

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012920\
 Data File : VW014792.D
 Acq On : 29 Jan 2020 13:13
 Operator : SY/VA
 Sample : L1271-07
 Misc : 5.03G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GASZ8

Manual Integrations
 APPROVED

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 1/30/2020 5:33:47 PM

Quant Time: Jan 30 07:15:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 30 07:05:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	878393	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	820648	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	395569	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	346112	24.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.52%
7) Chloroethane-d5	2.89	69	288741	24.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.72%
10) 1,1-Dichloroethene-d2	4.01	63	425662	16.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.64%
20) 2-Butanone-d5	7.07	46	150066	37.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.98%
24) Chloroform-d	7.65	84	559578	23.08	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.32%
26) 1,2-Dichloroethane-d4	8.31	65	300619m	23.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.08%
29) Benzene-d6	8.27	84	1154907	22.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.44%
33) 1,2-Dichloropropane-d6	9.27	67	358763	22.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.40%
37) Toluene-d8	10.32	98	1024988	22.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.12%
38) trans-1,3-Dichloropropene-	10.57	79	141710	22.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.60%
39) 2-Hexanone-d5	10.92	63	111090	36.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	249101	19.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	344584	22.23	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.92%

Target Compounds

					Ovalue
13) Acetone	4.12	43	11140	2.633	ug/L 89
16) Methylene chloride	4.92	84	30110	2.028	ug/L 97
44) Toluene	10.38	91	96675	1.810	ug/L 99
53) Ethylbenzene	11.73	91	21488	0.368	ug/L 91
54) m,p-Xylene	11.84	106	85009	3.897	ug/L 98
55) o-xylene	12.16	106	114563	5.597	ug/L 100
56) Styrene	12.18	104	105496	3.039	ug/L 96

