

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112919\
 Data File : VW014185.D
 Acq On : 29 Nov 2019 16:52
 Operator : SY/VA
 Sample : K6089-15
 Misc : 2.92G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BR3

Manual Integrations
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Quant Time: Nov 30 06:09:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 30 04:10:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	97400	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	28870	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	2969	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	48809	31.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	125.64%
7) Chloroethane-d5	2.89	69	54702	43.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	173.68%#
10) 1,1-Dichloroethene-d2	4.02	63	66749	20.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.72%
20) 2-Butanone-d5	7.07	46	47992	106.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	212.60%#
24) Chloroform-d	7.65	84	140221	46.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	187.28%#
26) 1,2-Dichloroethane-d4	8.31	65	56880	37.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	151.12%#
29) Benzene-d6	8.27	84	223897	109.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	437.20%#
33) 1,2-Dichloropropane-d6	9.27	67	78630	131.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	524.16%#
37) Toluene-d8	10.32	98	79037	40.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	162.76%#
38) trans-1,3-Dichloropropene-	10.57	79	6181	24.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.20%
39) 2-Hexanone-d5	10.93	63	12963	113.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	227.84%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	35371	78.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	312.24%#
61) 1,2-Dichlorobenzene-d4	13.85	152	4072	34.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	136.56%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	4588m	9.987	ug/L	
16) Methylene chloride	4.92	84	6659m	3.551	ug/L	
30) Cyclohexane	7.95	56	5606	6.068	ug/L	98
36) Methylcyclohexane	9.34	83	10704	10.568	ug/L	94
44) Toluene	10.39	91	9723	4.211	ug/L	90
54) m,p-Xylene	11.83	106	1668	1.694	ug/L	94
55) o-xylene	12.16	106	1719	1.864	ug/L	93

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

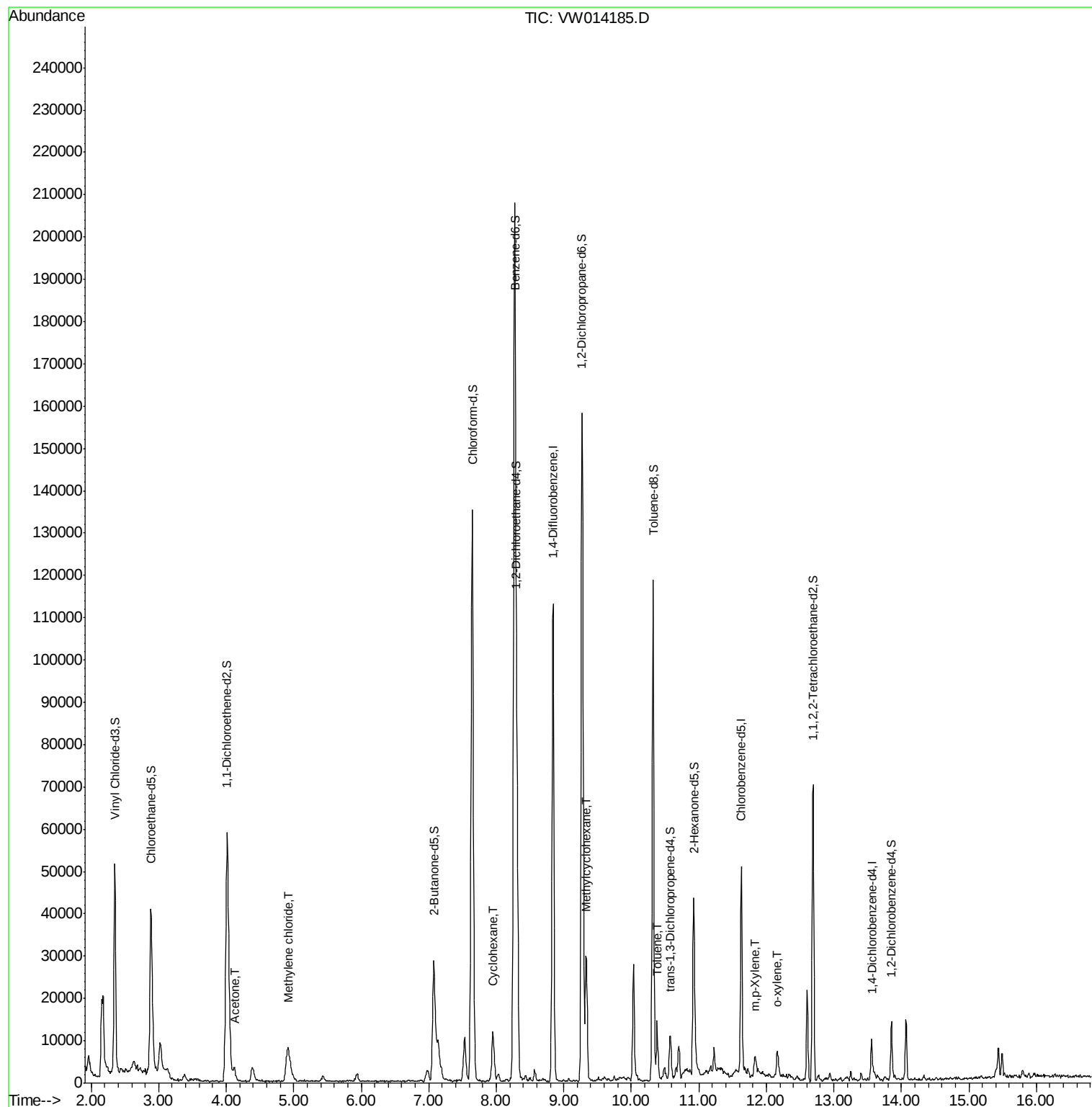
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW112919\
Data File : VW014185.D
Acq On : 29 Nov 2019 16:52
Operator : SY/VA
Sample : K6089-15
Misc : 2.92G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

