

Data File : VW009428.D
Acq On : 25 Mar 2019 15:14
Operator : SY/VA
Sample : K2031-16RE
Misc : 5.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5S6RE

Manual Integrations
APPROVED

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3/27/2019 12:13:13 PM

Quant Time: Apr 08 08:15:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 07:46:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	449547	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	367233	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	109638	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	108221	20.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.60%
7) Chloroethane-d5	2.89	69	120792	19.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.88%
10) 1,1-Dichloroethene-d2	4.01	63	180163	15.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.08%
20) 2-Butanone-d5	7.08	46	109865	49.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.90%
24) Chloroform-d	7.64	84	283585	23.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.48%
26) 1,2-Dichloroethane-d4	8.30	65	176304	23.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.44%
29) Benzene-d6	8.27	84	501695	24.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.08%
33) 1,2-Dichloropropane-d6	9.27	67	161151	26.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.96%
37) Toluene-d8	10.32	98	419588	22.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.64%
38) trans-1,3-Dichloropropene-	10.58	79	67162	21.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.92%
39) 2-Hexanone-d5	10.93	63	79844	54.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.40%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	132158	22.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.24%
61) 1,2-Dichlorobenzene-d4	13.86	152	88950	21.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.64%

Target Compounds

					Qvalue
13) Acetone	4.12	43	43627	23.946 ug/L	99
14) Carbon disulfide	4.38	76	17514	1.176 ug/L	99
16) Methylene chloride	4.92	84	28707m	4.379 ug/L	
54) m,p-Xylene	11.83	106	15075	1.606 ug/L	95
55) o-xylene	12.16	106	7902	0.863 ug/L	95