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

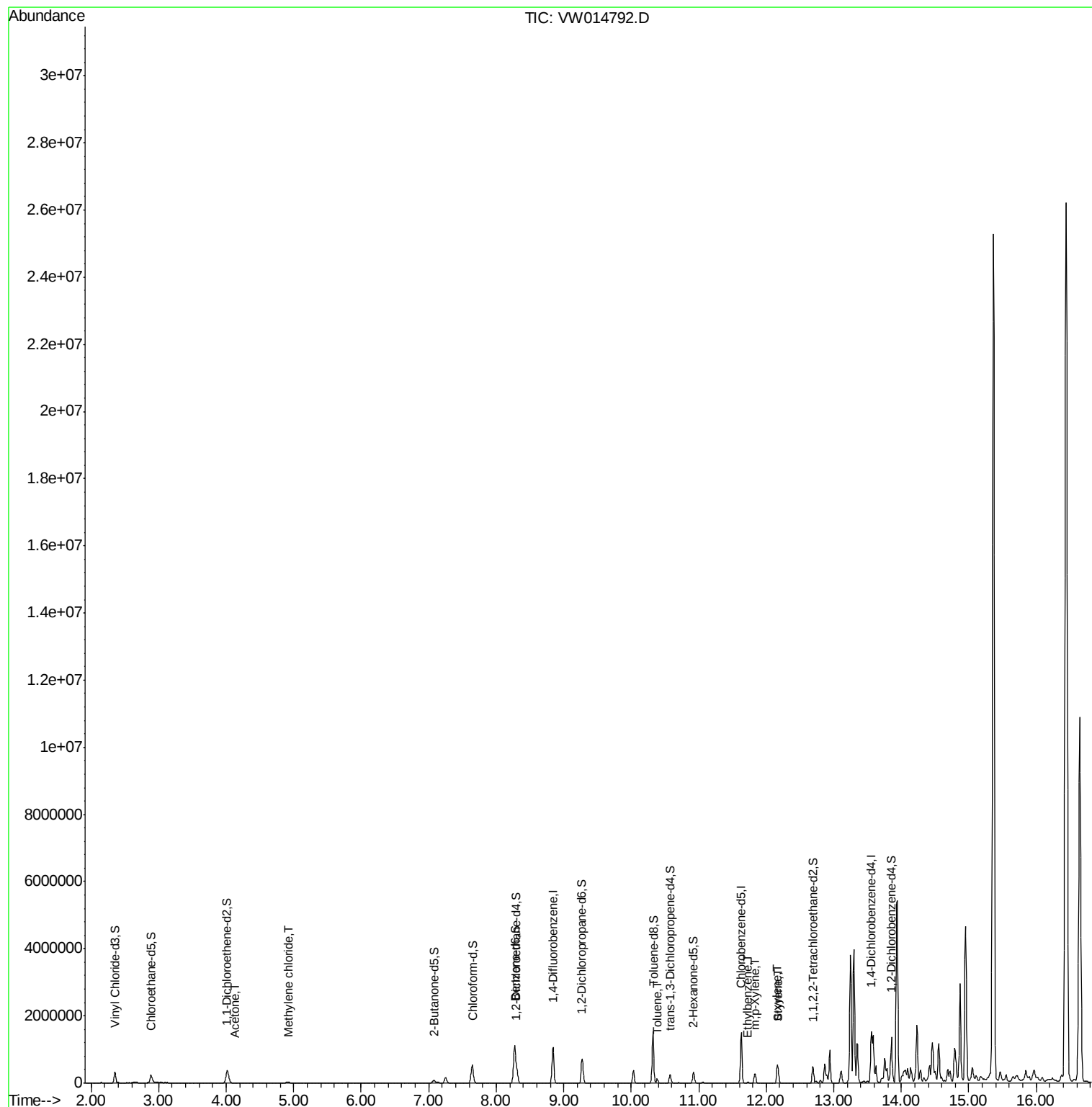
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012920\
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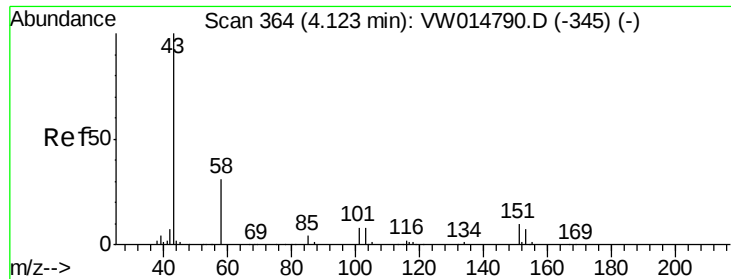
Instrument :
MSVOA_W
ClientSampleId :
GASZ8

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Quant Time: Jan 30 07:15:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 30 07:05:48 2020
Response via : Initial Calibration





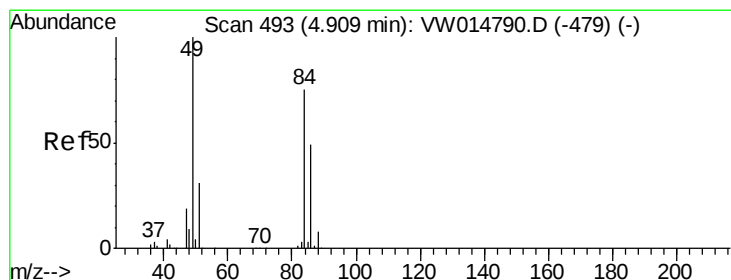
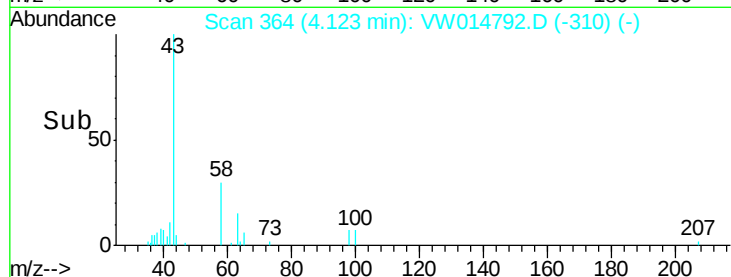
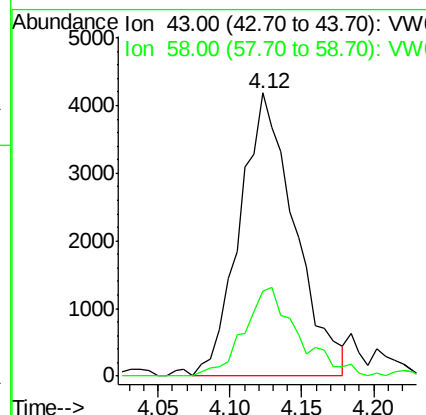
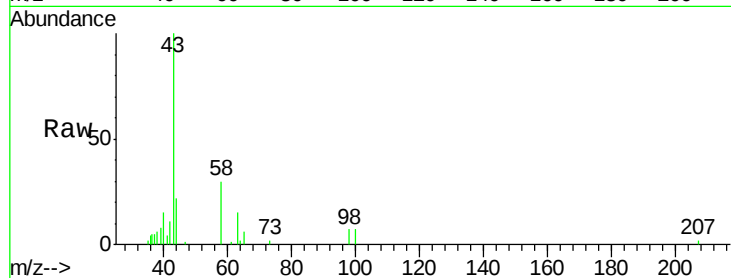
#13
Acetone
Concen: 2.633 ug/L
RT: 4.12 min Scan# 364
Delta R.T. -0.00 min
Lab File: VW014792.D
Acq: 29 Jan 2020 13:13