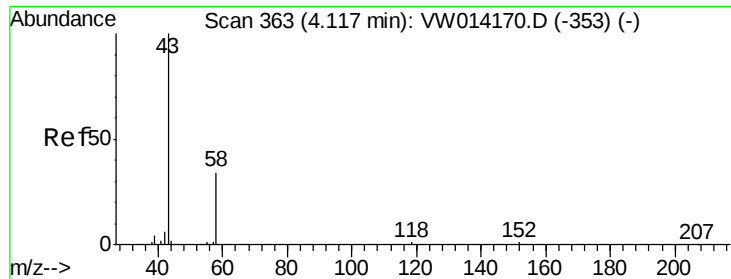
Instrument :
MSVOA_W
ClientSampleId :
C0BR3

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Quant Time: Nov 30 06:09:35 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 30 04:10:38 2019
Response via : Initial Calibration





#13

Acetone

Concen: 9.987 ug/L m

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014185.D

Acq: 29 Nov 2019 16:52

Instrument :

MSVOA_W

ClientSampleId :

C0BR3

Tot Ion: 43 Resp: 4588

Ion Ratio Lower Upper

43 100

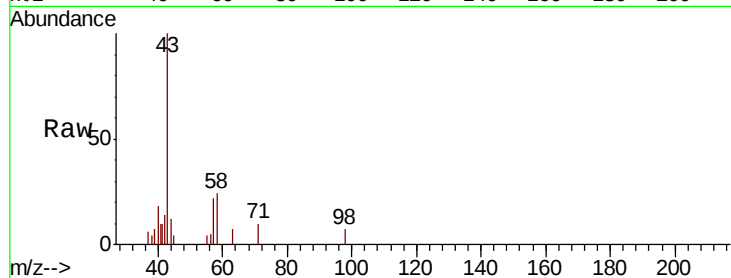
58 14.5 0.0 65.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

