

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121819\
 Data File : VW014426.D
 Acq On : 18 Dec 2019 12:22
 Operator : SY/VA
 Sample : K6270-10
 Misc : 4.84G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETK86

Manual Integrations
 APPROVED

MMDadoda
 12/19/2019 2:01:12 PM

Quant Time: Dec 19 01:24:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 19 01:06:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1140721	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1034702	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	484863	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	302795	17.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.12%
7) Chloroethane-d5	2.89	69	258159	20.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.40%
10) 1,1-Dichloroethene-d2	4.01	63	461269	15.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.48%
20) 2-Butanone-d5	7.07	46	244744	54.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.74%
24) Chloroform-d	7.64	84	676163	23.28	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.12%
26) 1,2-Dichloroethane-d4	8.31	65	383879	25.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.84%
29) Benzene-d6	8.27	84	1374973	22.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.68%
33) 1,2-Dichloropropane-d6	9.27	67	451422	24.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.80%
37) Toluene-d8	10.32	98	1213354	22.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.52%
38) trans-1,3-Dichloropropene-	10.57	79	181689	23.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.84%
39) 2-Hexanone-d5	10.92	63	200579	54.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	390789	25.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	439004	23.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.76%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	18319m	4.221	ug/L	
30) Cyclohexane	7.95	56	20662	0.800	ug/L #	83
34) Benzene	8.32	78	79652	1.216	ug/L	100
36) Methylcyclohexane	9.33	83	32828	1.165	ug/L #	88
44) Toluene	10.38	91	186295	2.712	ug/L	99
53) Ethylbenzene	11.73	91	55037	0.738	ug/L	97
54) m,p-Xylene	11.84	106	32124	1.121	ug/L	95
55) o-xylene	12.16	106	13830	0.509	ug/L	89