Instrument :
MSVOA_W
ClientSampleId :
GASZ8

Tot Ion: 43 Resp: 11140
Ion Ratio Lower Upper
43 100
58 26.3 0.0 64.6

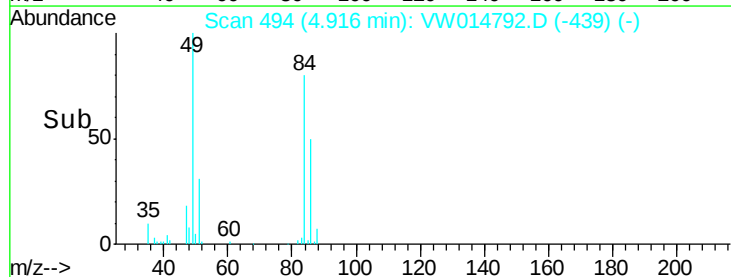
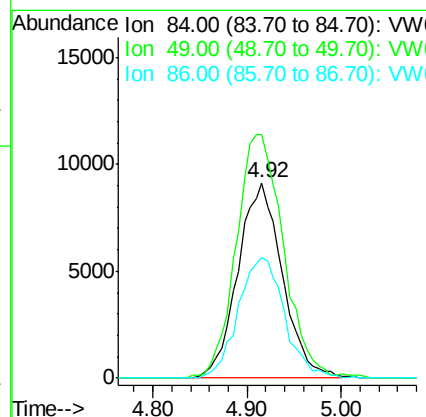
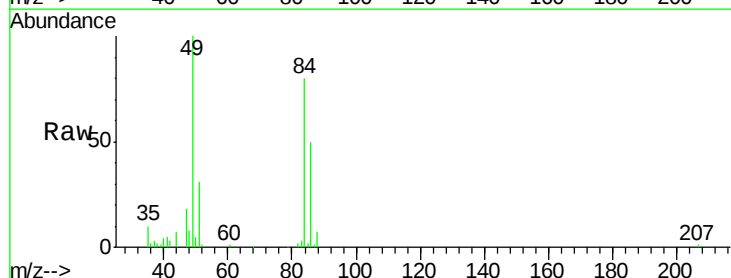
Manual Integrations
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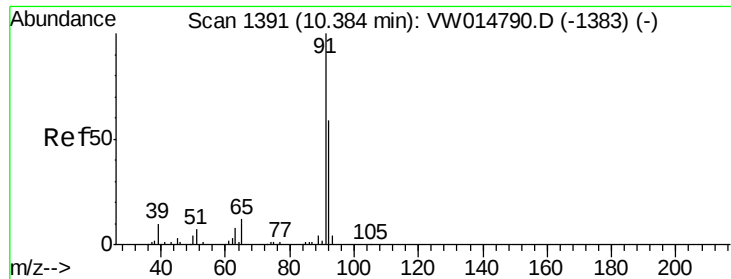
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#16
Methylene chloride
Concen: 2.028 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW014792.D
Acq: 29 Jan 2020 13:13