1500

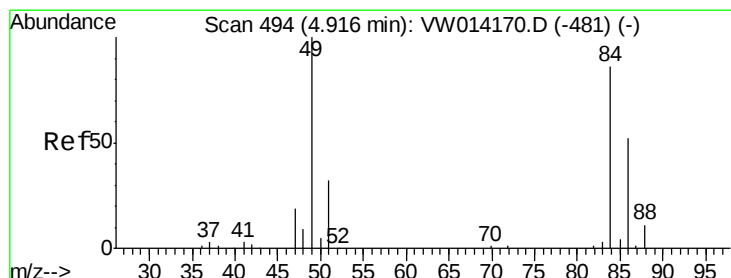
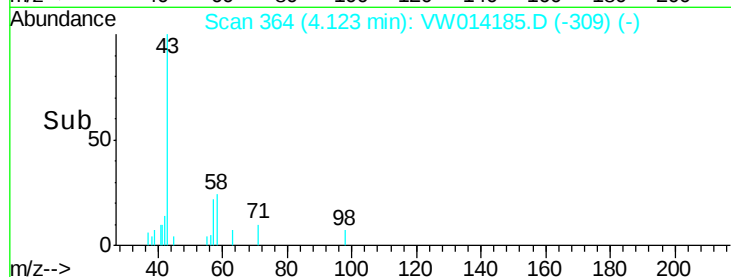
1000

500

0

4.00 4.10 4.20

Time-->



#16

Methylene chloride

Concen: 3.551 ug/L m

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW014185.D

Acq: 29 Nov 2019 16:52

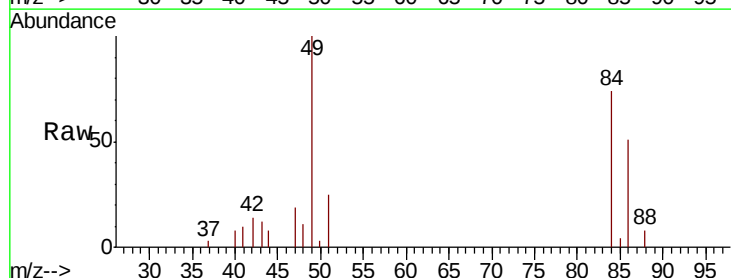
Tgt Ion: 84 Resp: 6659

Ion Ratio Lower Upper

84 100

49 135.8 84.2 156.4

86 69.2 43.7 81.1



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

3000

2500

2000

1500

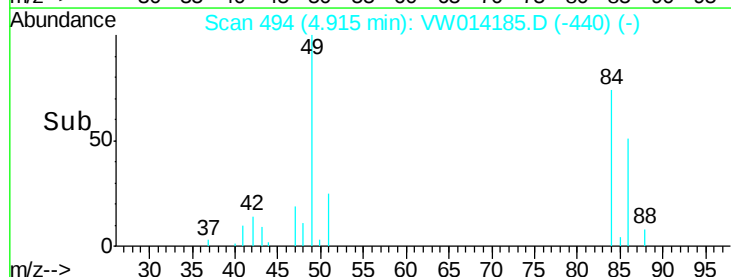
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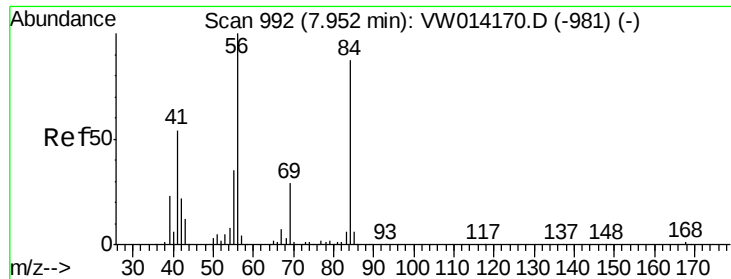
500

