

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042919\
 Data File : VW010223.D
 Acq On : 30 Apr 2019 17:43
 Operator : SY/VA
 Sample : K2604-14
 Misc : 5.07G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAJ88

Manual Integrations
 APPROVED

MMDadoda
 5/2/2019 1:31:28 PM

Quant Time: May 01 05:44:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 01 03:52:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	622368	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	588206	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	302325	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	106433	15.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.28%
7) Chloroethane-d5	2.89	69	86140	14.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.52%
10) 1,1-Dichloroethene-d2	4.01	63	167550	10.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	42.68%#
20) 2-Butanone-d5	7.08	46	104823	40.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.50%
24) Chloroform-d	7.64	84	289432	17.95	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	71.80%
26) 1,2-Dichloroethane-d4	8.31	65	166461	17.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	71.84%
29) Benzene-d6	8.27	84	519624	16.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	65.64%
33) 1,2-Dichloropropane-d6	9.27	67	171334	17.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	69.28%#
37) Toluene-d8	10.32	98	464210	16.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	64.48%
38) trans-1,3-Dichloropropene-	10.58	79	73326	16.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.32%
39) 2-Hexanone-d5	10.93	63	83895	40.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.70%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	158609	18.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	206689	18.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	73.64%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	11455	5.566	ug/L	88
16) Methylene chloride	4.91	84	19069m	1.841	ug/L	
34) Benzene	8.32	78	95190	2.884	ug/L	100
44) Toluene	10.38	91	37702	1.067	ug/L	99
53) Ethylbenzene	11.73	91	353956	8.850	ug/L	97
54) m,p-Xylene	11.84	106	106408	7.069	ug/L	97
55) o-xylene	12.16	106	132036	9.279	ug/L	98

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

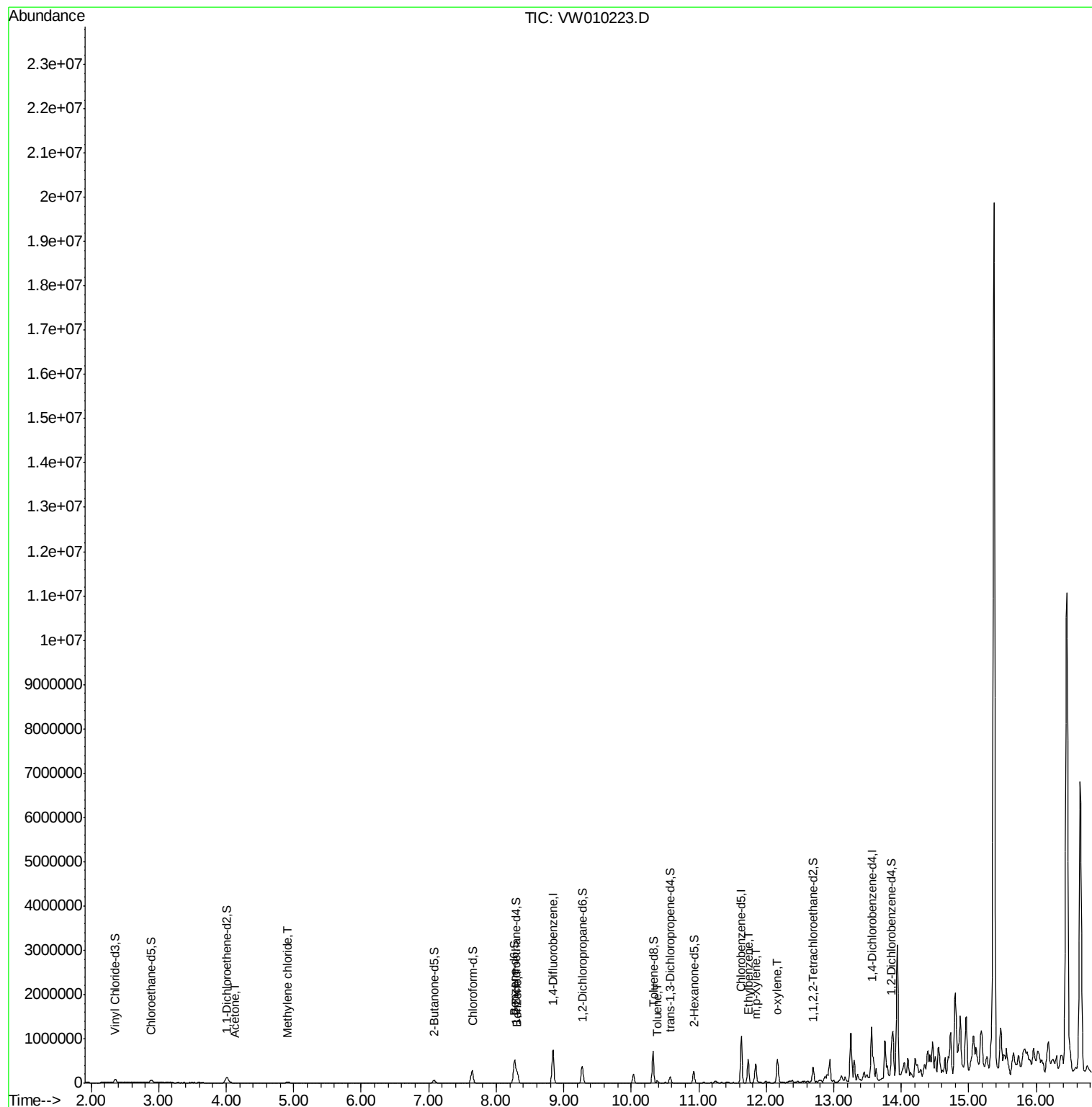
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042919\
Data File : VW010223.D
Acq On : 30 Apr 2019 17:43
Operator : SY/VA
Sample : K2604-14
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

