

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 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

MMDadoda
 3/27/2019 12:13:13 PM

Quant Time: Mar 26 08:52:14 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

					Ovalue
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
53) Ethylbenzene	11.74	91	8122	0.329	ug/L 95
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

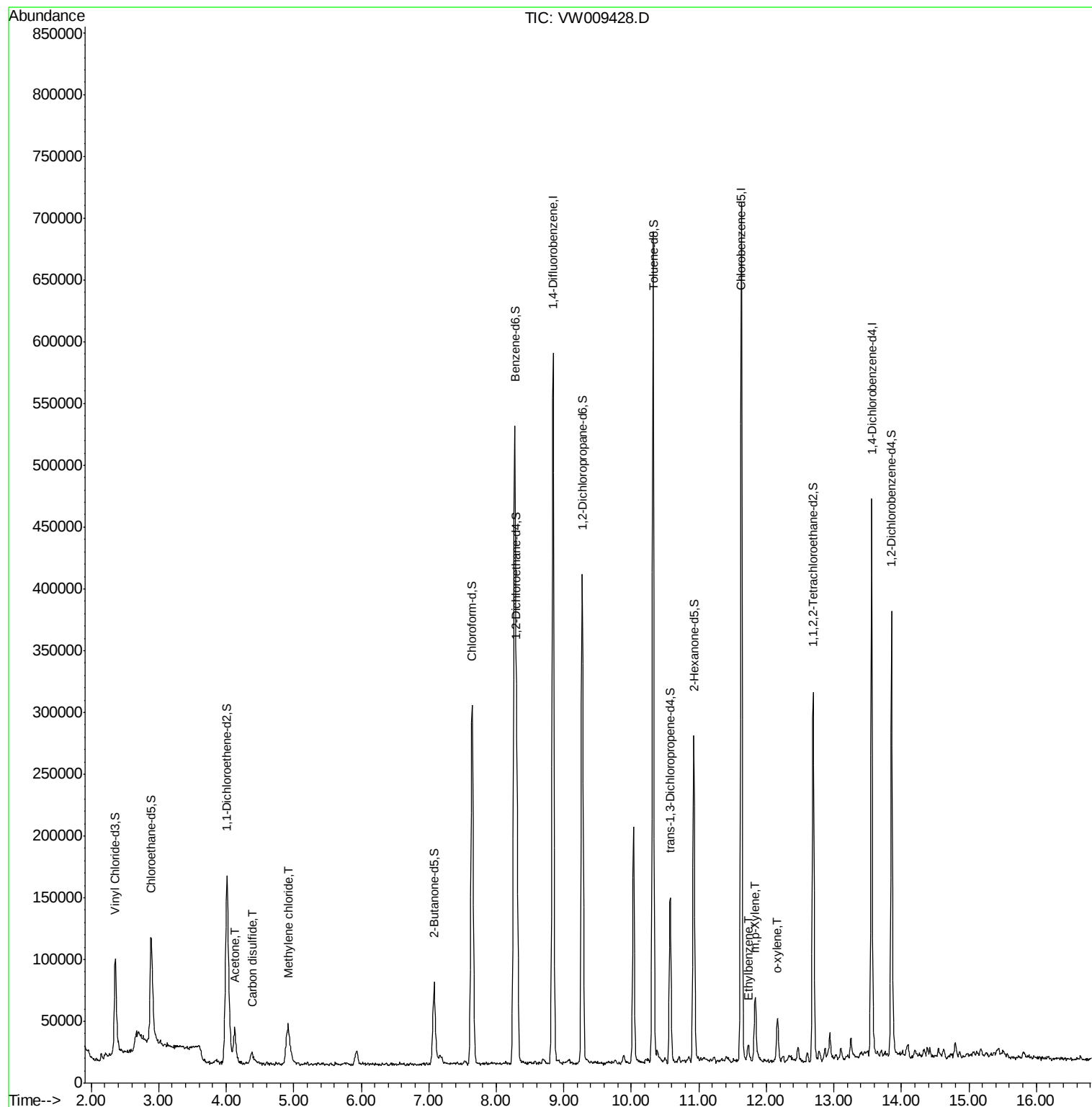
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032519\
Data File : VW009428.D
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ALS Vial : 1 Sample Multiplier: 1

