

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012720\
 Data File : VW014774.D
 Acq On : 27 Jan 2020 19:13
 Operator : SY/VA
 Sample : L1271-12
 Misc : 5.04G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT03

Manual Integrations
 APPROVED

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 1/28/2020 1:58:14 PM

Quant Time: Jan 28 07:49:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 28 07:18:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	349720	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	312306	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	123937	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	131608	23.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.04%
7) Chloroethane-d5	2.89	69	100824	21.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.68%
10) 1,1-Dichloroethene-d2	4.01	63	161570	16.12	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.48%
20) 2-Butanone-d5	7.08	46	63856	40.60	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.20%
24) Chloroform-d	7.65	84	204160	21.15	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.60%
26) 1,2-Dichloroethane-d4	8.31	65	115719m	22.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.04%
29) Benzene-d6	8.27	84	409717	20.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.36%
33) 1,2-Dichloropropane-d6	9.27	67	131987	21.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.40%
37) Toluene-d8	10.32	98	336704	19.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.92%
38) trans-1,3-Dichloropropene-	10.57	79	47725	19.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.40%
39) 2-Hexanone-d5	10.92	63	42836	37.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	104056	21.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	106203	21.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.48%

Target Compounds

					Ovalue
13) Acetone	4.13	43	8954	5.315 ug/L	83
16) Methylene chloride	4.91	84	10993	1.860 ug/L	97
34) Benzene	8.32	78	17482	0.874 ug/L	100
44) Toluene	10.38	91	47518	2.338 ug/L	98
54) m,p-Xylene	11.83	106	28565	3.441 ug/L	86
55) o-xylene	12.16	106	18031	2.315 ug/L	98

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

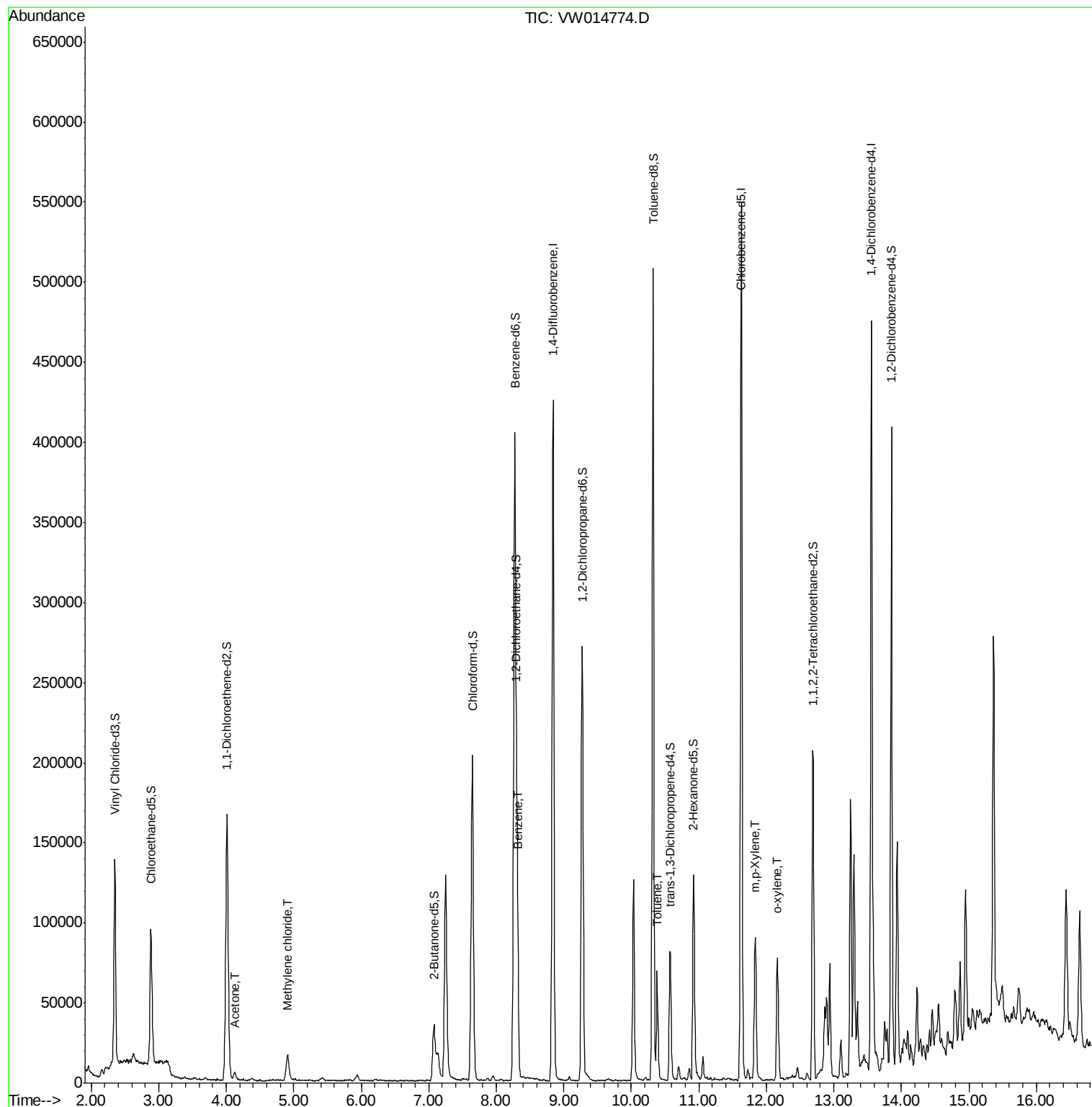
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012720\
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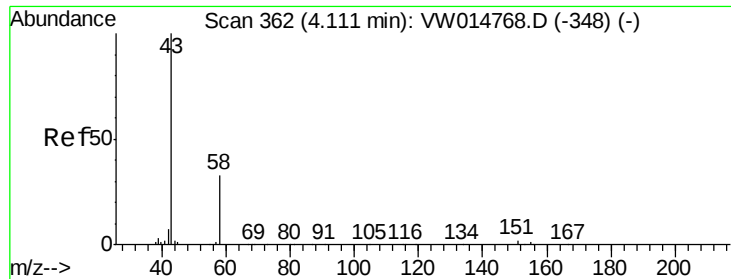
Instrument :
MSVOA_W
ClientSampleId :
GAT03