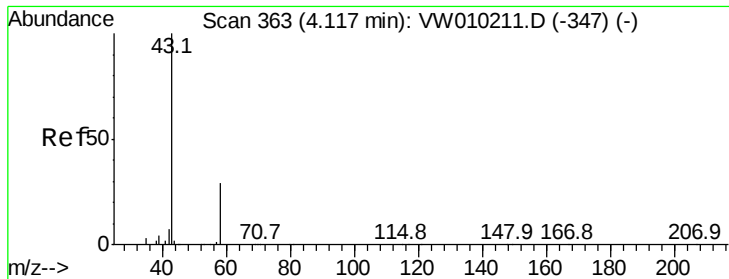
Instrument :
MSVOA_W
ClientSampleId :
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Quant Time: May 01 05:44:21 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
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Response via : Initial Calibration





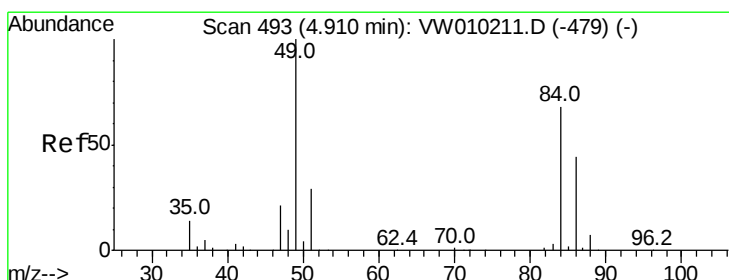
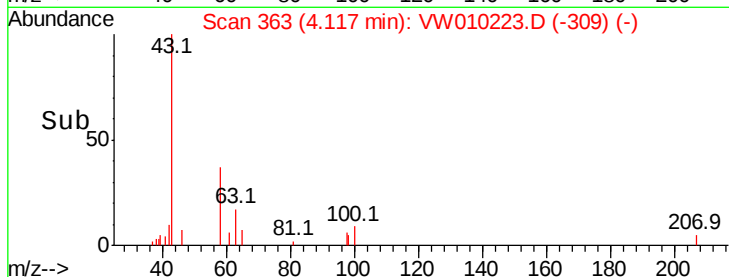
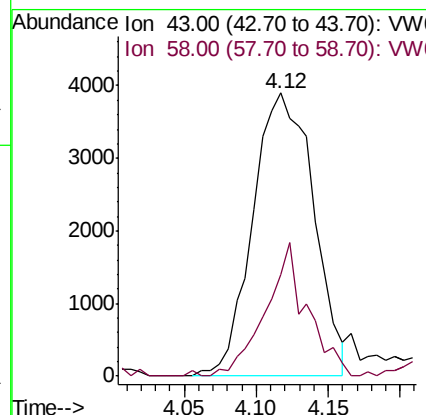
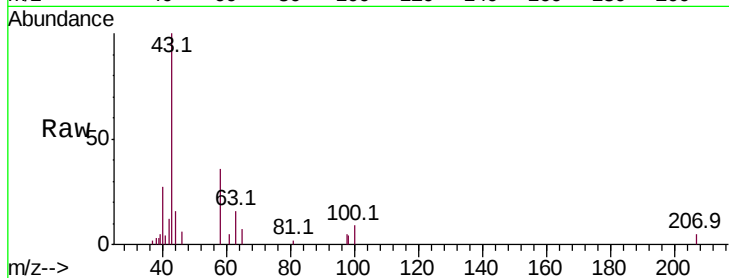
#13
Acetone
Concen: 5.566 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW010223.D
Acq: 30 Apr 2019 17:43