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

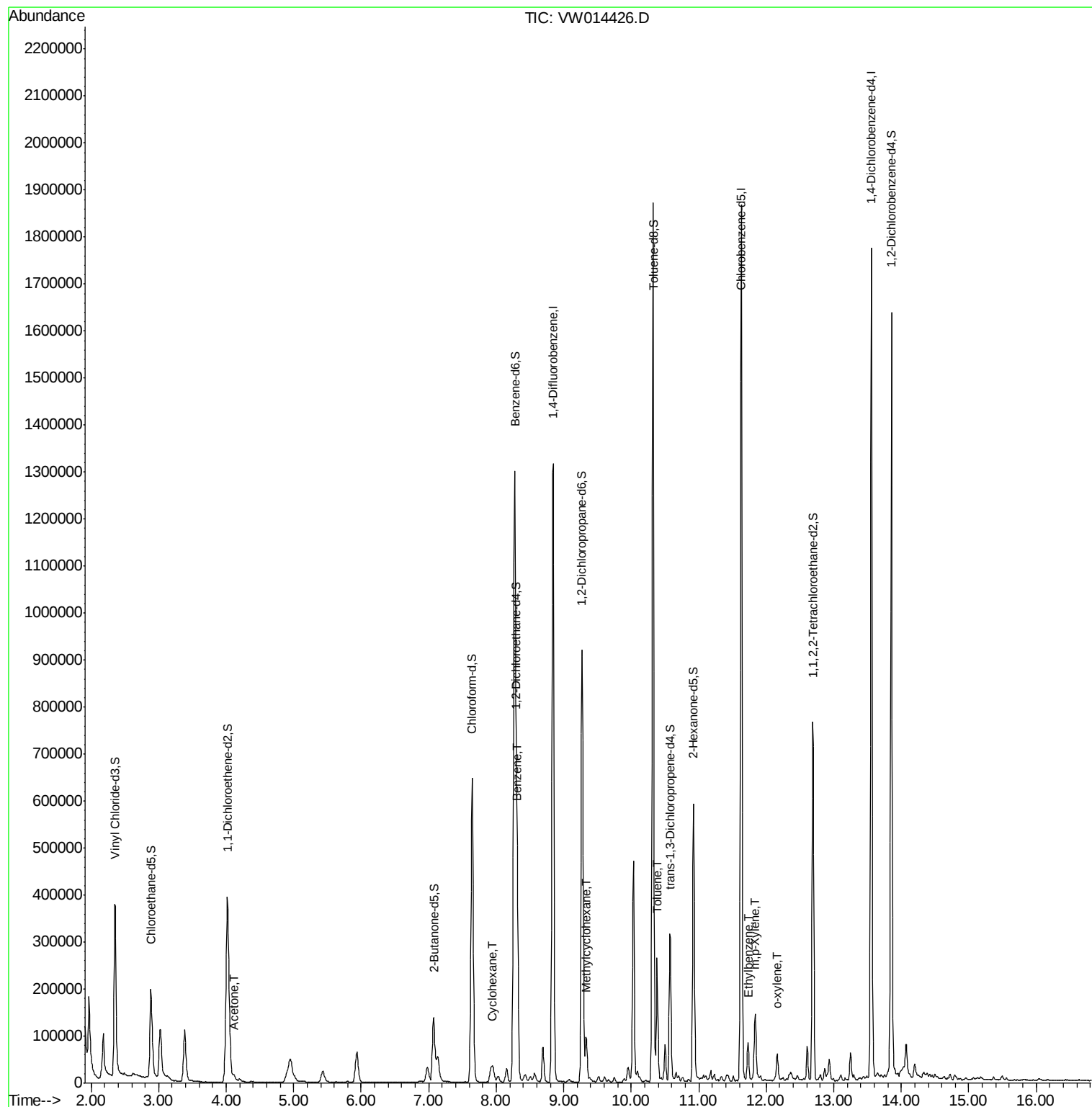
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121819\
Data File : VW014426.D
Acq On : 18 Dec 2019 12:22
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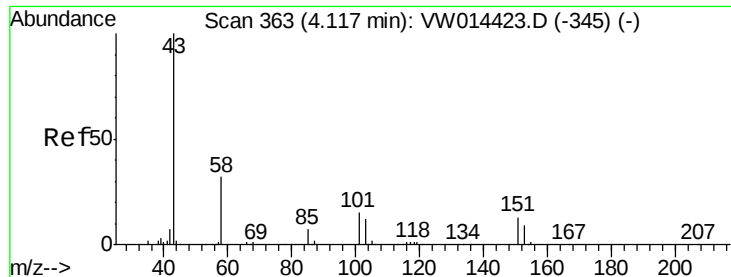
Instrument :
MSVOA_W
ClientSampleId :
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Quant Time: Dec 19 01:24:35 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 19 01:06:45 2019
Response via : Initial Calibration