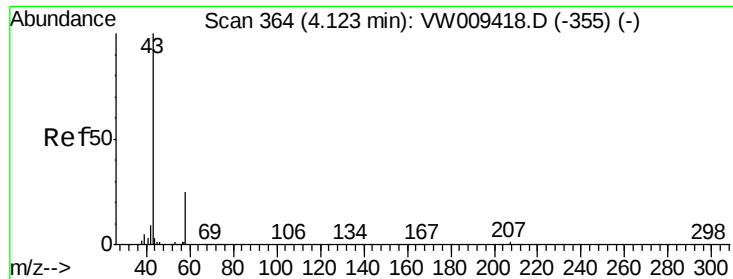
Instrument :
MSVOA_W
ClientSampleId :
BF5S6RE

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Quant Time: Mar 26 08:52:14 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 07:46:05 2019
Response via : Initial Calibration





#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

Tot Ion: 43 Resp: 43627

Ion Ratio Lower Upper

43 100

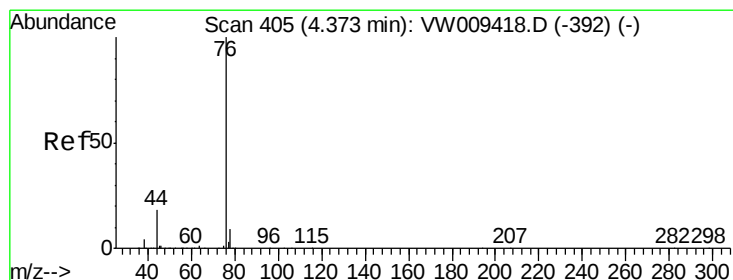
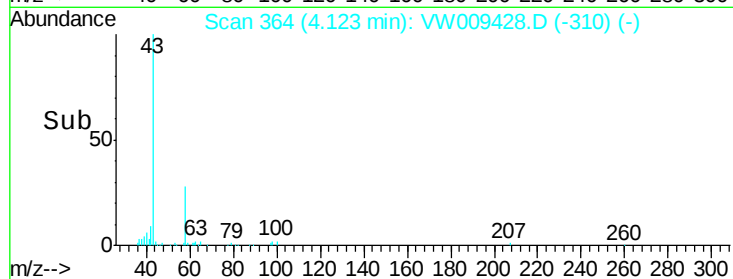
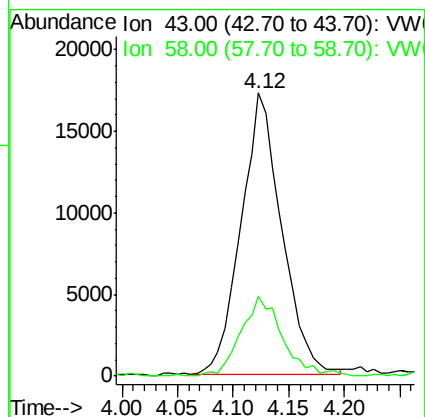
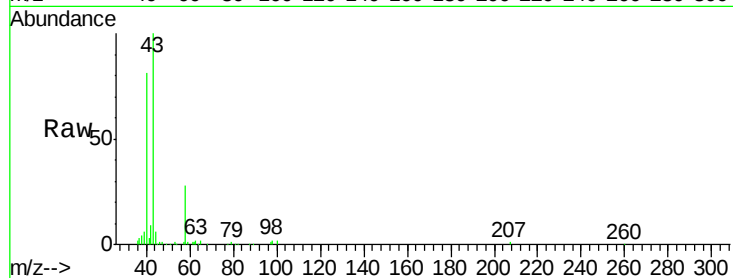
58 27.7 0.0 56.2

