
33) 1,2-Dichloropropane-d6	9.27	67	329630	30.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.16%#
37) Toluene-d8	10.32	98	920197	27.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.24%
38) trans-1,3-Dichloropropene-	10.58	79	112267	24.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.08%
39) 2-Hexanone-d5	10.92	63	86698	46.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	211669	25.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	232611	29.36	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	117.44%

Target Compounds

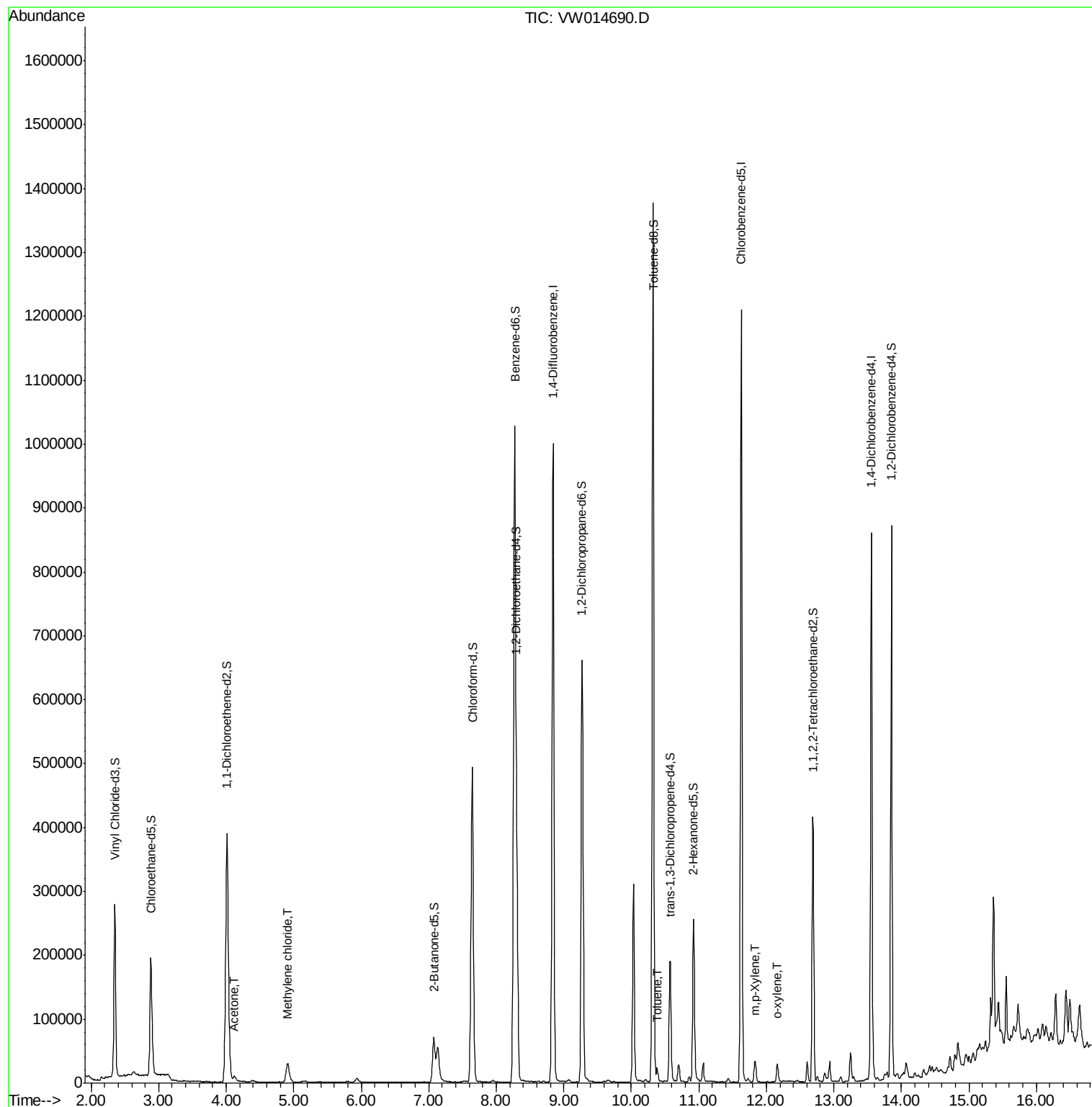
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	13745	3.539	ug/L	99
16) Methylene chloride	4.90	84	23099	1.694	ug/L	95
44) Toluene	10.38	91	15283	0.354	ug/L	99
54) m,p-Xylene	11.83	106	10561	0.588	ug/L	94
55) o-xylene	12.16	106	7338	0.433	ug/L	70