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Quant Time: Jan 28 07:49:02 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 28 07:18:57 2020
Response via : Initial Calibration





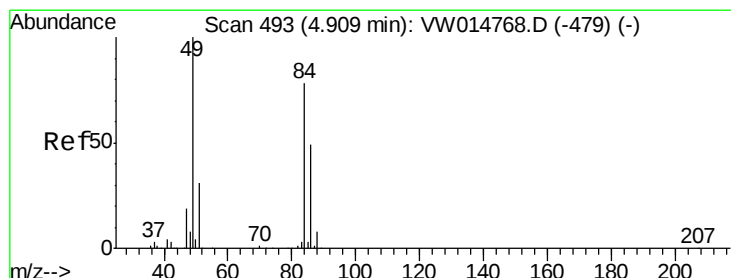
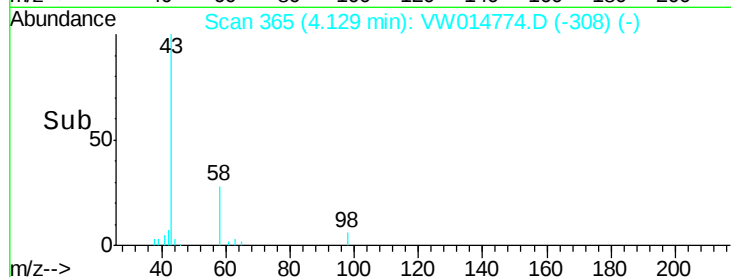
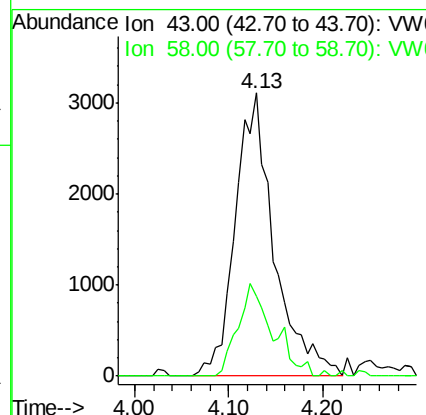
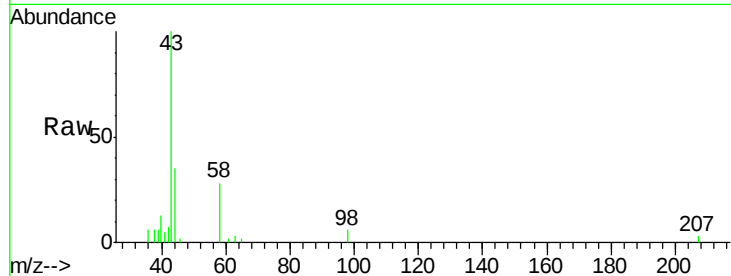
#13
Acetone
Concen: 5.315 ug/L
RT: 4.13 min Scan# 365
Delta R.T. 0.02 min
Lab File: VW014774.D
Acq: 27 Jan 2020 19:13