Tgt Ion: 84 Resp: 30110
Ion Ratio Lower Upper
84 100
49 124.8 90.9 168.7
86 62.0 43.5 80.7





#44

Toluene

Concen: 1.810 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW014792.D

Acq: 29 Jan 2020 13:13

Instrument :

MSVOA_W

ClientSampled :

GASZ8

Tot Ion: 91 Resp: 96675

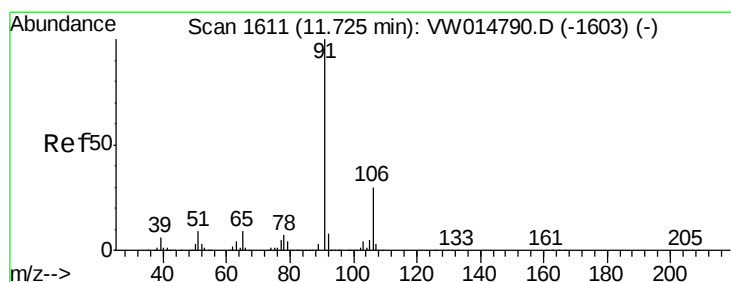
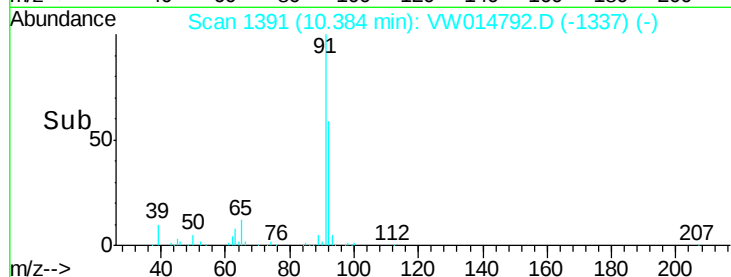
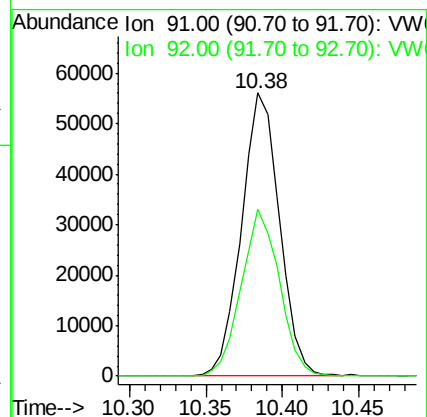
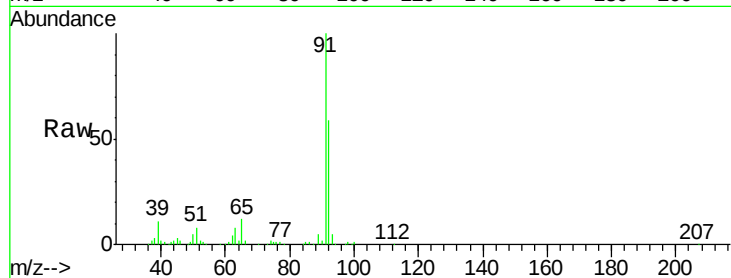
Ion Ratio Lower Upper

