

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041919\
 Data File : VW010072.D
 Acq On : 19 Apr 2019 18:37
 Operator : SY/VA
 Sample : K2455-21
 Misc : 5.10G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHS1

Manual Integrations
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 4/23/2019 6:57:07 AM

Quant Time: Apr 20 05:53:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 20 03:50:46 2019
 Response via : Initial Calibration

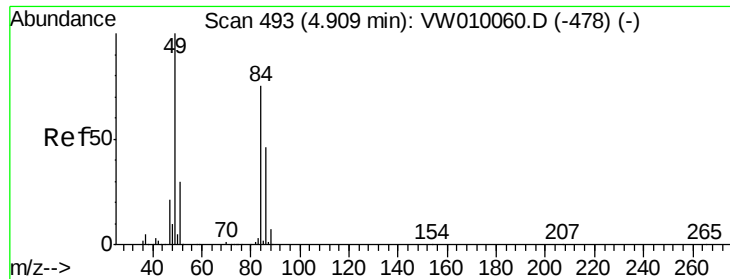
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	49424	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	53246m	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	21261	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	11118	23.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.20%
7) Chloroethane-d5	2.88	69	13540	28.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.48%
10) 1,1-Dichloroethene-d2	4.01	63	24765	19.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.48%
20) 2-Butanone-d5	7.07	46	10731m	42.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.94%
24) Chloroform-d	7.65	84	33781	23.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.56%
26) 1,2-Dichloroethane-d4	8.31	65	22379m	25.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.96%
29) Benzene-d6	8.27	84	64453	22.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.12%
33) 1,2-Dichloropropane-d6	9.27	67	22707	24.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.44%
37) Toluene-d8	10.32	98	58643	21.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.88%
38) trans-1,3-Dichloropropene-	10.59	79	9094	20.58	ug/L	0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.32%
39) 2-Hexanone-d5	10.93	63	8289	40.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	17482	20.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.20%
61) 1,2-Dichlorobenzene-d4	13.86	152	65108m	81.46	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	325.84%#

Target Compounds					Ovalue
16) Methylene chloride	4.92	84	8681	9.700	ug/L 93
44) Toluene	10.38	91	9430	2.834	ug/L 98
54) m,p-Xylene	11.84	106	2820	2.073	ug/L 85
55) o-xylene	12.17	106	1960	1.502	ug/L 72
56) Styrene	12.18	104	5500	2.408	ug/L 98

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



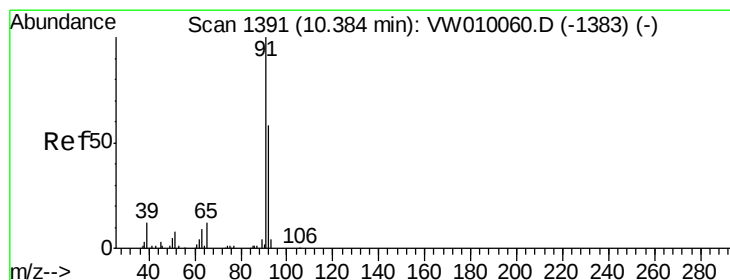
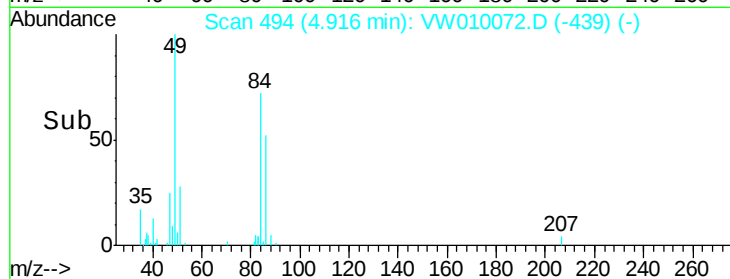
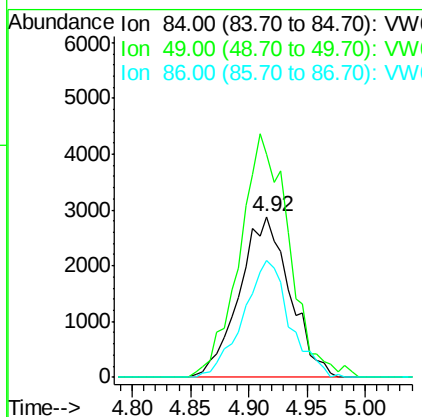
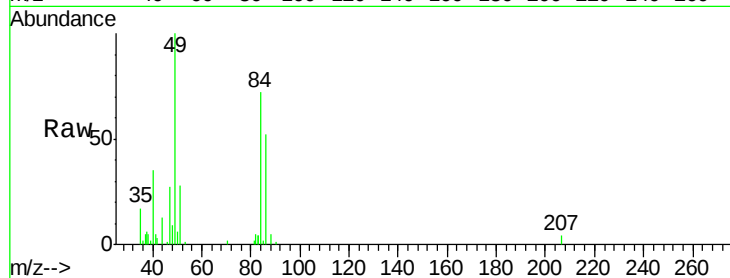
#16
Methvlene chloride
Concen: 9.700 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW010072.D
Acq: 19 Apr 2019 18:37