Instrument :
MSVOA_W
ClientSampleId :
GAJ88

Tot Ion	43	Resp	11455
Ion Ratio	100	Lower	Upper
58	23.6	0.0	59.8

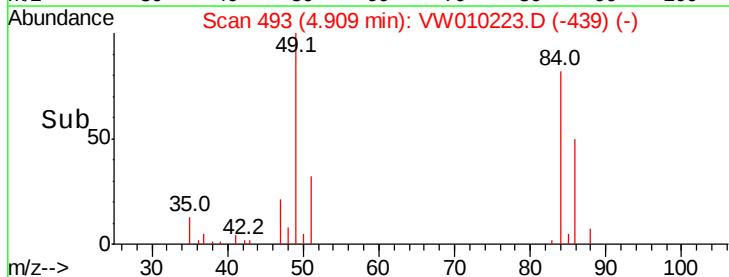
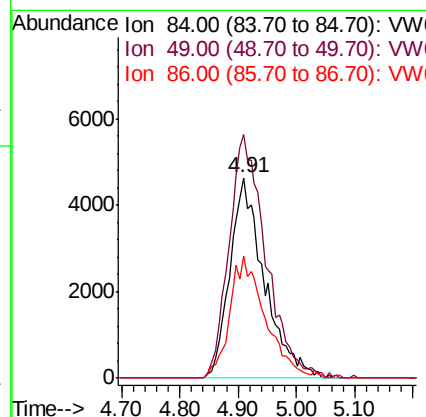
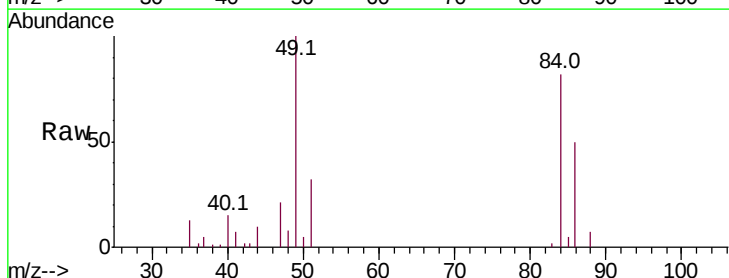
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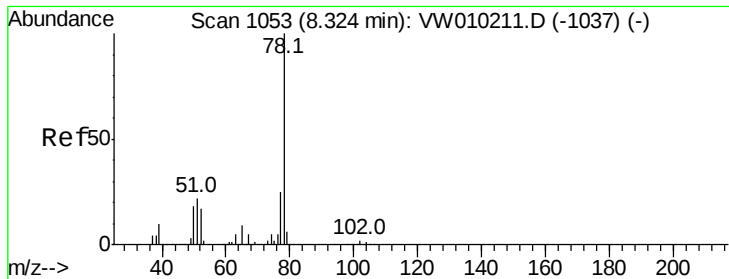
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#16
Methylene chloride
Concen: 1.841 ug/L m
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW010223.D
Acq: 30 Apr 2019 17:43