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

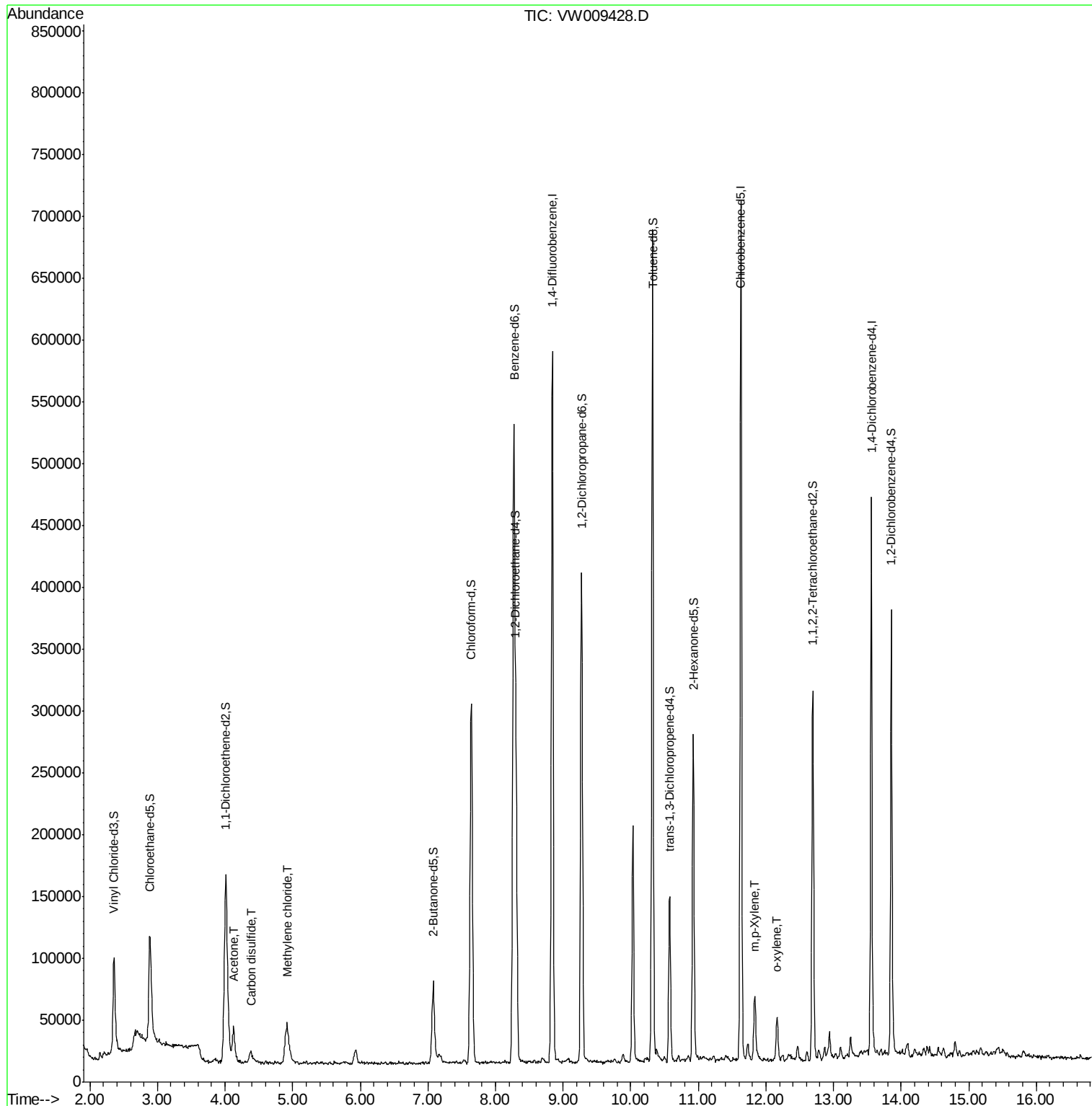
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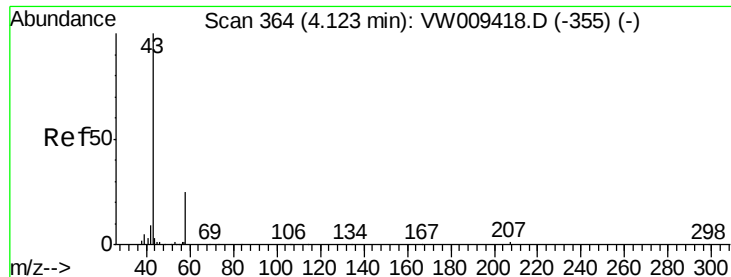
Instrument :
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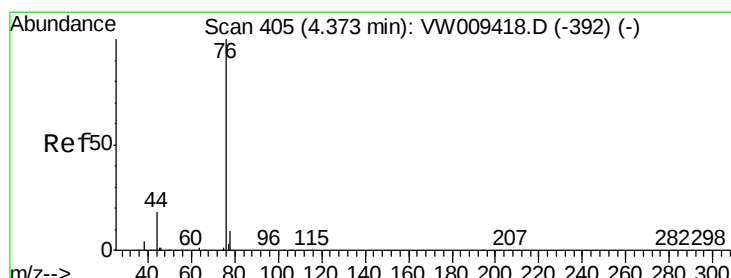
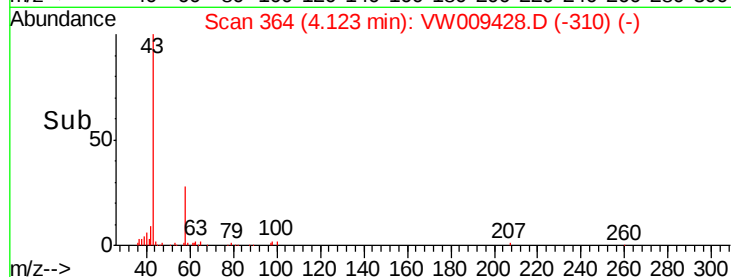
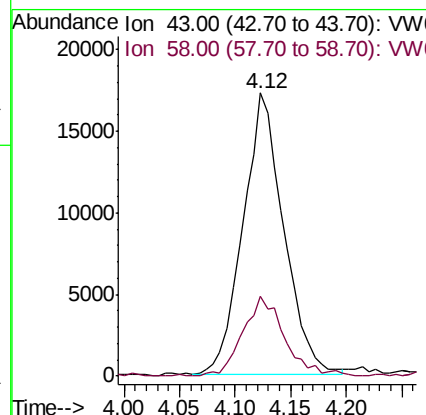
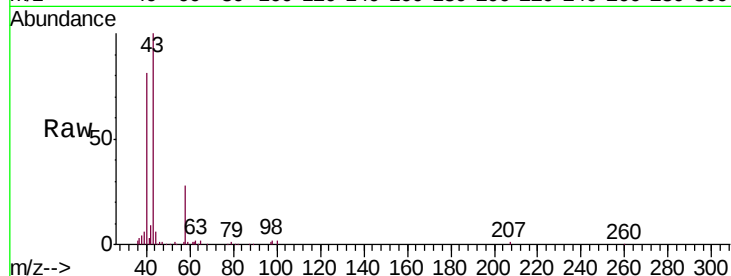
#13
Acetone
Concen: 23.946 ug/L
RT: 4.12 min Scan# 364
Delta R.T. -0.00 min
Lab File: VW009428.D
Acq: 25 Mar 2019 15:14

