

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121319\
 Data File : VW014350.D
 Acq On : 13 Dec 2019 15:29
 Operator : SY/VA
 Sample : K6270-01
 Misc : 5.44G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETK79

Manual Integrations
 APPROVED

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Quant Time: Dec 14 05:32:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 14 04:28:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1325326	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1141484	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	487051	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	386487	19.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.04%
7) Chloroethane-d5	2.89	69	313435	21.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.00%
10) 1,1-Dichloroethene-d2	4.01	63	559511	15.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.12%
20) 2-Butanone-d5	7.07	46	185591	35.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.98%
24) Chloroform-d	7.64	84	737300	21.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	8.30	65	371370	20.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.96%
29) Benzene-d6	8.27	84	1549770	23.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.68%
33) 1,2-Dichloropropane-d6	9.27	67	477414	23.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.80%
37) Toluene-d8	10.32	98	1368910	22.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.52%
38) trans-1,3-Dichloropropene-	10.57	79	174624	20.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.88%
39) 2-Hexanone-d5	10.92	63	159001	38.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.70%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	333231	19.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	423615	22.76	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.04%

Target Compounds

					Ovalue
13) Acetone	4.12	43	20345	4.035 ug/L	94
30) Cyclohexane	7.95	56	23243	0.816 ug/L #	76
34) Benzene	8.32	78	79814m	1.104 ug/L	
36) Methylcyclohexane	9.34	83	36236	1.166 ug/L #	86
44) Toluene	10.38	91	181354	2.393 ug/L	99
53) Ethylbenzene	11.72	91	58928	0.717 ug/L	91
54) m,p-Xylene	11.83	106	35650	1.127 ug/L	96
55) o-xylene	12.16	106	13835	0.461 ug/L	96