91 100

92 58.9 40.7 75.7

Manual Integrations
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#53

Ethylbenzene

Concen: 0.368 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. 0.01 min

Lab File: VW014792.D

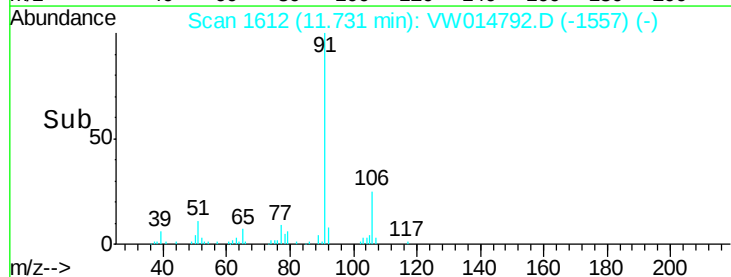
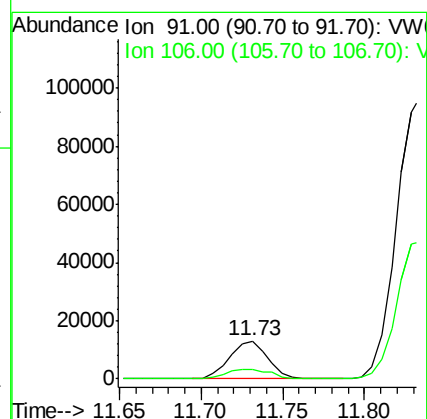
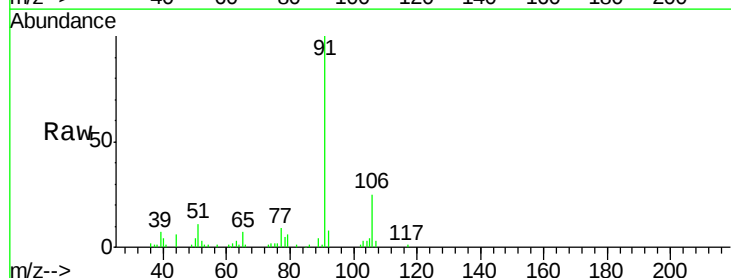
Acq: 29 Jan 2020 13:13

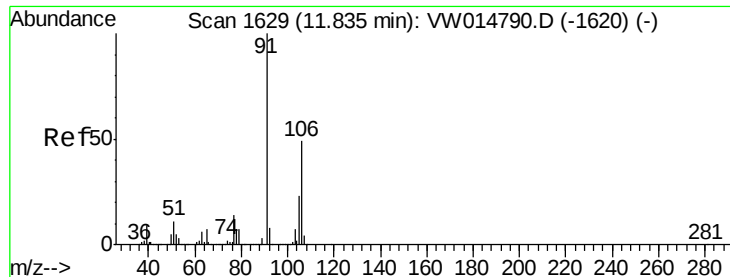
Tgt Ion: 91 Resp: 21488

Ion Ratio Lower Upper

91 100

106 25.4 21.1 39.3





#54

m,p-Xylene

Concen: 3.897 ug/L

RT: 11.84 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VW014792.D

Acq: 29 Jan 2020 13:13

Instrument :

MSVOA_W

ClientSampled :