Instrument :
MSVOA_W
ClientSampleId :
BF5S6RE

Tgt Ion	Ratio	Lower	Upper
43	100		
58	27.7	0.0	56.2

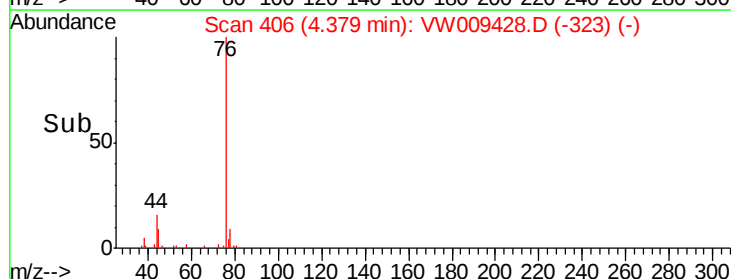
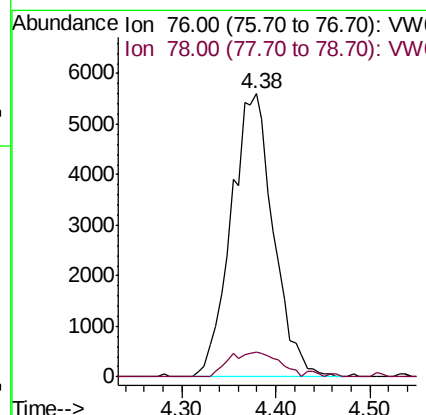
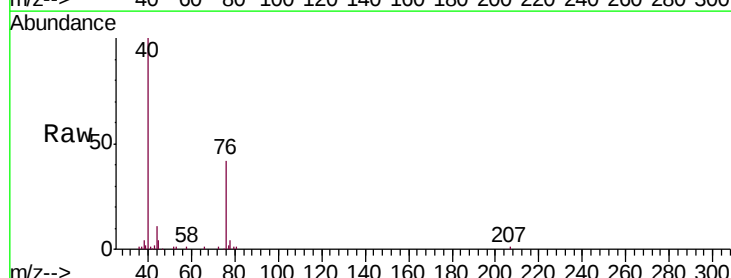
Manual Integrations
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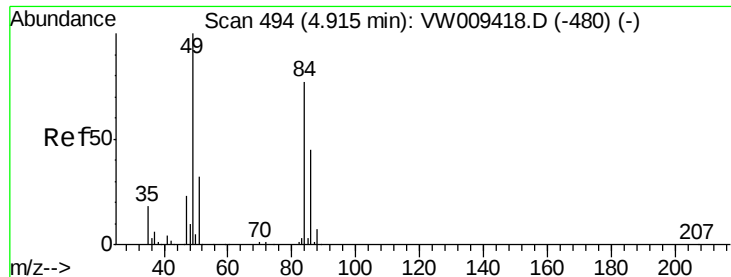
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#14
Carbon disulfide
Concen: 1.176 ug/L
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW009428.D
Acq: 25 Mar 2019 15:14