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

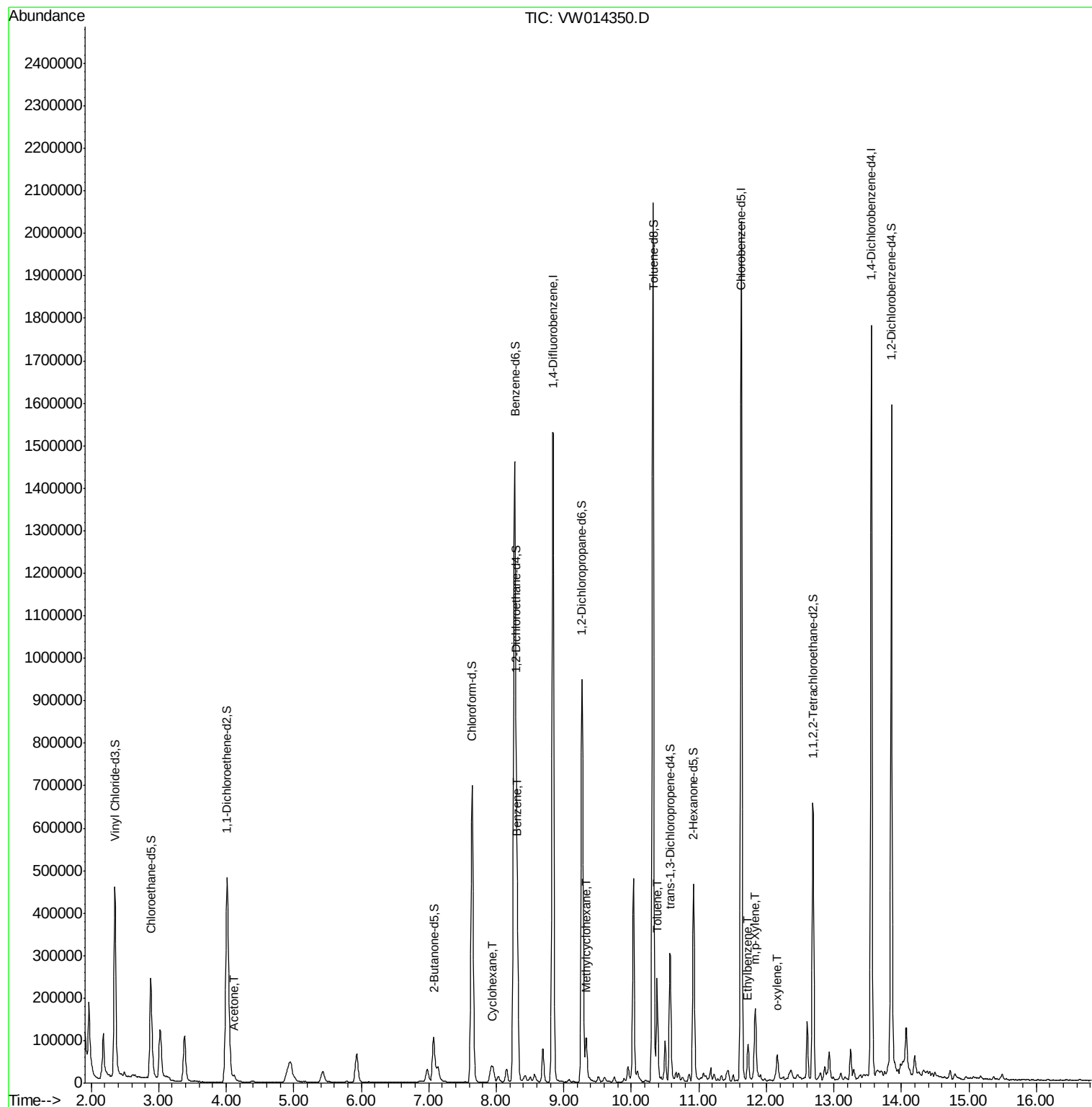
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121319\
Data File : VW014350.D
Acq On : 13 Dec 2019 15:29
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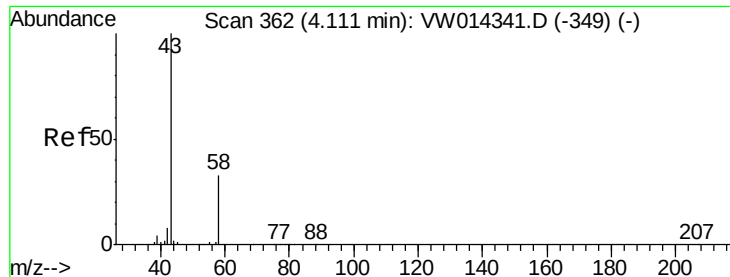
Instrument :
MSVOA_W
ClientSampleId :
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Quant Time: Dec 14 05:32:49 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 14 04:28:18 2019
Response via : Initial Calibration





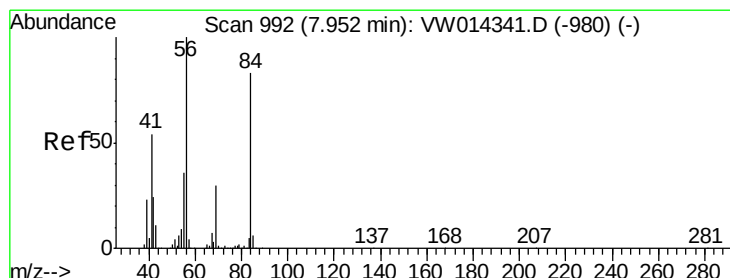
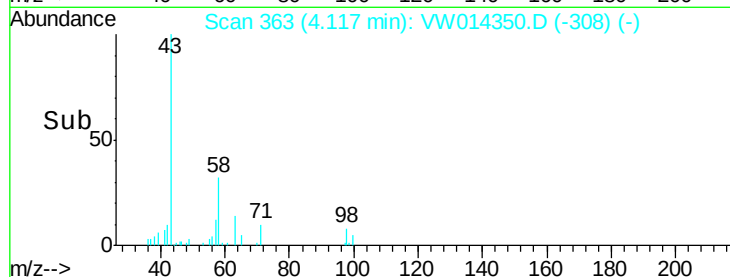
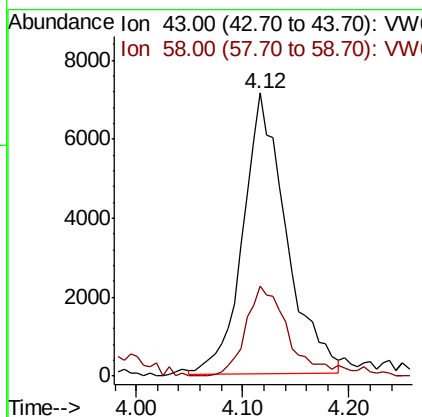
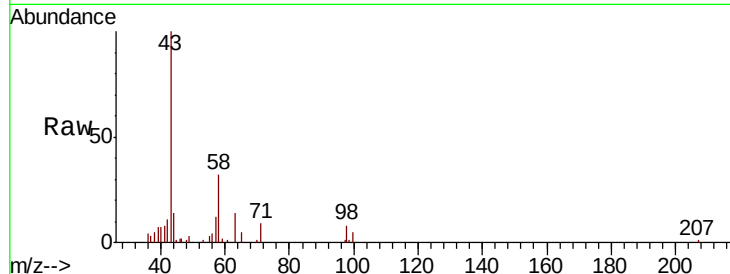
#13
Acetone
Concen: 4.035 ug/L
RT: 4.12 min Scan# 363
Delta R.T. 0.01 min
Lab File: VW014350.D
Acq: 13 Dec 2019 15:29