Tgt Ion	84	Resp	19069
Ion Ratio	100	Lower	Upper
49	121.6	90.2	167.6
86	60.8	46.3	86.1





#34

Benzene

Concen: 2.884 ug/L

RT: 8.32 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VW010223.D

Acq: 30 Apr 2019 17:43

Instrument :

MSVOA_W

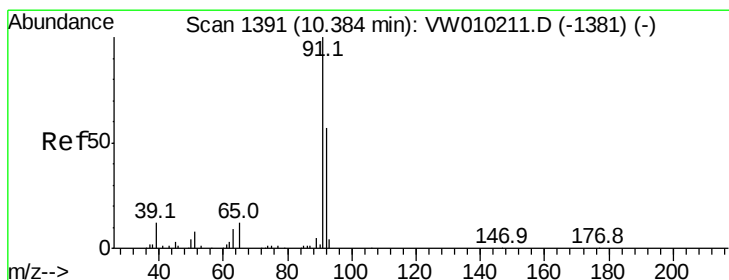
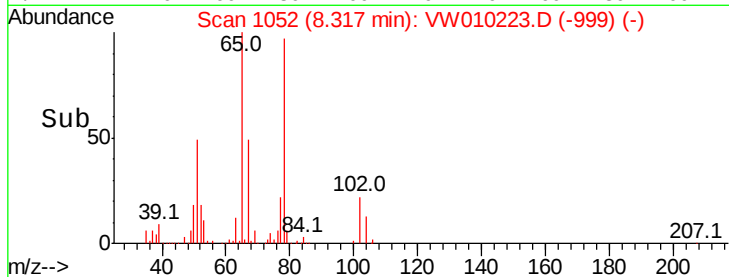
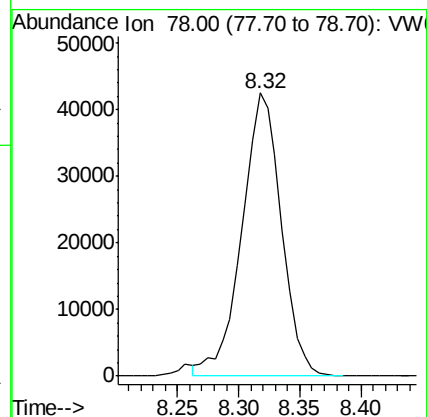
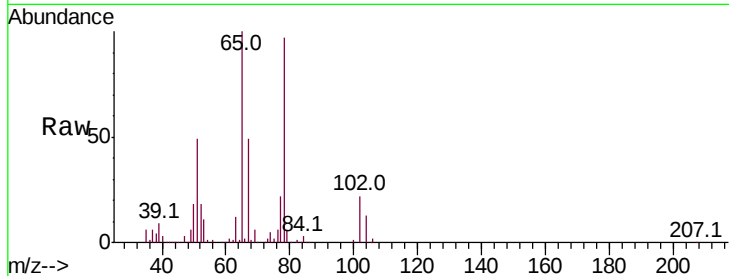
ClientSampleId :