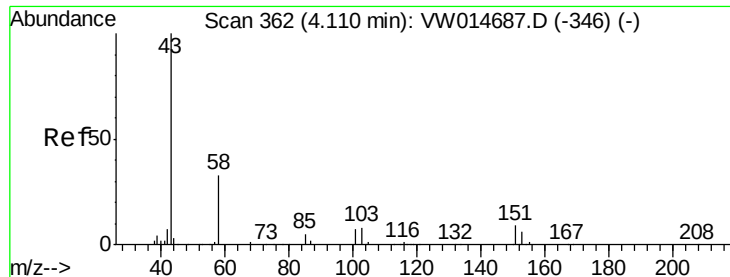
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.539 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.01 min

Lab File: VW014690.D

Acq: 20 Jan 2020 13:00

Instrument :

MSVOA_W

ClientSampled :

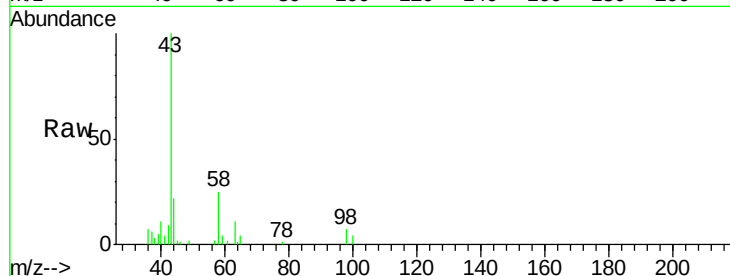
GASN3

Tot Ion: 43 Resp: 13745

Ion Ratio Lower Upper

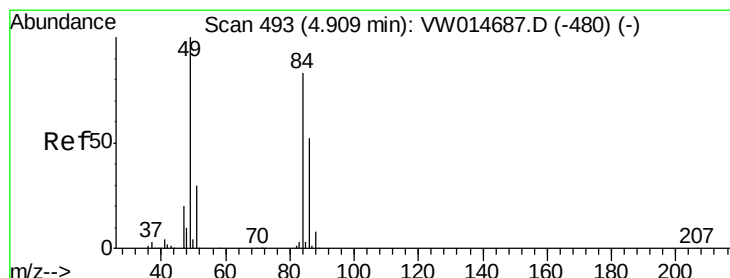
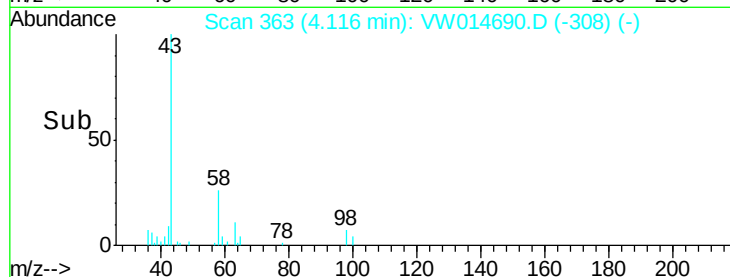
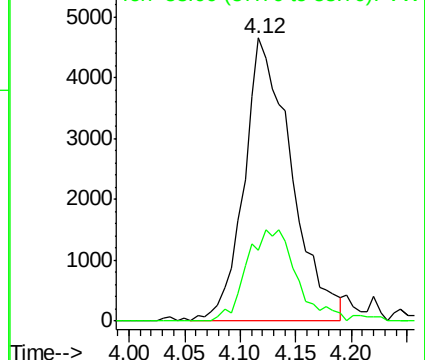
43 100