Instrument :
MSVOA_W
ClientSampled :
ETK79

Tot Ion	Ratio	Lower	Upper
43	100		
58	29.3	0.0	65.4

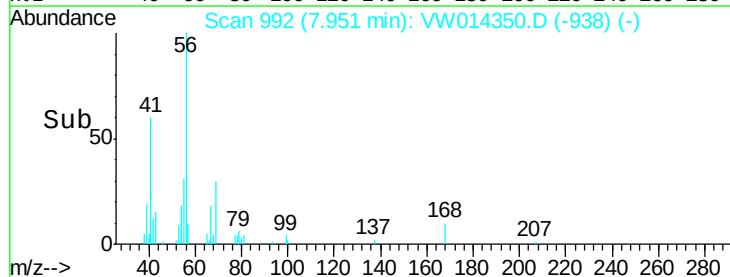
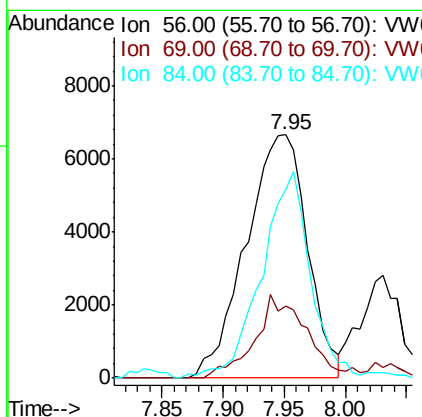
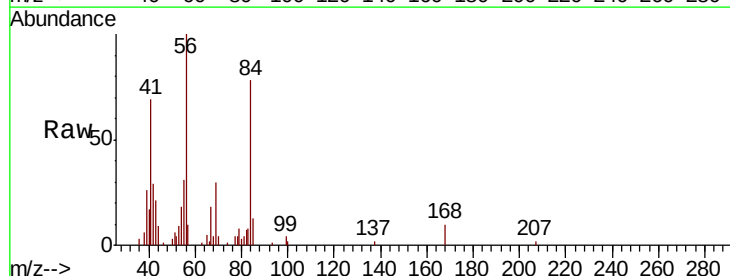
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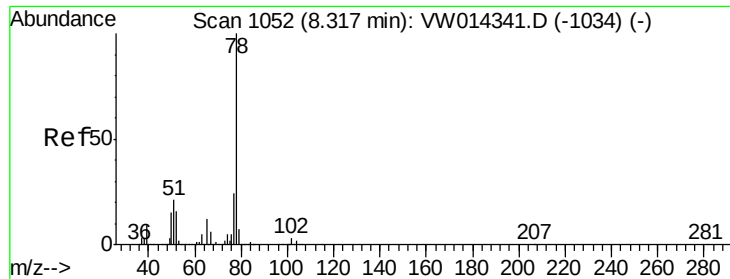
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#30
Cyclohexane
Concen: 0.816 ug/L
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW014350.D
Acq: 13 Dec 2019 15:29

