

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042419\
 Data File : VW010126.D
 Acq On : 25 Apr 2019 02:25
 Operator : SY/VA
 Sample : K2481-22
 Misc : 5.07G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHX5

Manual Integrations
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 4/26/2019 12:51:53 PM

Quant Time: May 02 05:05:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 25 03:54:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	728229	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	532407	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	120550m	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	110831	15.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.68%
7) Chloroethane-d5	2.89	69	103751	18.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.16%
10) 1,1-Dichloroethene-d2	4.01	63	256162	12.54	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.16%
20) 2-Butanone-d5	7.07	46	109538	33.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.64%
24) Chloroform-d	7.64	84	364294	18.79	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.16%
26) 1,2-Dichloroethane-d4	8.31	65	211424	18.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.60%
29) Benzene-d6	8.27	84	715548	23.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.92%
33) 1,2-Dichloropropane-d6	9.27	67	229765	24.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.76%
37) Toluene-d8	10.32	98	597149	21.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.20%
38) trans-1,3-Dichloropropene-	10.58	79	69525	16.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.20%
39) 2-Hexanone-d5	10.93	63	84626	42.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	108360	13.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	55.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	89812	20.12	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.48%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	43894	17.693	ug/L	98
14) Carbon disulfide	4.37	76	21499	0.786	ug/L	98
21) 2-Butanone	7.17	43	17796	4.626	ug/L	95
34) Benzene	8.32	78	1506224	46.511	ug/L	100
36) Methylcyclohexane	9.33	83	20584	1.438	ug/L	91
44) Toluene	10.38	91	24987663m	728.900	ug/L	
53) Ethylbenzene	11.73	91	17813936m	462.985	ug/L	
54) m,p-Xylene	11.83	106	27059596m	1901.295	ug/L	
55) o-xylene	12.16	106	19804905m	1467.468	ug/L	
56) Styrene	12.18	104	21341644m	929.797	ug/L	
57) Isopropylbenzene	12.47	105	1331151	36.251	ug/L	99