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.3	10.9





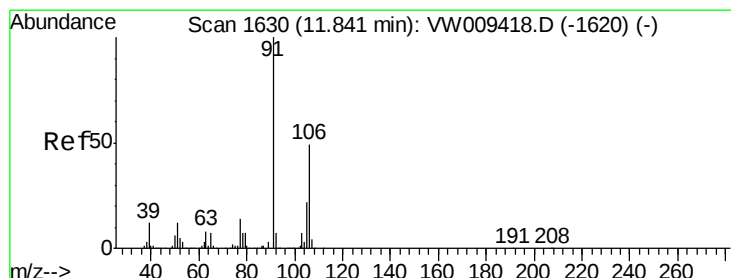
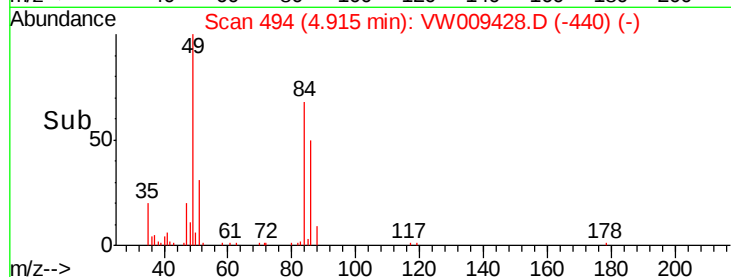
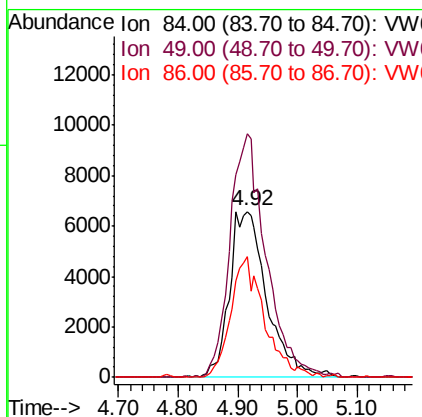
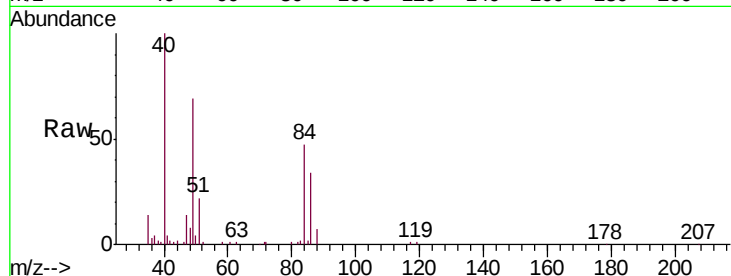
#16
Methylene chloride
Concen: 4.379 ug/L m
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW009428.D
Acq: 25 Mar 2019 15:14

Instrument :
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Tgt Ion	Ratio	Lower	Upper
84	100		
49	146.8	96.0	178.2
86	73.2	44.4	82.5