GASZ8

Tot Ion:106 Resp: 85009

Ion Ratio Lower Upper

106 100

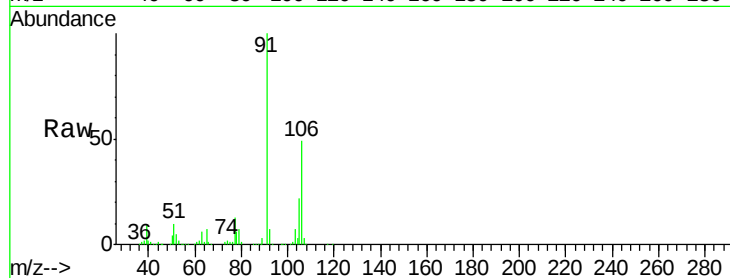
91 206.1 146.2 271.6

Manual Integrations

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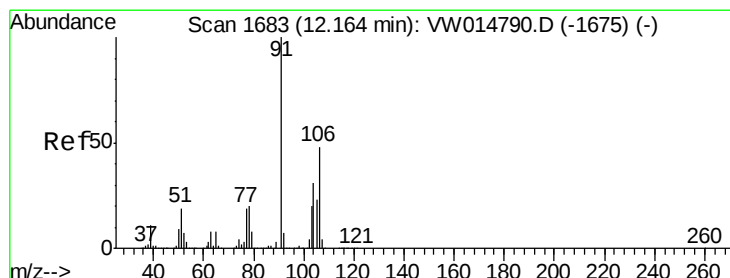
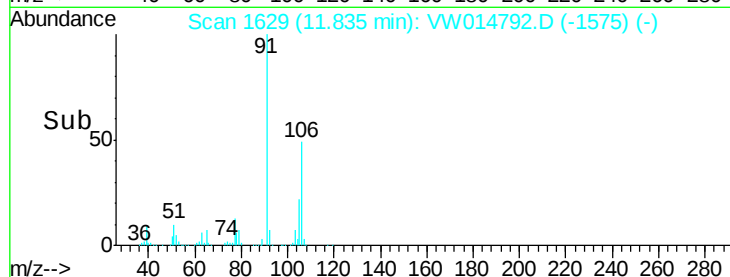
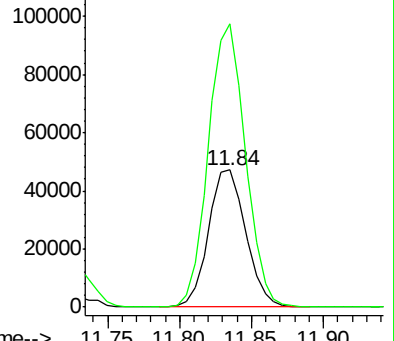
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 5.597 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VW014792.D

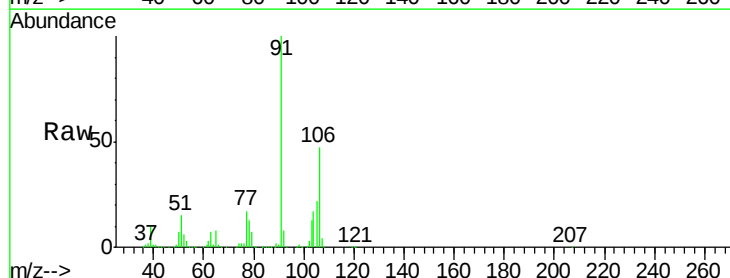
Acq: 29 Jan 2020 13:13

Tgt Ion:106 Resp: 114563

Ion Ratio Lower Upper

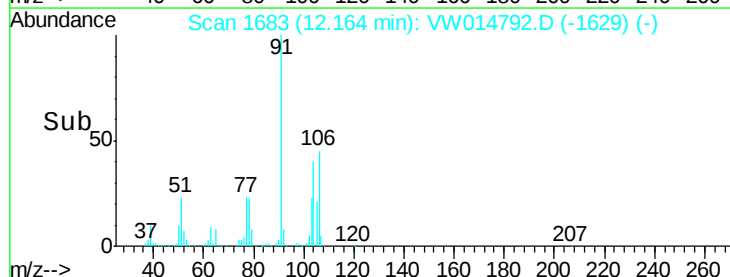
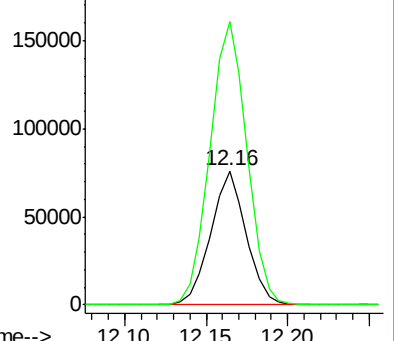
106 100

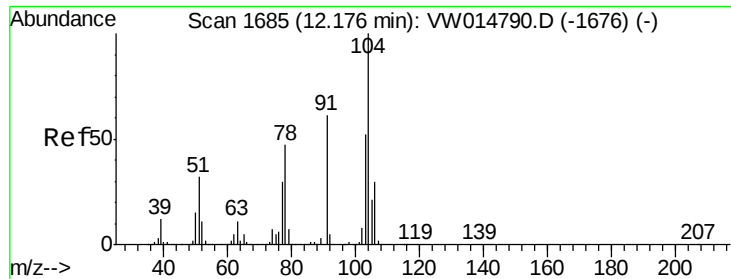
91 211.8 148.7 276.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#56
 Stvrene
 Concen: 3.039 ug/L
 RT: 12.18 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: VW014792.D
 Acq: 29 Jan 2020 13:13

Instrument :
 MSVOA_W
 ClientSampled :
 GASZ8

Tot Ion	Ratio	Resp	Lower	Upper
104	100	105496		
78	48.6	32.0	59.4	

Manual Integrations
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