Tgt Ion	Ratio	Lower	Upper
56	100		
69	14.4	24.6	37.0#
84	67.6	70.2	105.2#





#34

Benzene

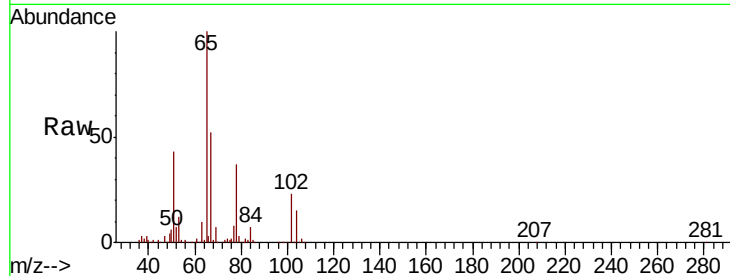
Concen: 1.104 ug/L m
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW014350.D
Acq: 13 Dec 2019 15:29

Instrument :
MSVOA_W
ClientSampled :
ETK79

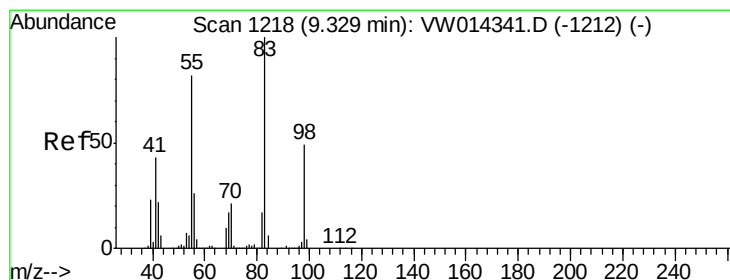
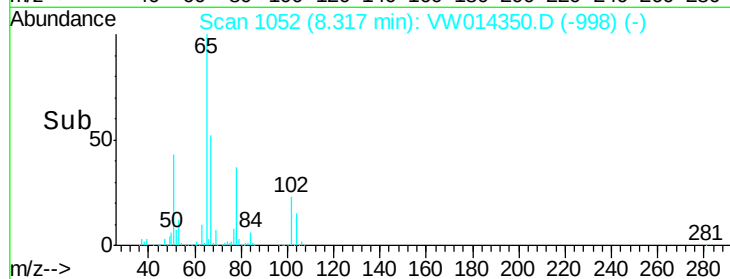
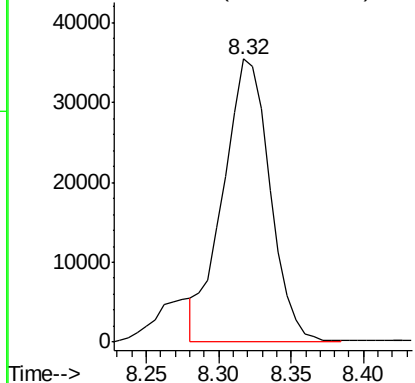
Tgt Ion: 78 Resp: 79814

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Abundance Ion 78.00 (77.70 to 78.70): VW