Instrument :
MSVOA_W
ClientSampleId :
GAHS1

Tot Ion	84	Resp	8681
Ion Ratio	Lower	Upper	
84	100		
49	138.5	100.7	187.1
86	72.6	43.8	81.3

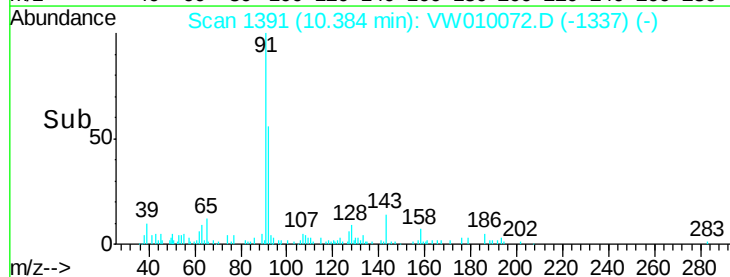
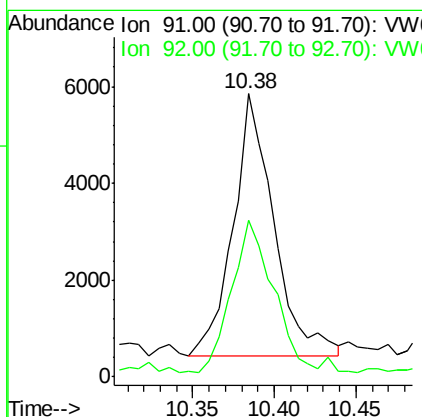
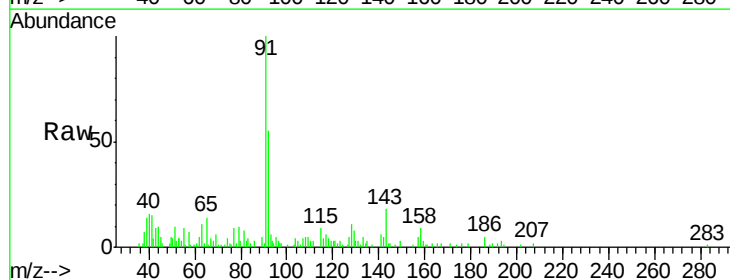
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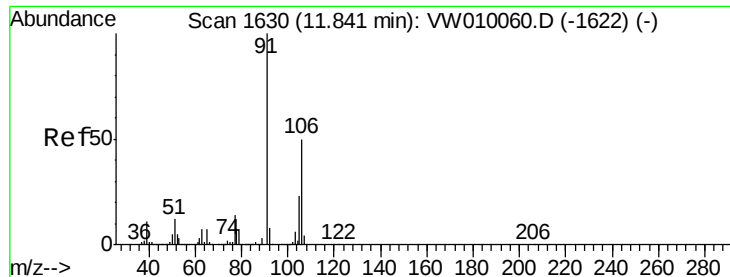
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#44
Toluene
Concen: 2.834 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW010072.D
Acq: 19 Apr 2019 18:37

Tgt Ion	91	Resp	9430
Ion Ratio	Lower	Upper	
91	100		
92	55.4	39.8	74.0





#54

m,p-Xylene

Concen: 2.073 ug/L

RT: 11.84 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW010072.D

Acq: 19 Apr 2019 18:37

Instrument :

MSVOA_W

ClientSampled :