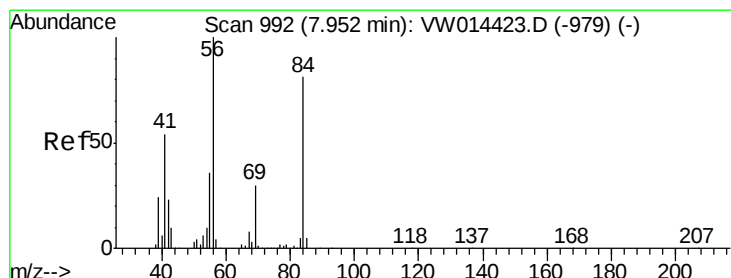
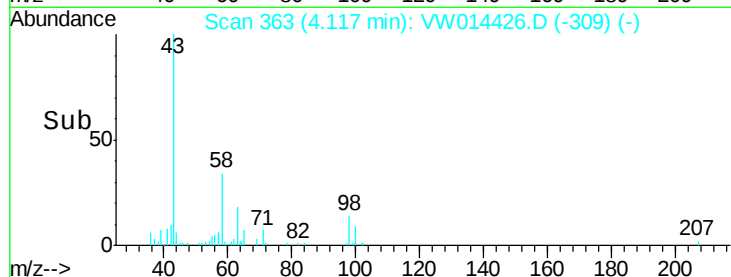
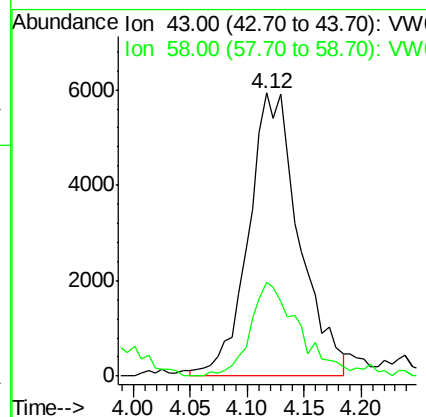
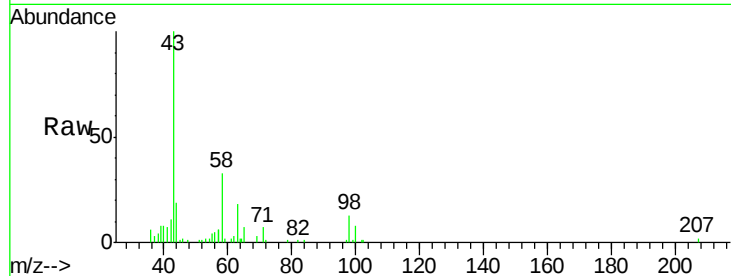
#13
Acetone
Concen: 4.221 ug/L m
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW014426.D
Acq: 18 Dec 2019 12:22

Instrument :
MSVOA_W
ClientSampleId :
ETK86

Tot Ion	Ratio	Lower	Upper
43	100		
58	31.6	0.0	65.4

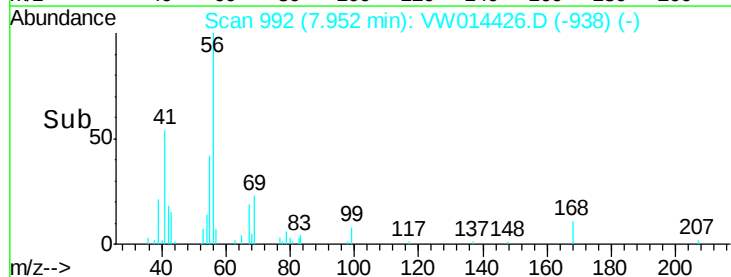
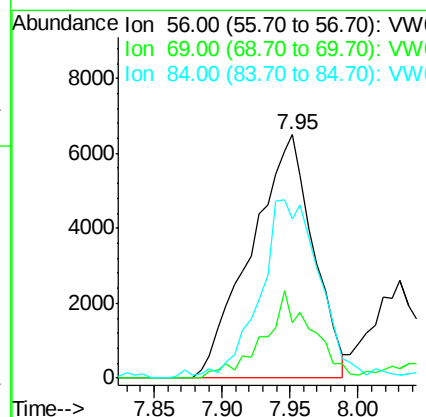
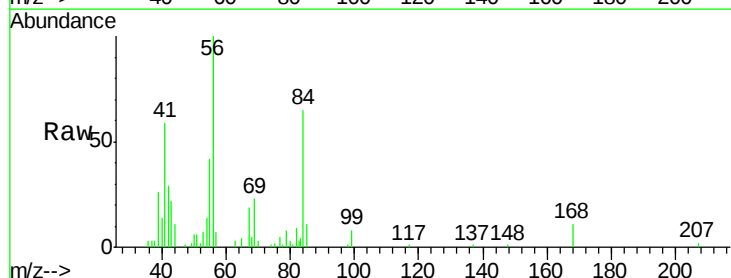
Manual Integrations
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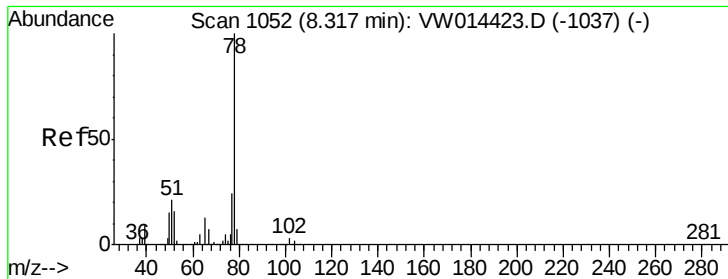
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#30
Cyclohexane
Concen: 0.800 ug/L
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW014426.D
Acq: 18 Dec 2019 12:22