Manual Integrations

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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

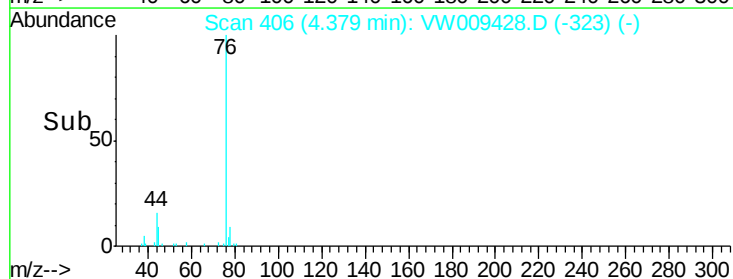
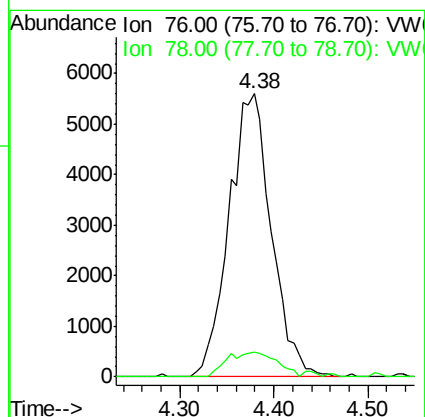
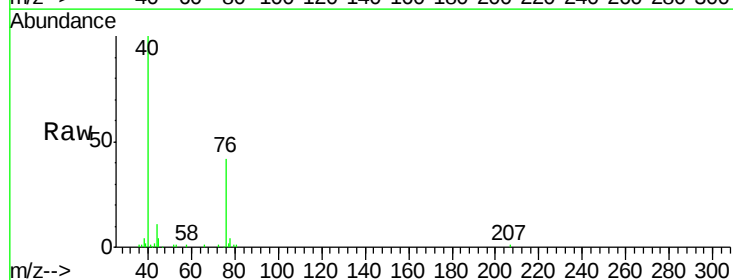
Acq: 25 Mar 2019 15:14