Instrument :
MSVOA_W
ClientSampleId :
GAT03

Tot Ion	Ratio	Lower	Upper
43	100		
58	23.0	0.0	64.6

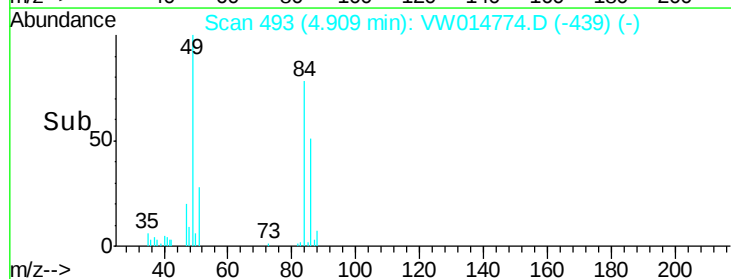
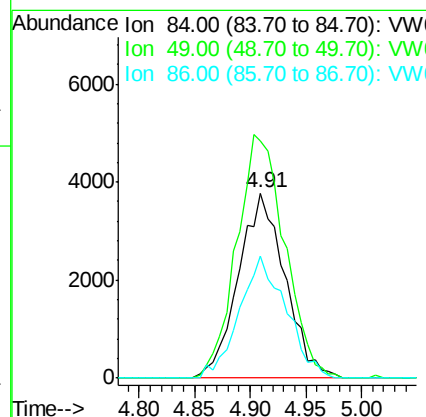
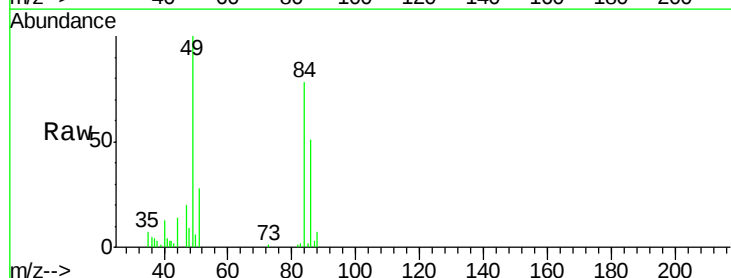
Manual Integrations
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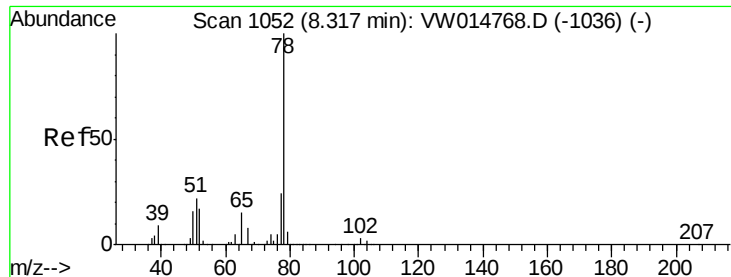
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#16
Methylene chloride
Concen: 1.860 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW014774.D
Acq: 27 Jan 2020 19:13

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.9	90.9	168.7
86	65.9	43.5	80.7





#34

Benzene

Concen: 0.874 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VW014774.D

Acq: 27 Jan 2020 19:13

Instrument :