GAJ88

Tgt Ion: 78 Resp: 95190

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#44

Toluene

Concen: 1.067 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW010223.D

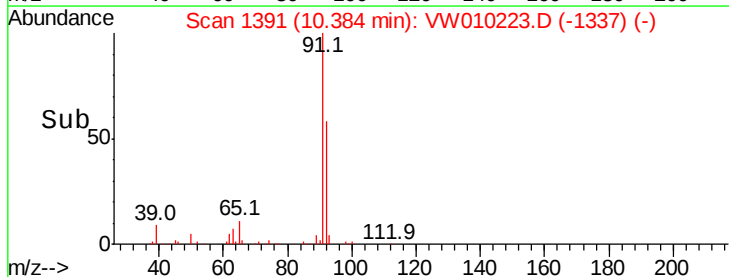
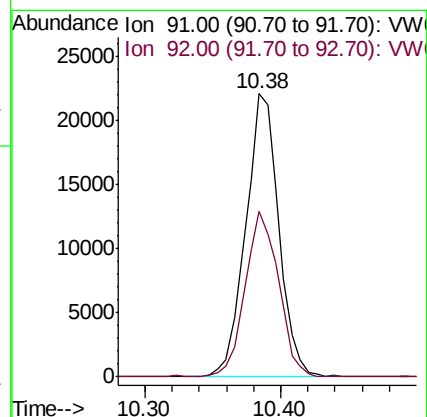
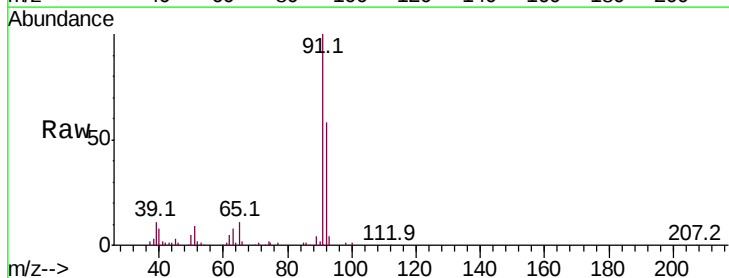
Acq: 30 Apr 2019 17:43

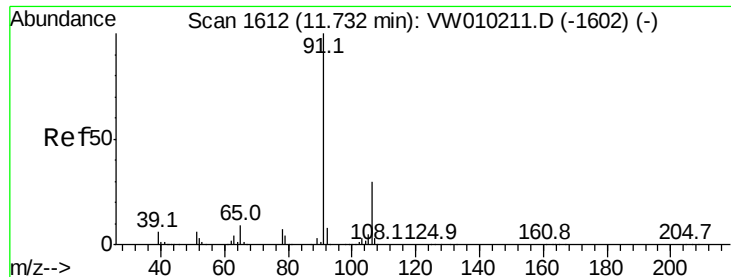
Tgt Ion: 91 Resp: 37702

Ion Ratio Lower Upper

91 100

92 58.4 40.4 75.0





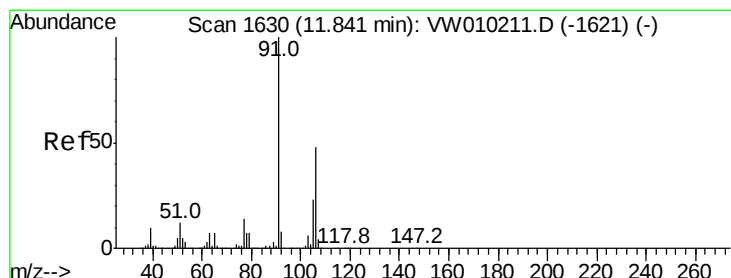
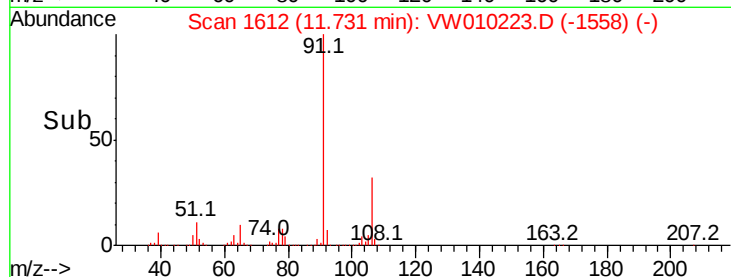
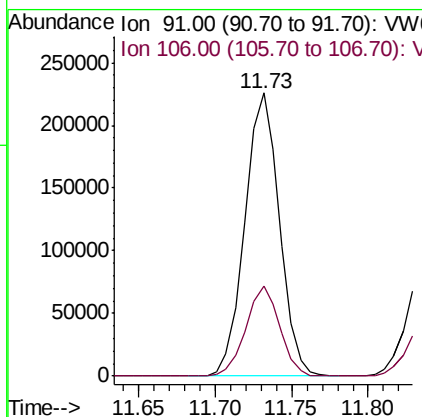
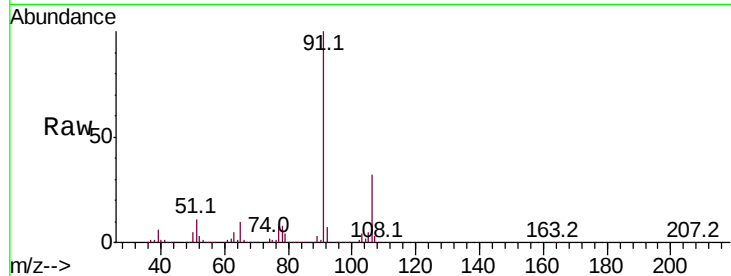
#53
Ethylbenzene
Concen: 8.850 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010223.D
Acq: 30 Apr 2019 17:43