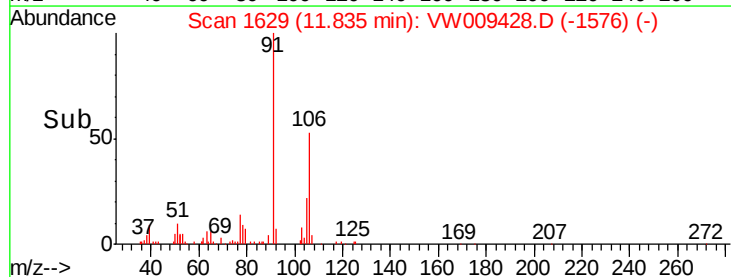
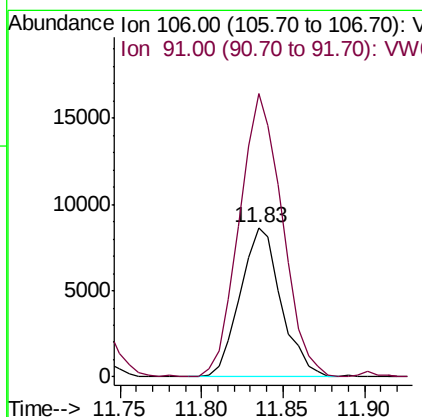
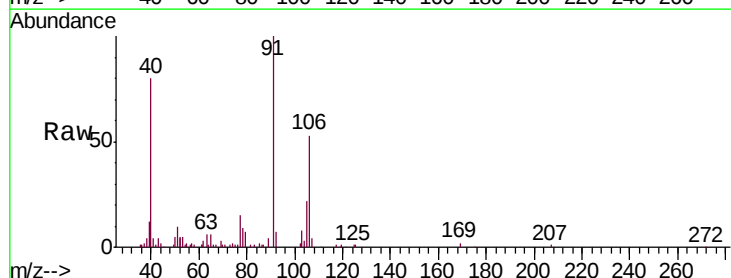
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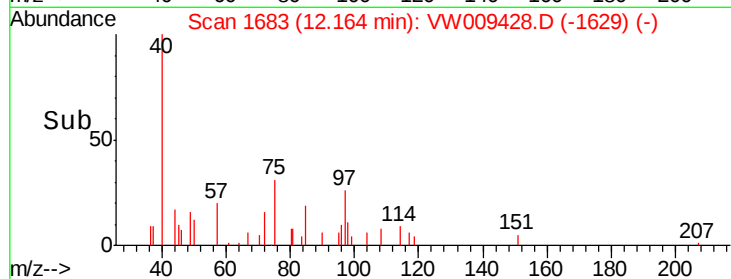
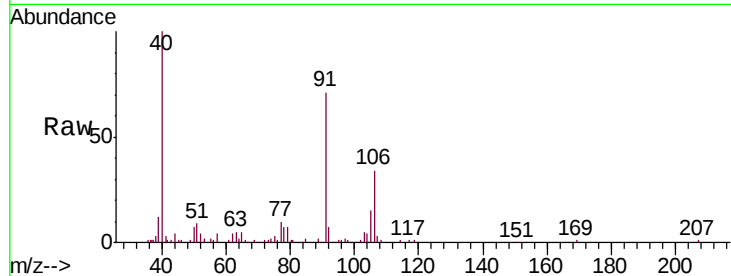
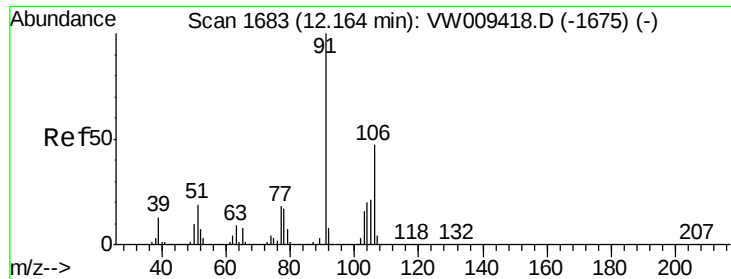
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#54
m,p-Xylene
Concen: 1.606 ug/L
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW009428.D
Acq: 25 Mar 2019 15:14

Tgt Ion	Ratio	Lower	Upper
106	100		
91	189.7	138.4	257.0





#55
o-xylene
Concen: 0.863 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW009428.D
Acq: 25 Mar 2019 15:14

Tgt Ion: 106 Resp: 7902
Ion Ratio Lower Upper
106 100
91 210.1 153.2 284.4

Instrument :
MSVOA_W
ClientSampleId :
BF5S6RE

Manual Integrations
APPROVED

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