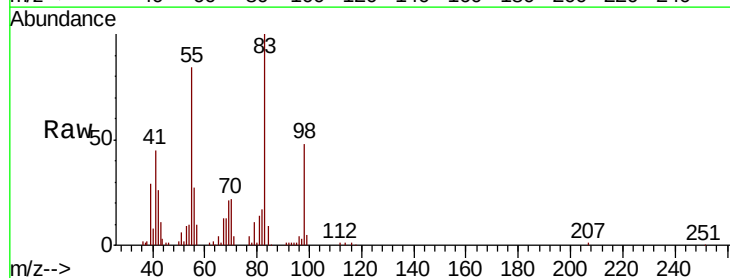


#36

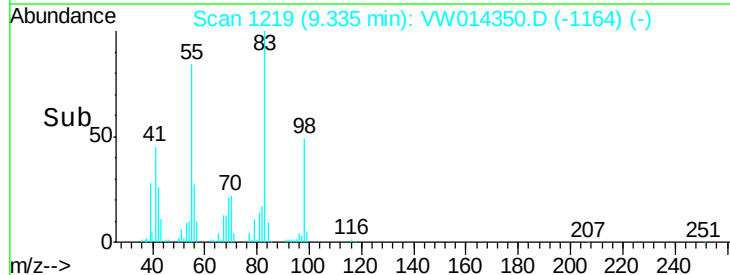
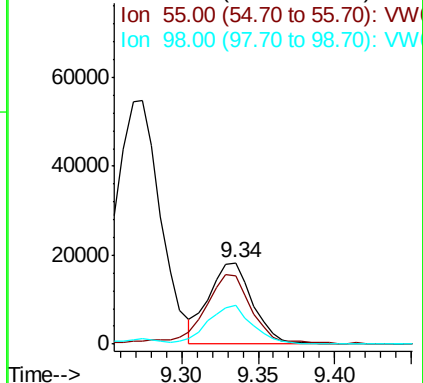
Methylcyclohexane

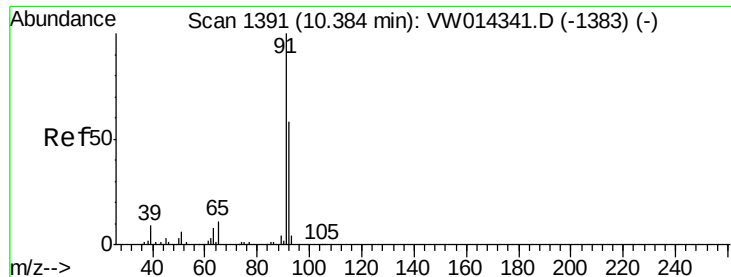
Concen: 1.166 ug/L
RT: 9.34 min Scan# 1219
Delta R.T. 0.01 min
Lab File: VW014350.D
Acq: 13 Dec 2019 15:29

Tgt Ion: 83 Resp: 36236
Ion Ratio Lower Upper
83 100
55 93.9 59.8 89.8#
98 48.3 39.5 59.3



Abundance Ion 83.00 (82.70 to 83.70): VW





#44

Toluene

Concen: 2.393 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW014350.D

Acq: 13 Dec 2019 15:29

Instrument :

MSVOA_W

ClientSampleId :