GAHS1

Tot Ion:106 Resp: 2820

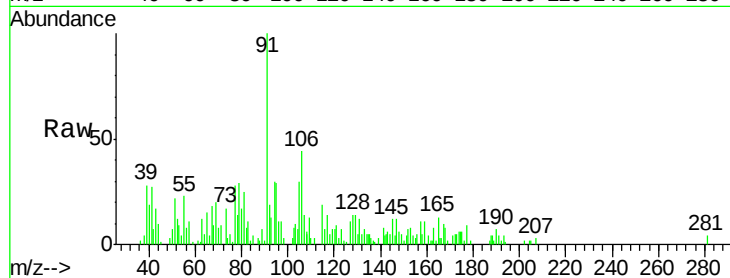
Ion Ratio Lower Upper

106 100

91 227.5 143.4 266.2

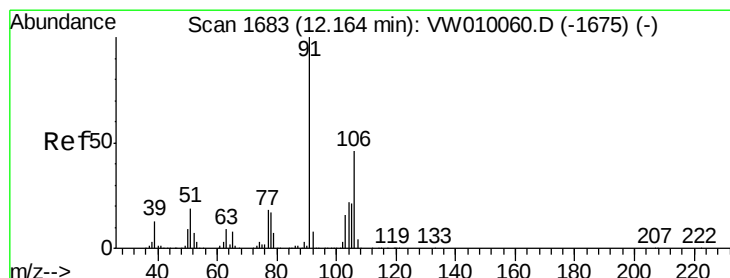
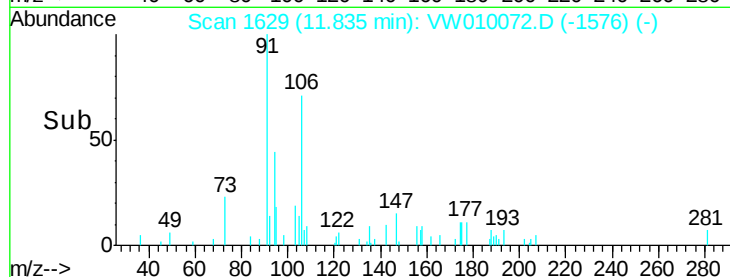
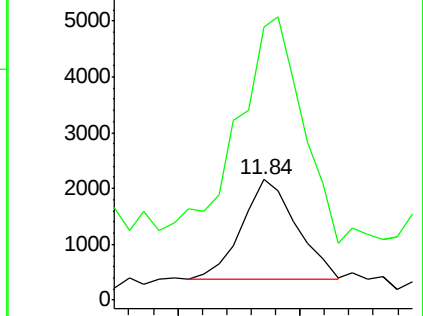
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 1.502 ug/L

RT: 12.17 min Scan# 1684

Delta R.T. 0.01 min

Lab File: VW010072.D

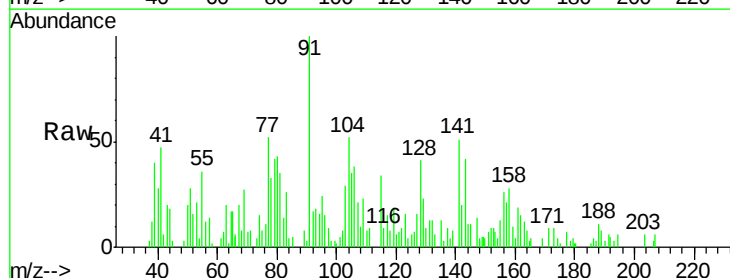
Acq: 19 Apr 2019 18:37

Tgt Ion:106 Resp: 1960

Ion Ratio Lower Upper

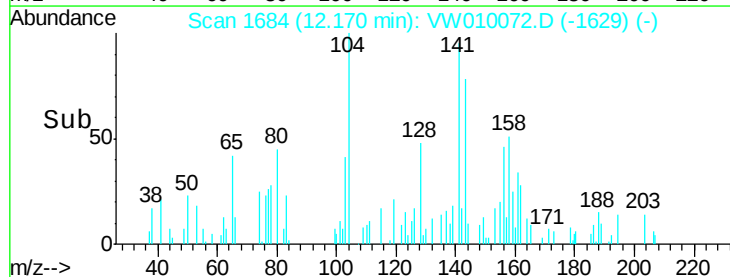
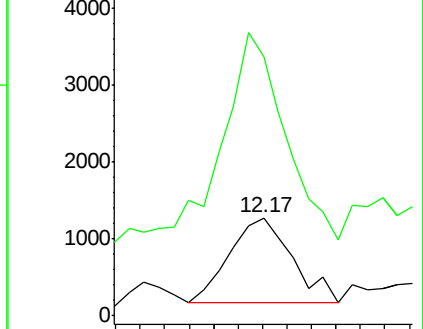
106 100

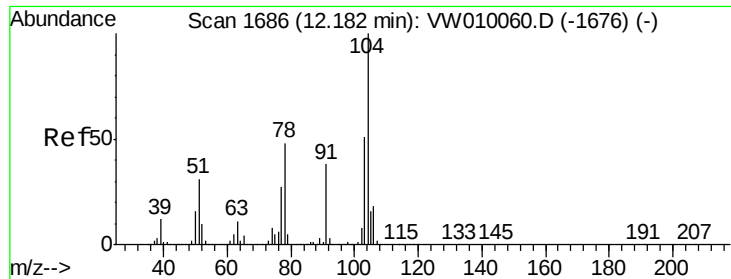
91 262.9 152.2 282.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#56
 Stvrene
 Concen: 2.408 ug/L
 RT: 12.18 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: VW010072.D
 Acq: 19 Apr 2019 18:37

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHS1

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.0	32.7	60.7

Manual Integrations
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