0

4.80 4.90 5.00

Time-->





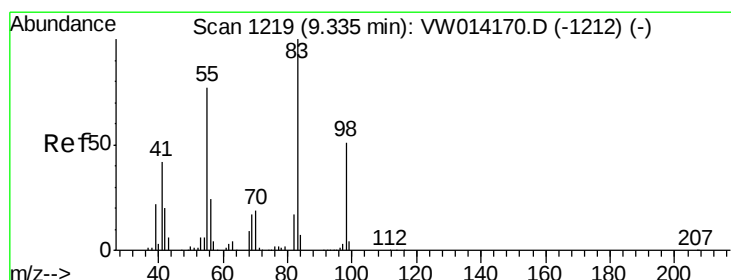
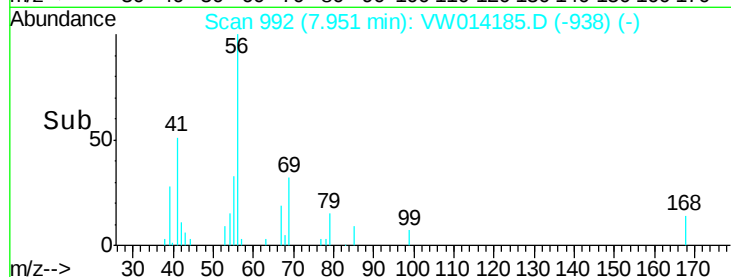
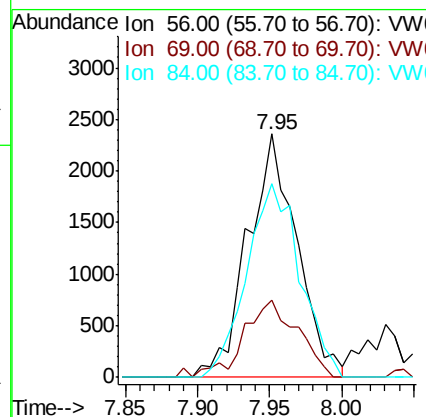
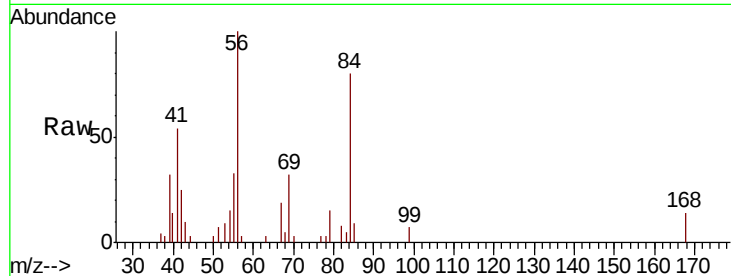
#30
Cyclohexane
Concen: 6.068 ug/L
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW014185.D
Acq: 29 Nov 2019 16:52

Instrument :
MSVOA_W
ClientSampled :
C0BR3

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.0	24.6	37.0
84	86.0	70.2	105.2