58 32.5 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.694 ug/L

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW014690.D

Acq: 20 Jan 2020 13:00

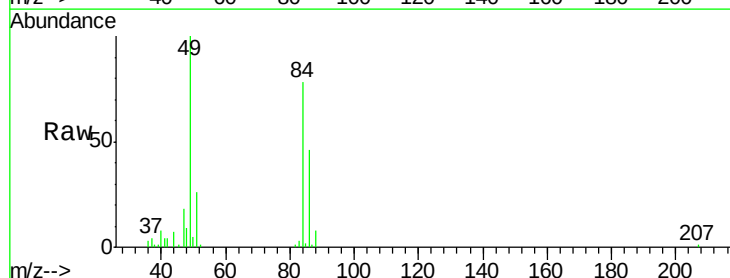
Tgt Ion: 84 Resp: 23099

Ion Ratio Lower Upper

84 100

49 128.0 85.8 159.4

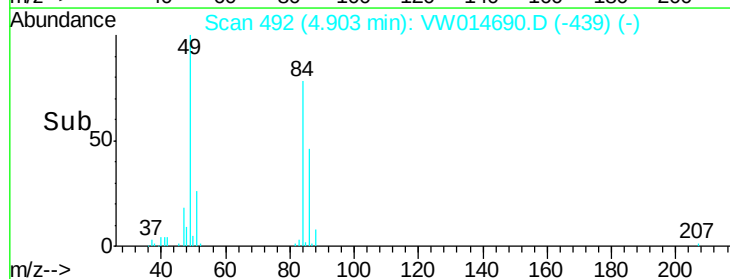
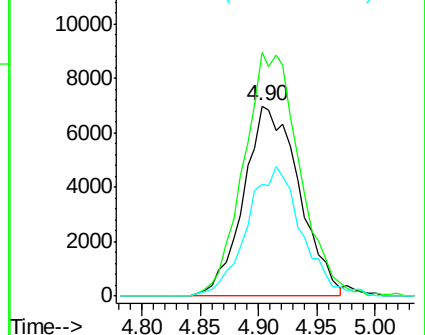
86 58.8 44.5 82.7

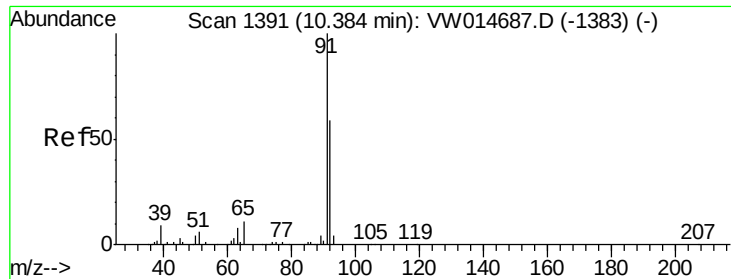


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#44

Toluene

Concen: 0.354 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW014690.D

Acq: 20 Jan 2020 13:00

Instrument :

MSVOA_W

ClientSampled :

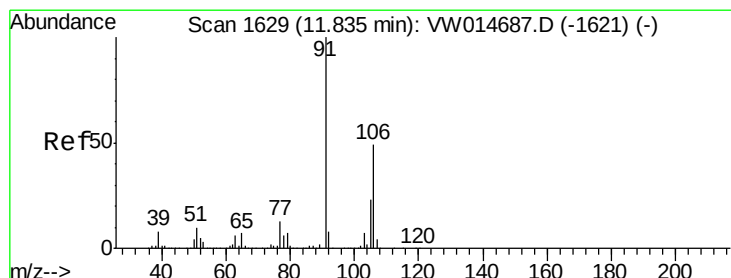
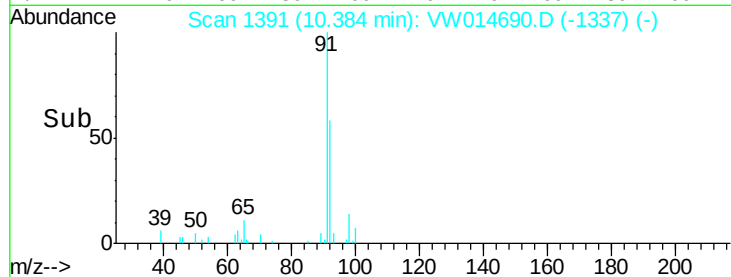
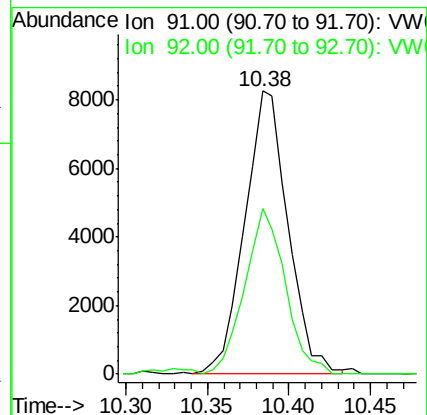
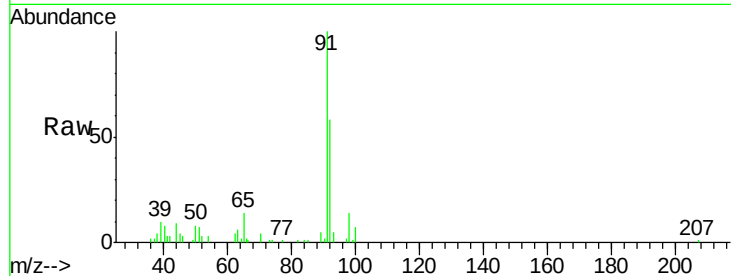
GASN3