Tgt Ion	Ratio	Lower	Upper
56	100		
69	26.0	24.6	37.0
84	69.6	70.2	105.2#





#34

Benzene

Concen: 1.216 ug/L

RT: 8.32 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VW014426.D

Acq: 18 Dec 2019 12:22

Instrument :

MSVOA_W

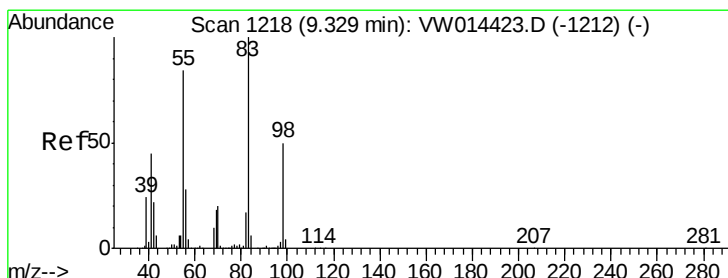
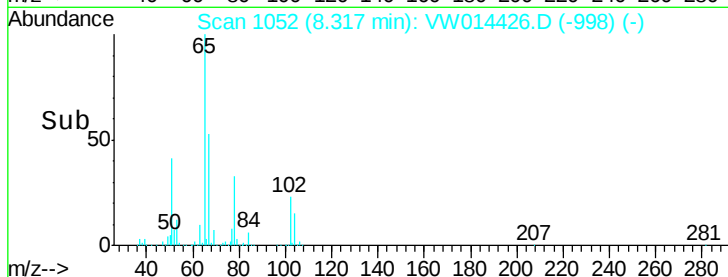
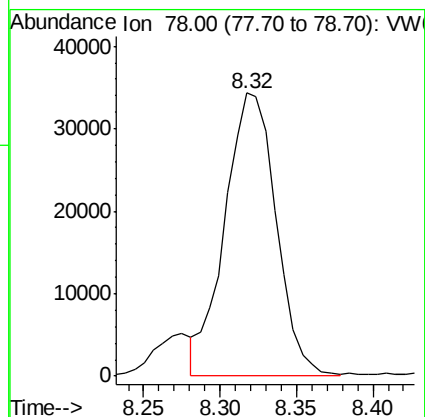
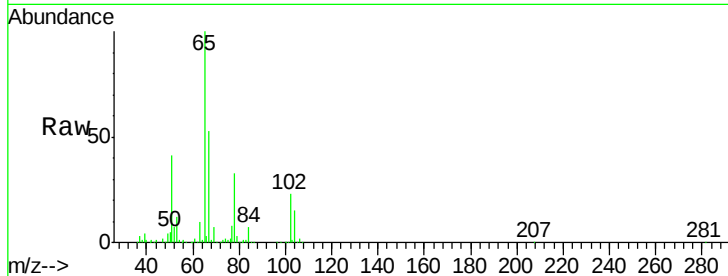
ClientSampleId :