Instrument :
MSVOA_W
ClientSampled :
GAJ88

Tot Ion: 91 Resp: 353956
Ion Ratio Lower Upper
91 100
106 31.9 21.3 39.6

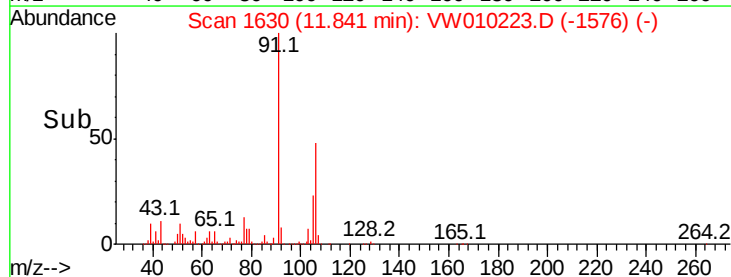
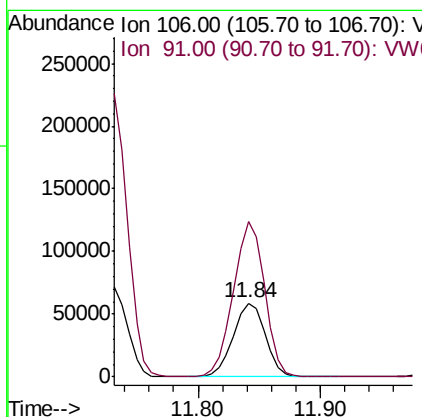
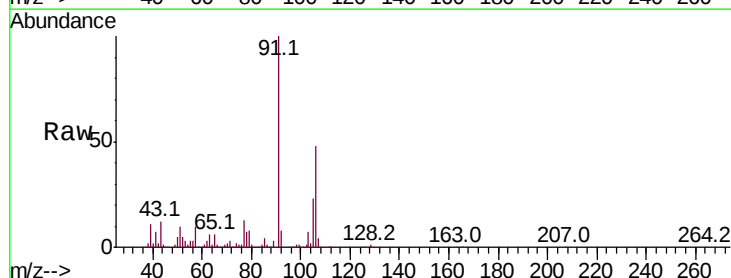
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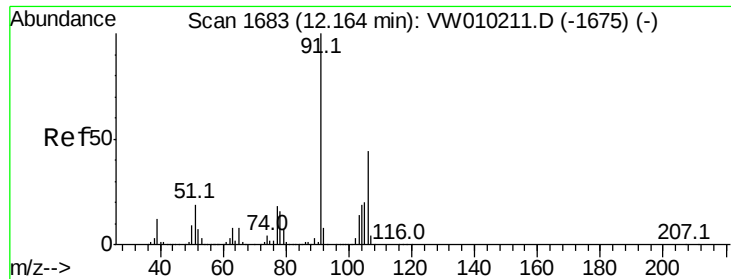
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#54
m,p-Xylene
Concen: 7.069 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010223.D
Acq: 30 Apr 2019 17:43

Tgt Ion: 106 Resp: 106408
Ion Ratio Lower Upper
106 100
91 210.1 143.8 267.0





#55
o-xylene
Concen: 9.279 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW010223.D
Acq: 30 Apr 2019 17:43

Instrument :
MSVOA_W
ClientSampleId :
GAJ88

Tot Ion	Ratio	Lower	Upper
106	100		
91	220.0	156.2	290.2

Manual Integrations
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