Tot Ion: 91 Resp: 15283

Ion Ratio Lower Upper

91 100

92 58.5 40.2 74.6



#54

m,p-Xylene

Concen: 0.588 ug/L

RT: 11.83 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VW014690.D

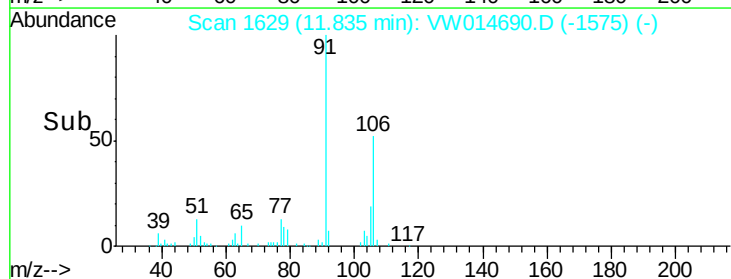
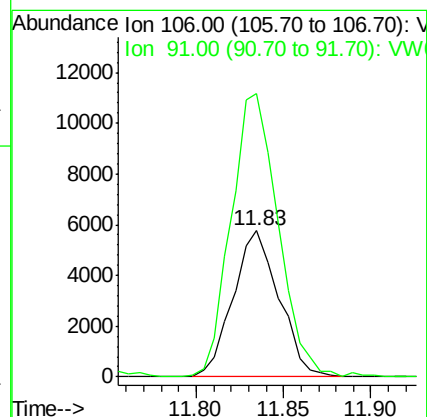
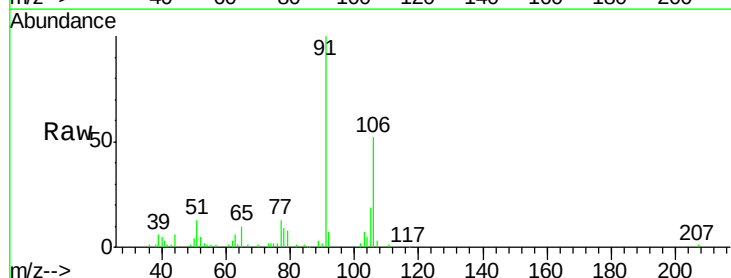
Acq: 20 Jan 2020 13:00

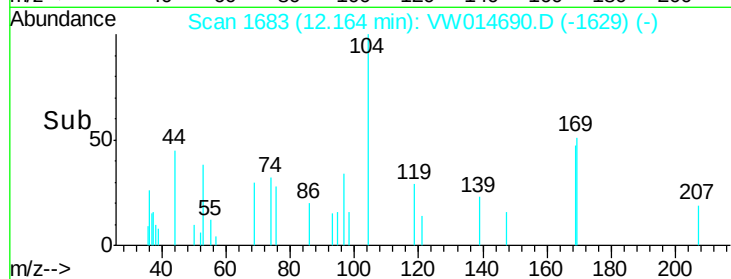
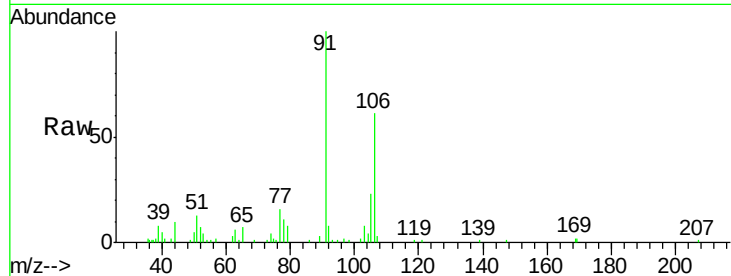
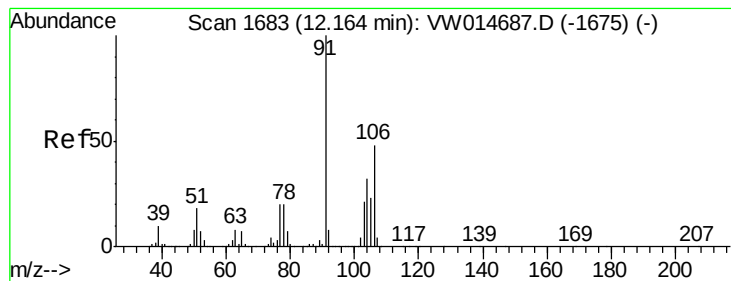
Tgt Ion: 106 Resp: 10561

Ion Ratio Lower Upper

106 100

91 193.8 142.2 264.0





#55

o-xylene

Concen: 0.433 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VW014690.D

Acq: 20 Jan 2020 13:00

Instrument :

MSVOA_W

ClientSampleId :

GASN3

Tot Ion:106 Resp: 7338

Ion Ratio Lower Upper

106 100

91 164.9 148.7 276.1