MSVOA_W

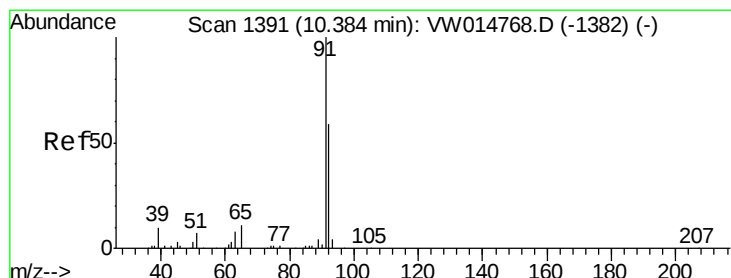
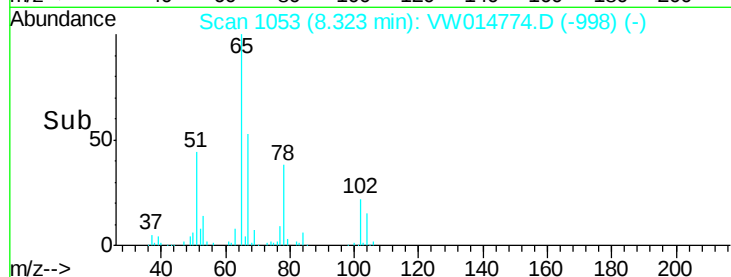
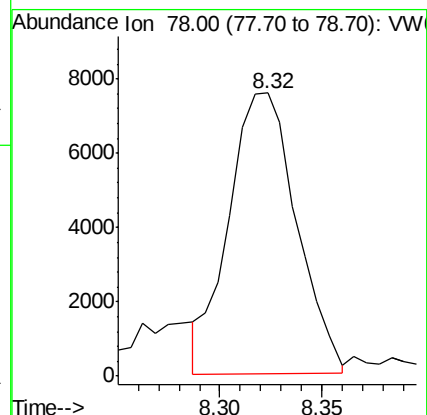
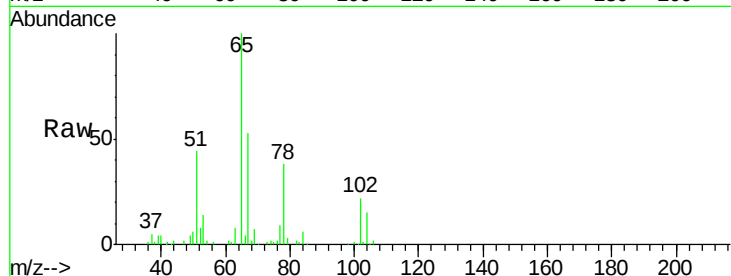
ClientSampleId :

GAT03

Tgt Ion: 78 Resp: 17482

Manual Integrations
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#44

Toluene

Concen: 2.338 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW014774.D

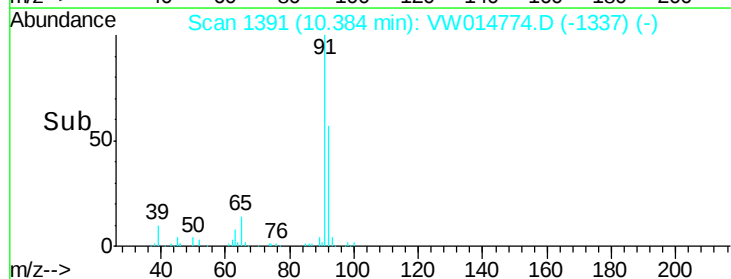
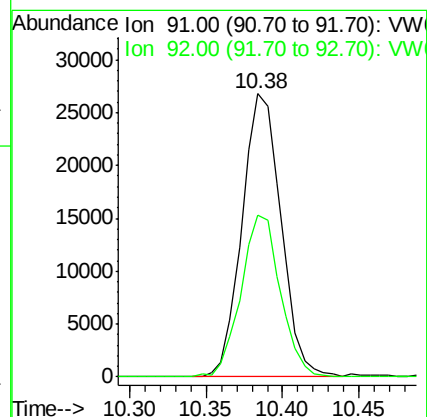
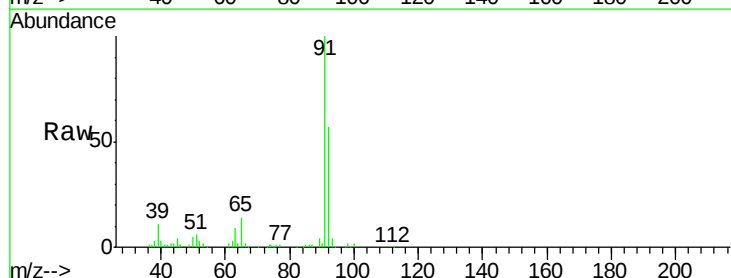
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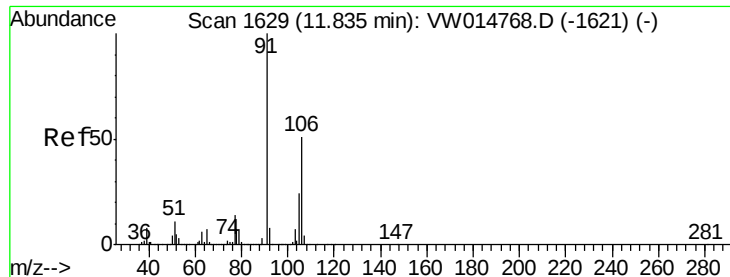
Tgt Ion: 91 Resp: 47518