ETK79

Tot Ion: 91 Resp: 181354

Ion Ratio Lower Upper

91 100

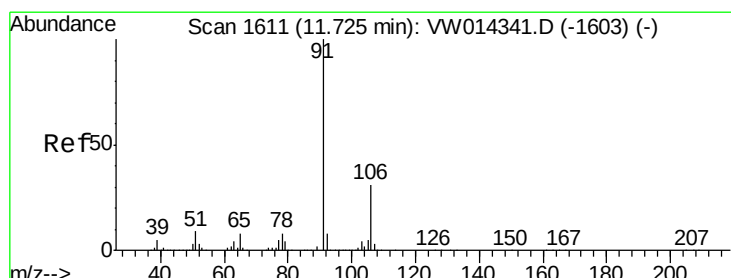
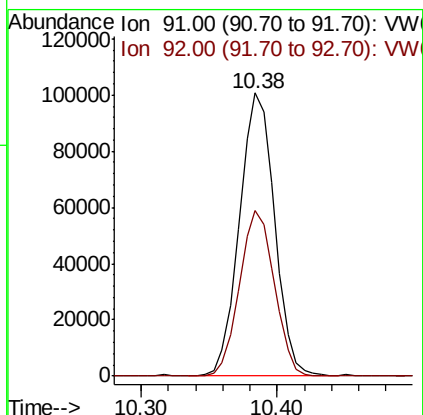
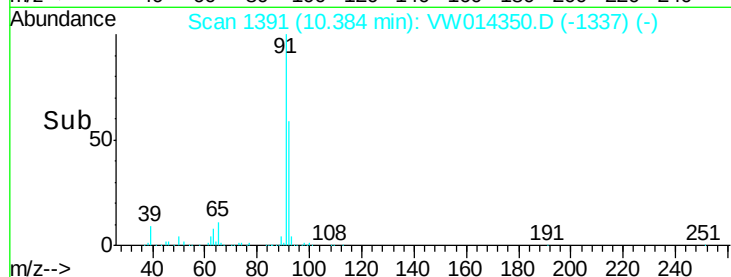
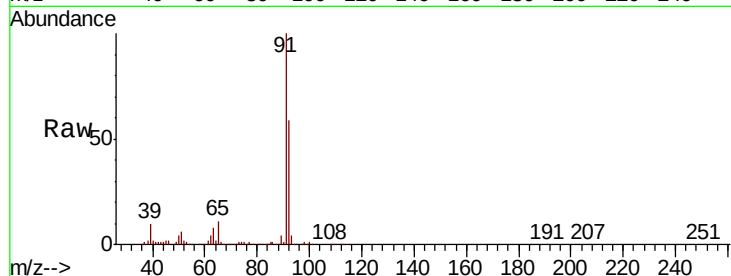
92 58.7 40.7 75.7

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#53

Ethylbenzene

Concen: 0.717 ug/L

RT: 11.72 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VW014350.D

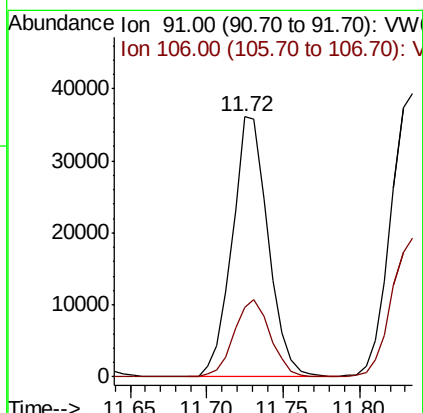
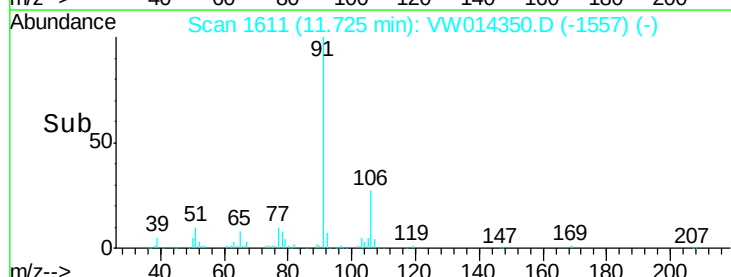
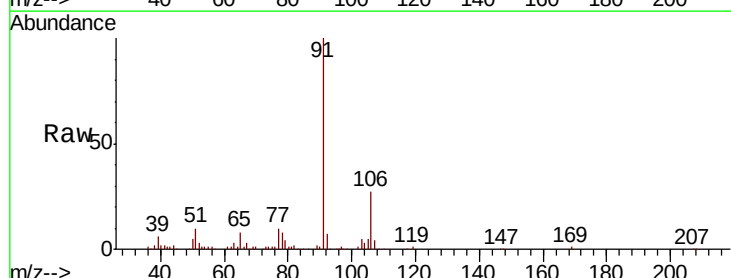
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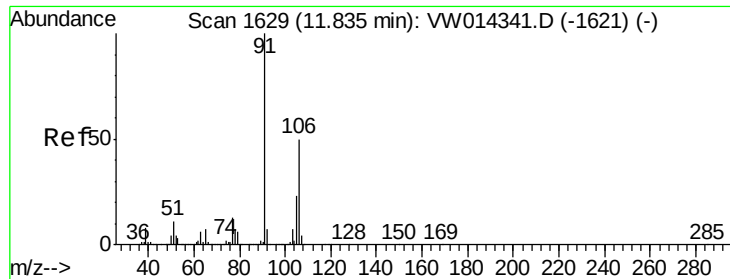
Tgt Ion: 91 Resp: 58928