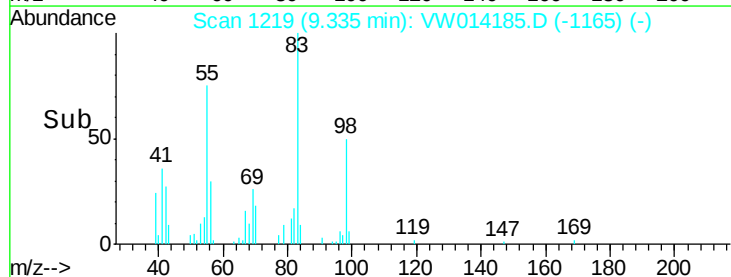
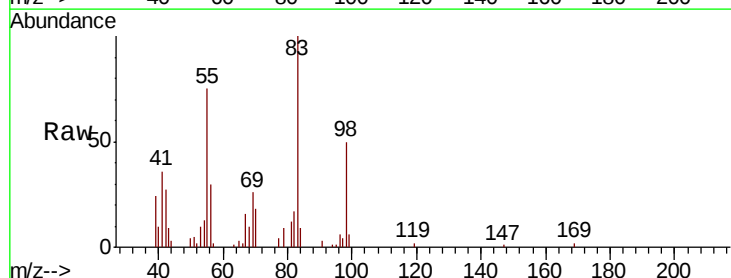
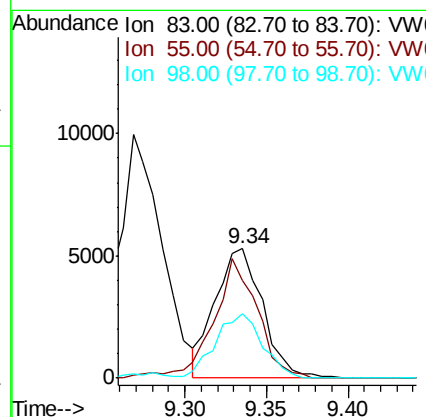
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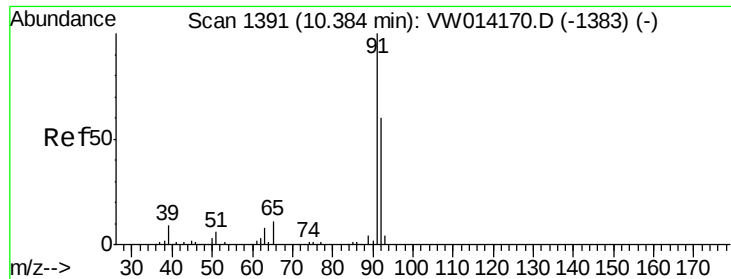
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#36
Methylcyclohexane
Concen: 10.568 ug/L
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW014185.D
Acq: 29 Nov 2019 16:52

Tgt Ion	Ratio	Lower	Upper
83	100		
55	83.4	59.8	89.8
98	49.6	39.5	59.3





#44

Toluene

Concen: 4.211 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW014185.D

Acq: 29 Nov 2019 16:52

Instrument :

MSVOA_W

ClientSampled :

C0BR3

Tot Ion: 91 Resp: 9723

Ion Ratio Lower Upper

91 100

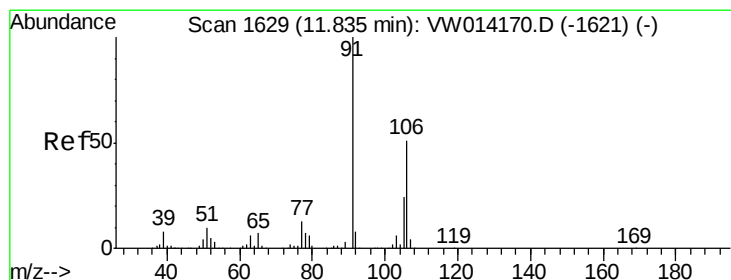
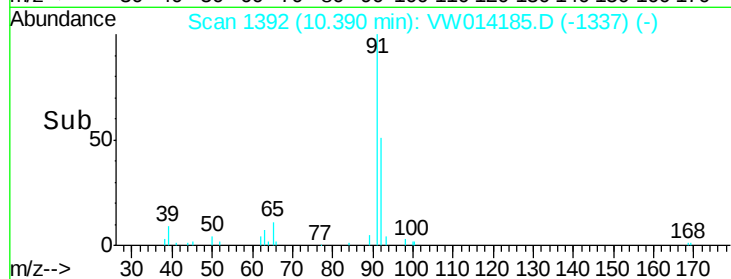
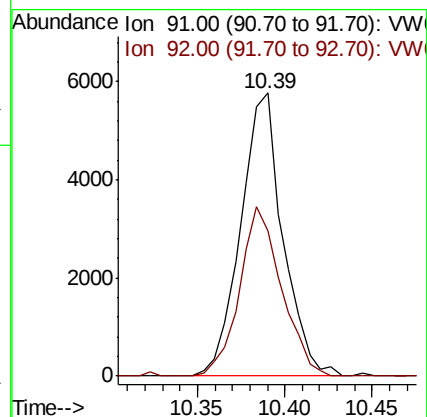
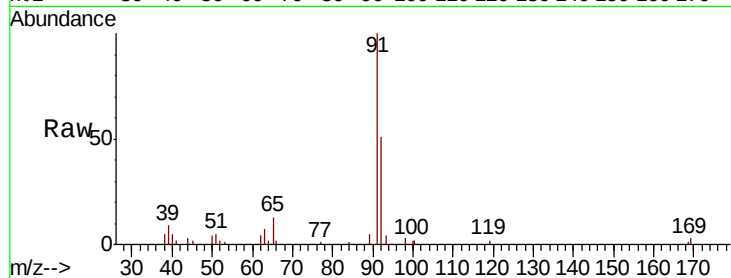
92 51.1 40.7 75.7