ETK86

Tgt Ion: 78 Resp: 79652

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#36

Methylcyclohexane

Concen: 1.165 ug/L

RT: 9.33 min Scan# 1218

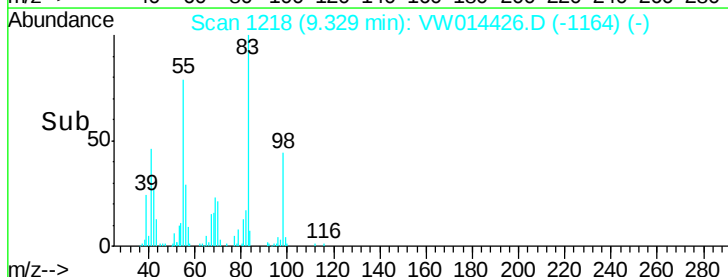
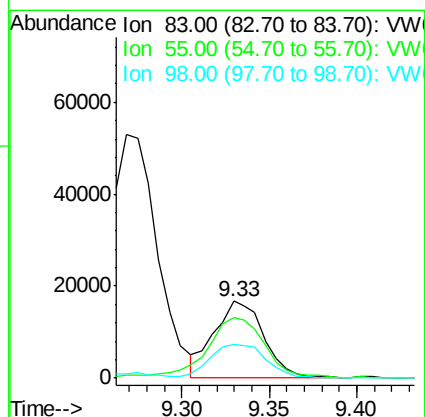
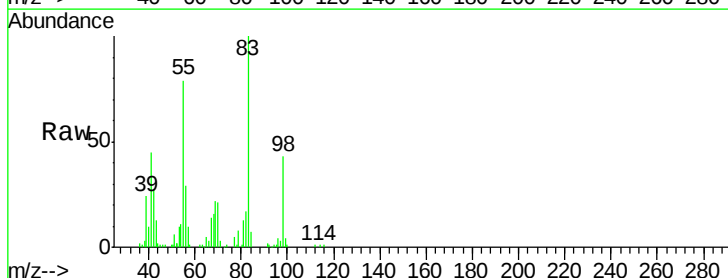
Delta R.T. 0.00 min

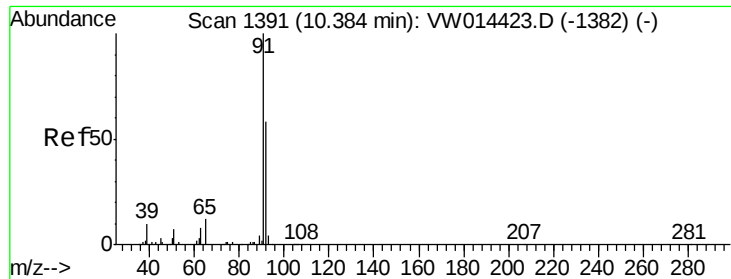
Lab File: VW014426.D

Acq: 18 Dec 2019 12:22

Tgt Ion: 83 Resp: 32828

Ion	Ratio	Lower	Upper
83	100		
55	91.0	59.8	89.8#
98	50.8	39.5	59.3





#44

Toluene

Concen: 2.712 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW014426.D

Acq: 18 Dec 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

ETK86

Tot Ion: 91 Resp: 186295

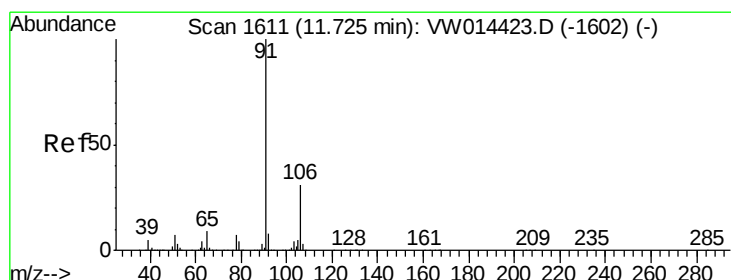
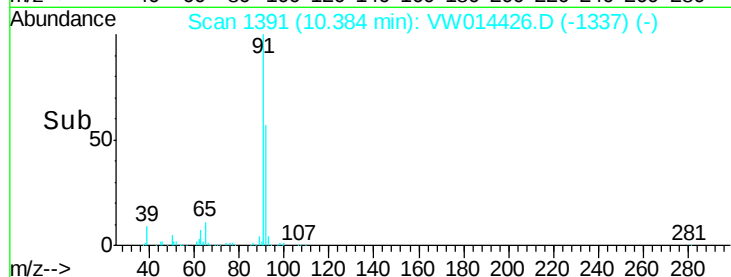
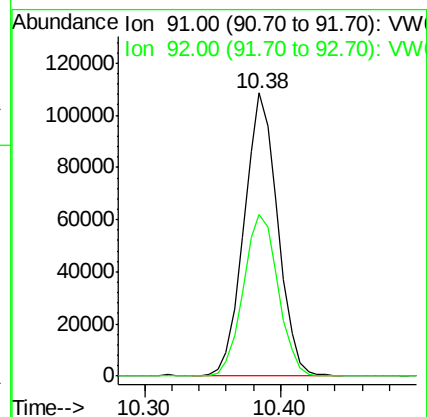
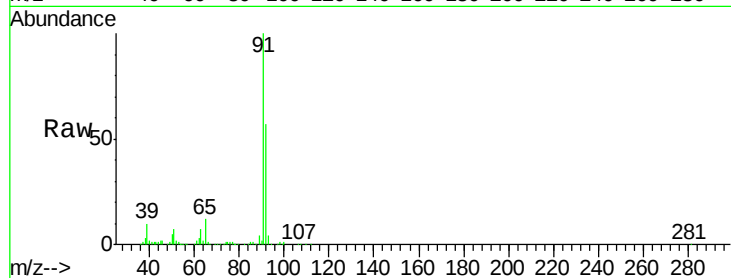
Ion Ratio Lower Upper