Ion Ratio Lower Upper

91 100

106 26.9 22.3 41.5





#54

m,p-Xylene

Concen: 1.127 ug/L

RT: 11.83 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VW014350.D

Acq: 13 Dec 2019 15:29

Instrument :

MSVOA_W

ClientSampled :

ETK79

Tot Ion:106 Resp: 35650

Ion Ratio Lower Upper

106 100

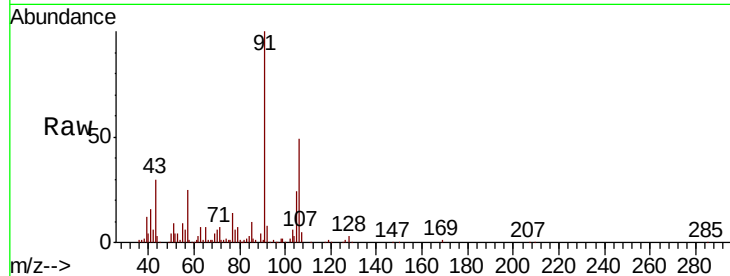
91 204.7 138.7 257.5

Manual Integrations

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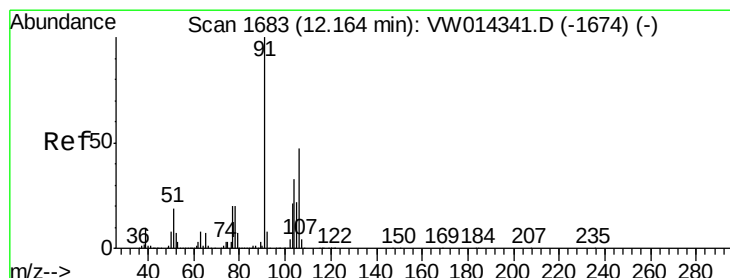
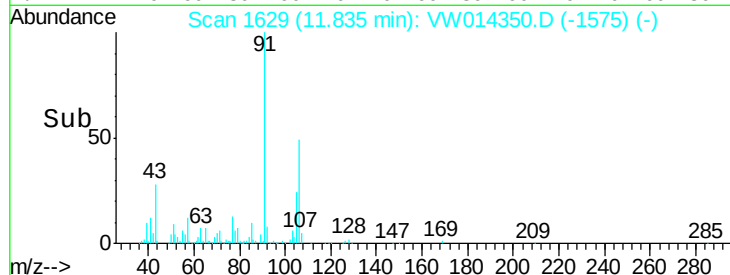
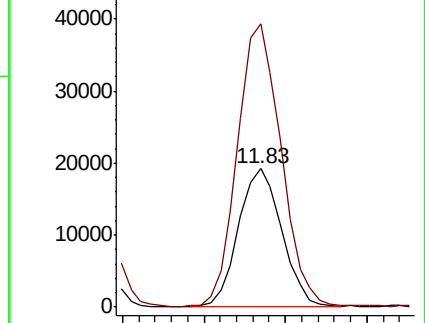
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 0.461 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VW014350.D

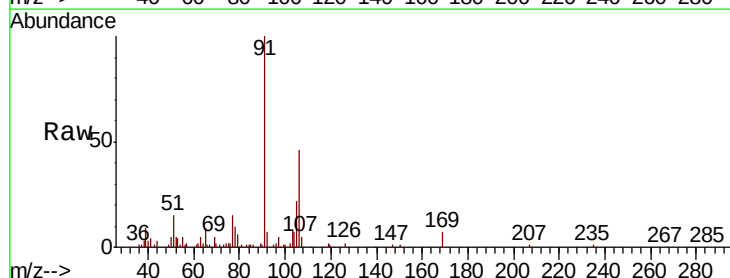
Acq: 13 Dec 2019 15:29

Tgt Ion:106 Resp: 13835

Ion Ratio Lower Upper

106 100

91 218.3 148.3 275.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