Ion Ratio Lower Upper

91 100

92 57.0 40.7 75.7





#54

m,p-Xylene

Concen: 3.441 ug/L

RT: 11.83 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VW014774.D

Acq: 27 Jan 2020 19:13

Instrument :

MSVOA_W

ClientSampleId :

GAT03

Tot Ion:106 Resp: 28565

Ion Ratio Lower Upper

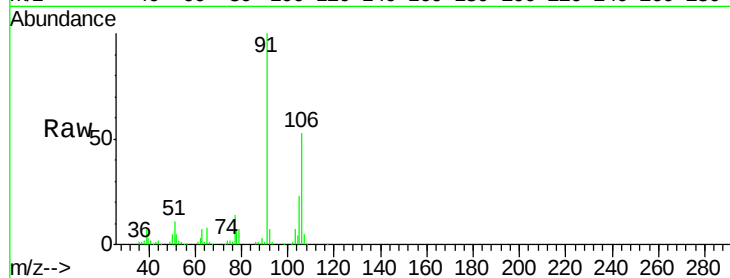
106 100

91 187.2 146.2 271.6

Manual Integrations
APPROVED

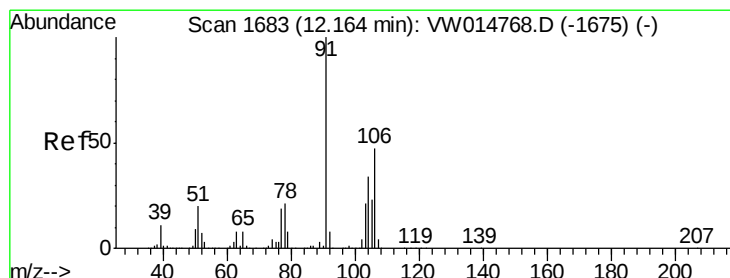
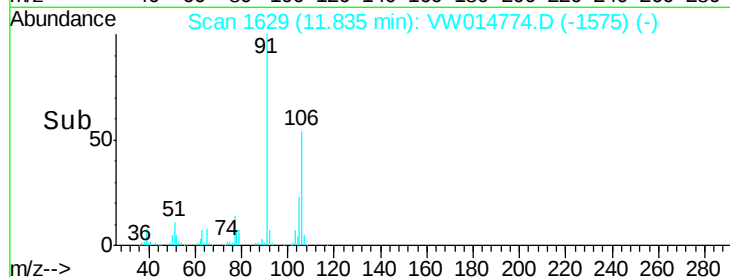
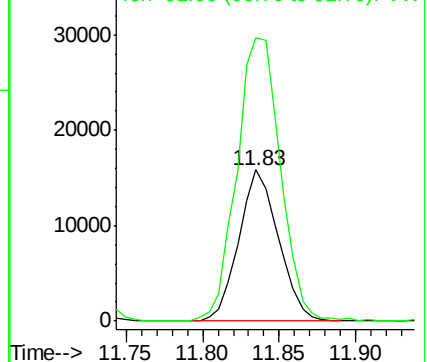
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 2.315 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VW014774.D

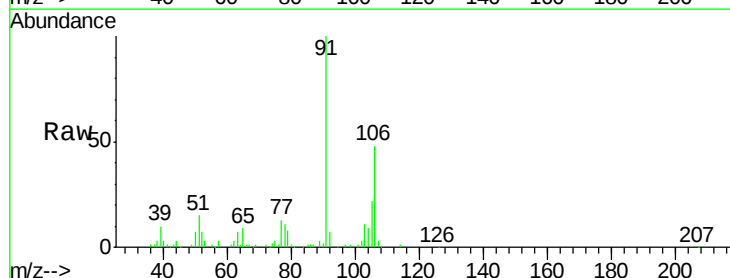
Acq: 27 Jan 2020 19:13

Tgt Ion:106 Resp: 18031

Ion Ratio Lower Upper

106 100

91 209.9 148.7 276.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