91 100

92 57.3 40.7 75.7

Manual Integrations
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#53

Ethylbenzene

Concen: 0.738 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. 0.01 min

Lab File: VW014426.D

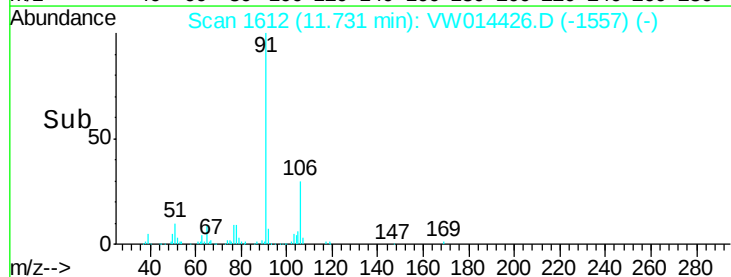
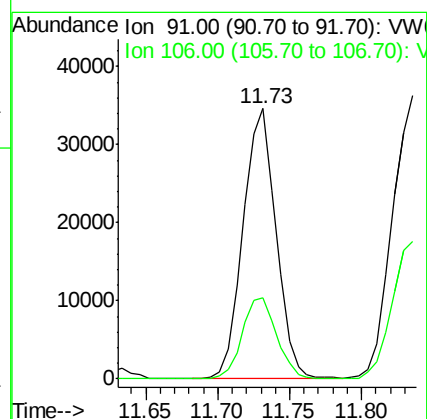
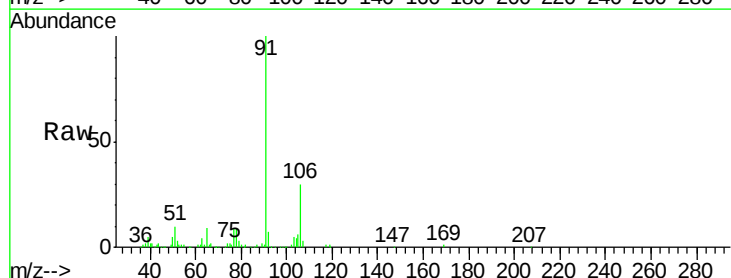
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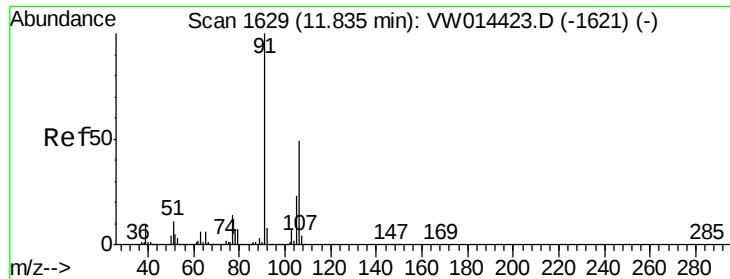
Tgt Ion: 91 Resp: 55037