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#54

m,p-Xylene

Concen: 1.694 ug/L

RT: 11.83 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VW014185.D

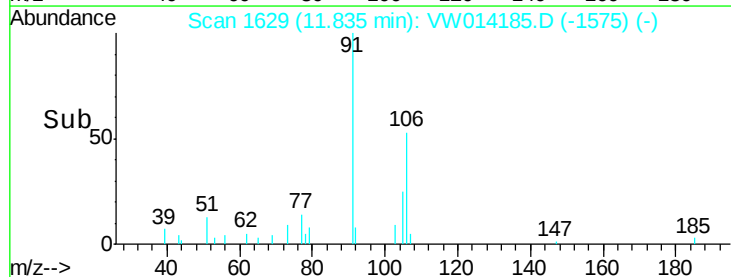
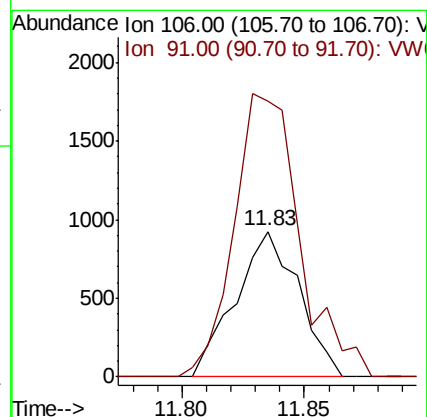
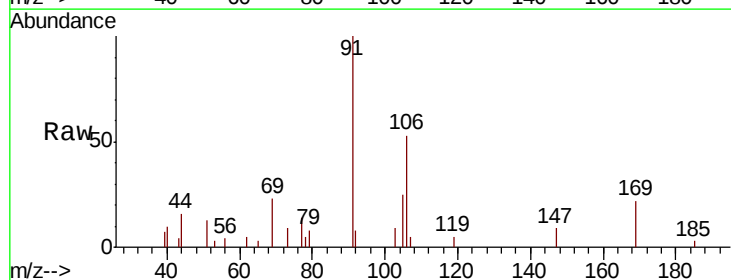
Acq: 29 Nov 2019 16:52

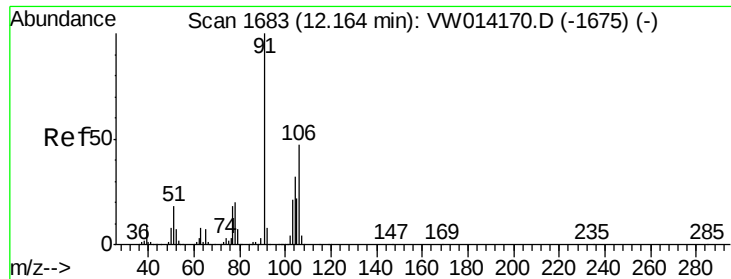
Tgt Ion: 106 Resp: 1668

Ion Ratio Lower Upper

106 100

91 188.8 138.7 257.5





#55
o-xylene
Concen: 1.864 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014185.D
Acq: 29 Nov 2019 16:52

Instrument :
MSVOA_W
ClientSampleId :
C0BR3

Tot Ion	Ratio	Lower	Upper
106	100		
91	223.0	148.3	275.5

Manual Integrations
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