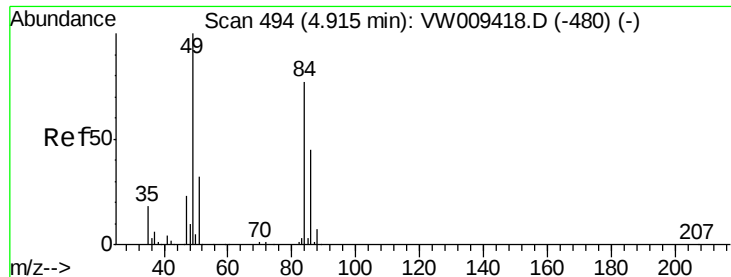
Tgt Ion: 76 Resp: 17514

Ion Ratio Lower Upper

76 100

78 8.6 7.3 10.9





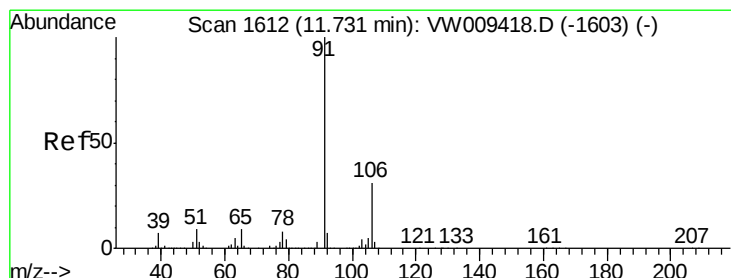
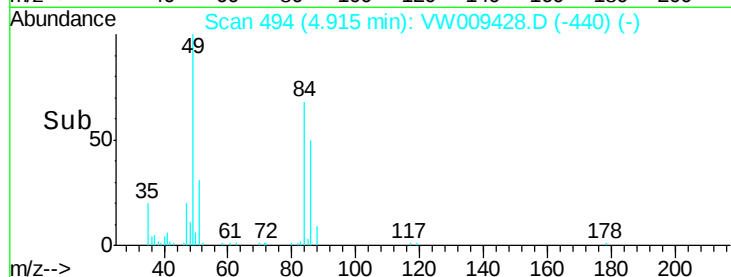
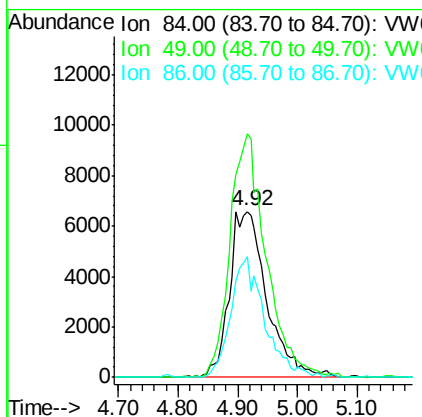
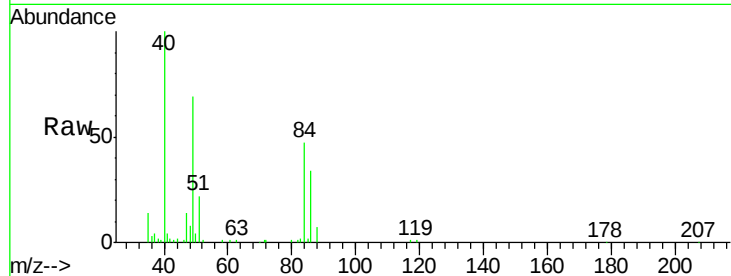
#16
Methvlene chloride
Concen: 4.379 ug/L m
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW009428.D
Acq: 25 Mar 2019 15:14

Instrument :
MSVOA_W
ClientSampleId :
BF5S6RE

Tot Ion	Ratio	Lower	Upper
84	100		
49	146.8	96.0	178.2
86	73.2	44.4	82.5

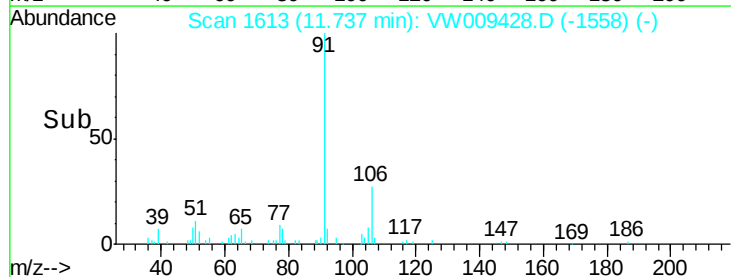
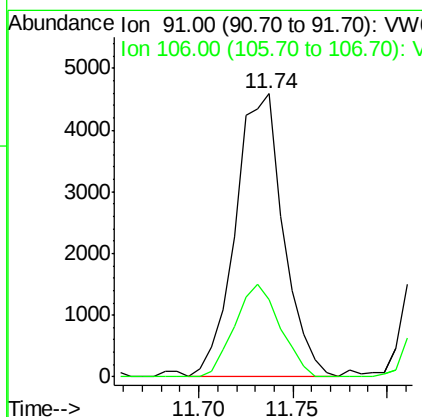
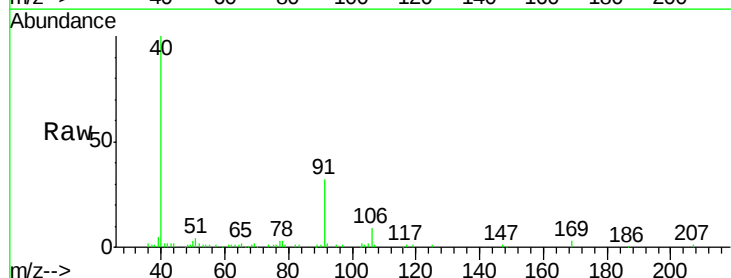
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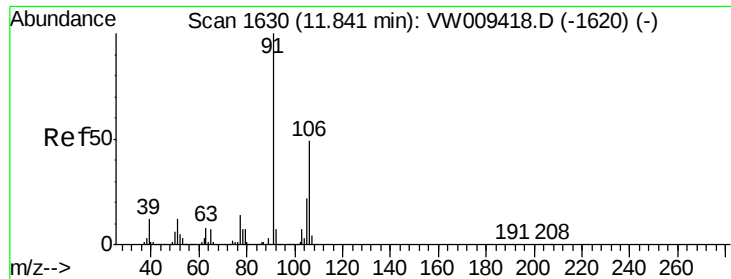
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#53
Ethylbenzene
Concen: 0.329 ug/L
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW009428.D
Acq: 25 Mar 2019 15:14