Ion Ratio Lower Upper

91 100

106 30.0 22.3 41.5





#54

m,p-Xylene

Concen: 1.121 ug/L

RT: 11.84 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VW014426.D

Acq: 18 Dec 2019 12:22

Instrument :

MSVOA_W

ClientSampleId :

ETK86

Tot Ion:106 Resp: 32124

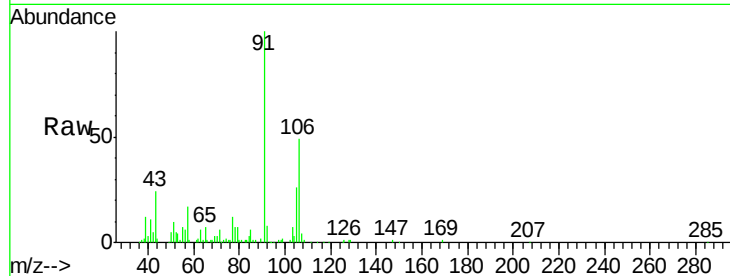
Ion Ratio Lower Upper

106 100

91 206.0 138.7 257.5

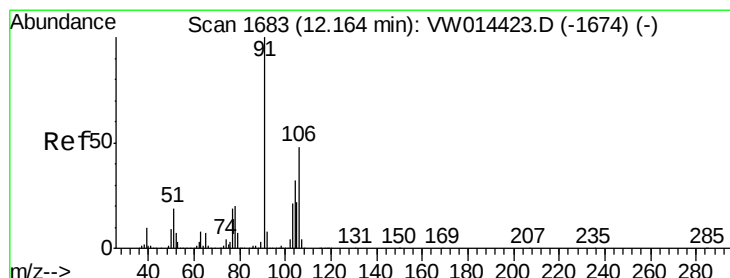
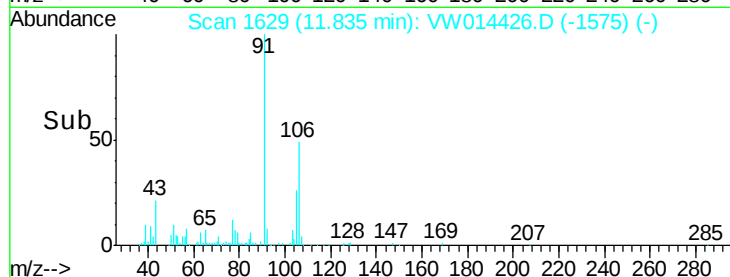
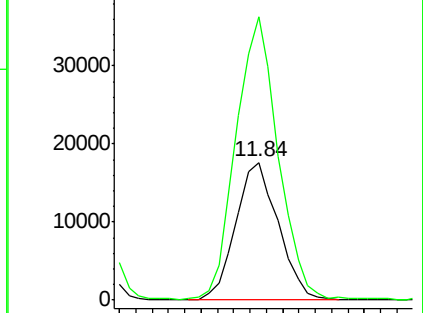
Manual Integrations
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12/19/2019 2:01:12 PM



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 0.509 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VW014426.D

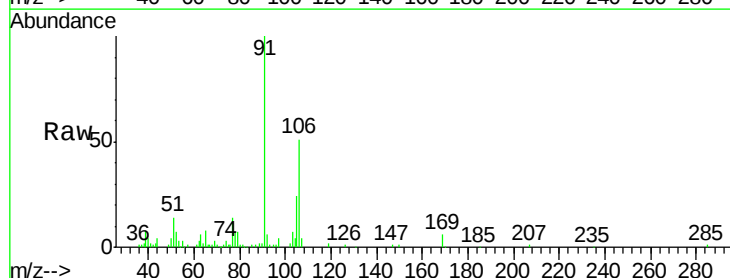
Acq: 18 Dec 2019 12:22

Tgt Ion:106 Resp: 13830

Ion Ratio Lower Upper

106 100

91 194.2 148.3 275.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