Tgt Ion	Ratio	Lower	Upper
91	100		
106	27.5	21.0	39.0





#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

Instrument :

MSVOA_W

ClientSampled :

BF5S6RE

Tot Ion:106 Resp: 15075

Ion Ratio Lower Upper

106 100

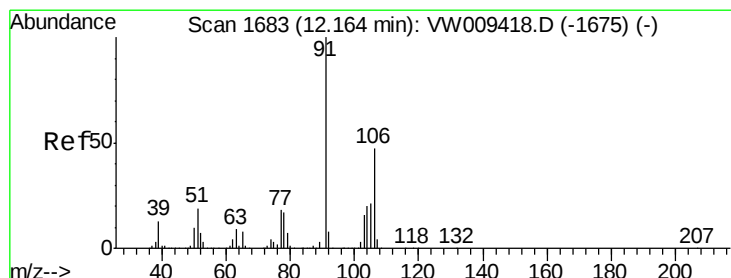
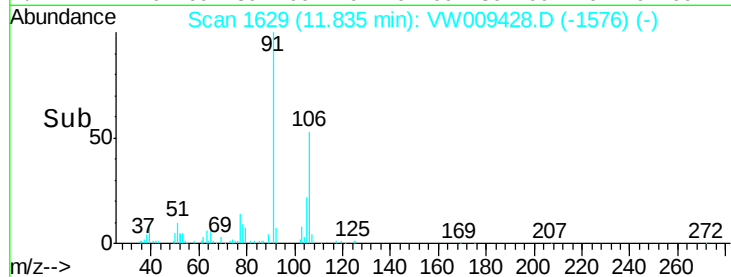
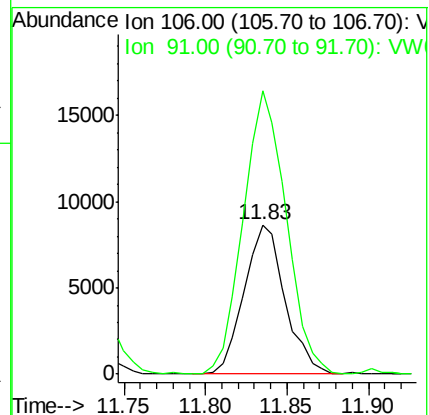
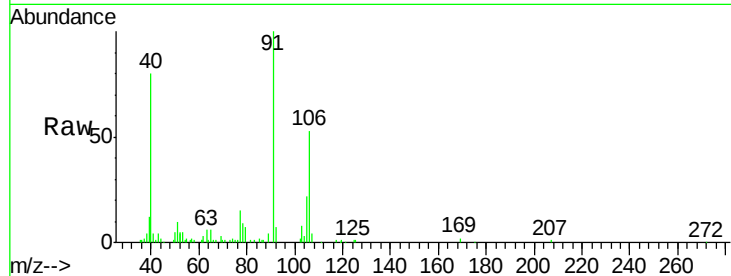
91 189.7 138.4 257.0

Manual Integrations

APPROVED

MMDadoda

3/27/2019 12:13:13 PM



#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