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

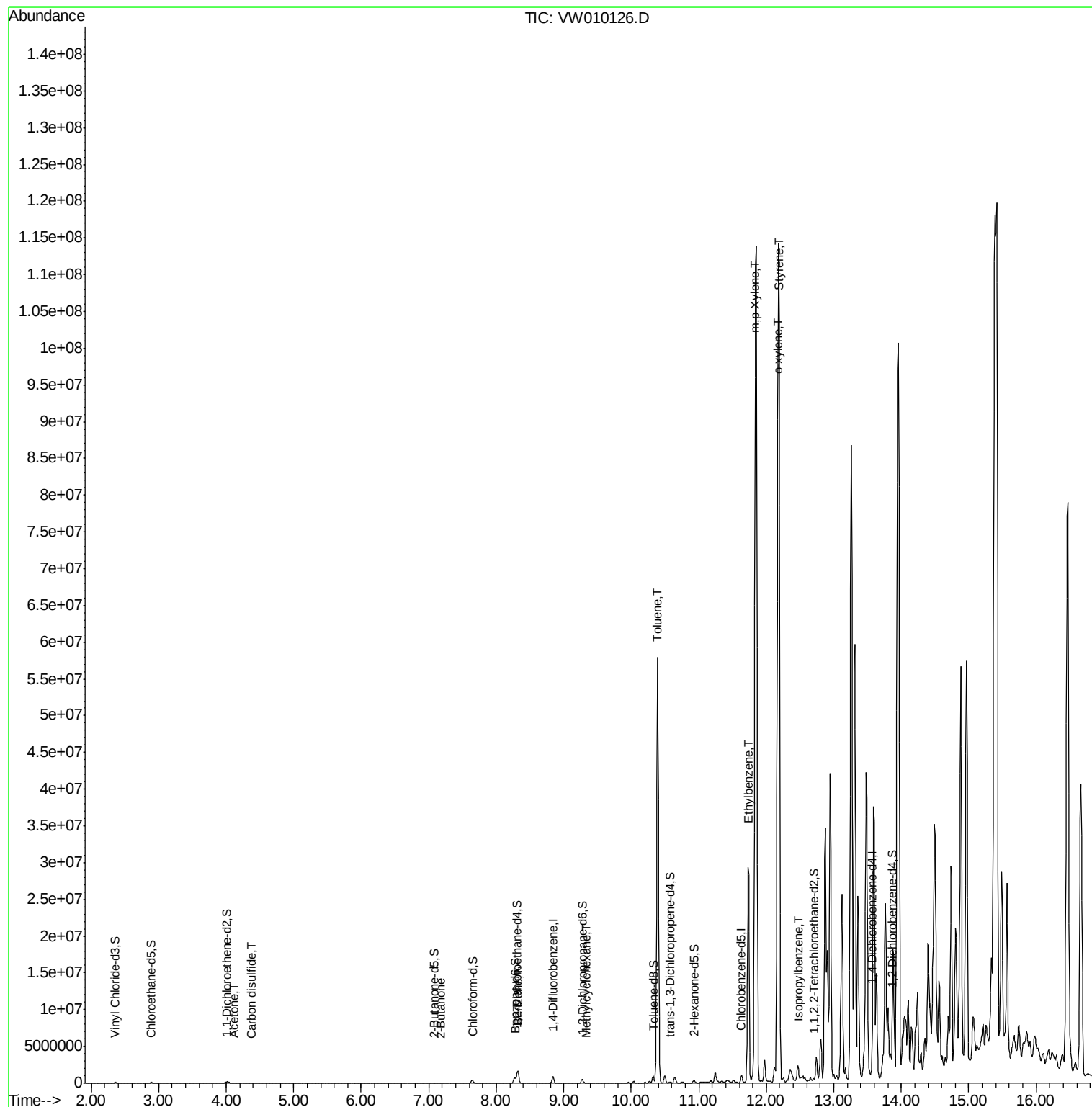
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042419\
Data File : VW010126.D
Acq On : 25 Apr 2019 02:25
Operator : SY/VA
Sample : K2481-22
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

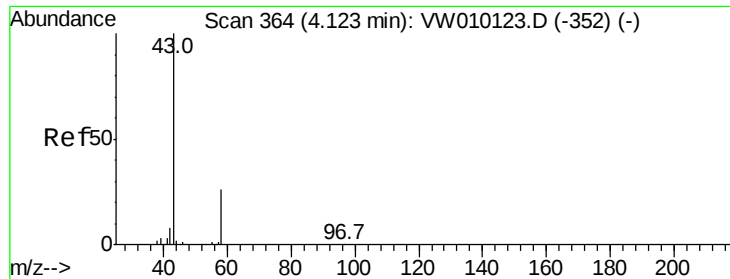
Instrument :
MSVOA_W
ClientSampleId :
GAHX5

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Quant Time: May 02 05:05:09 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 25 03:54:59 2019
Response via : Initial Calibration





#13

Acetone

Concen: 17.693 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW010126.D

Acq: 25 Apr 2019 02:25

Instrument :

MSVOA_W

ClientSampleId :

GAHX5

Tot Ion: 43 Resp: 43894

Ion Ratio Lower Upper

43 100

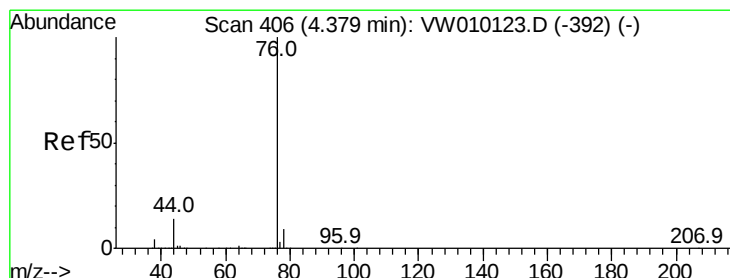
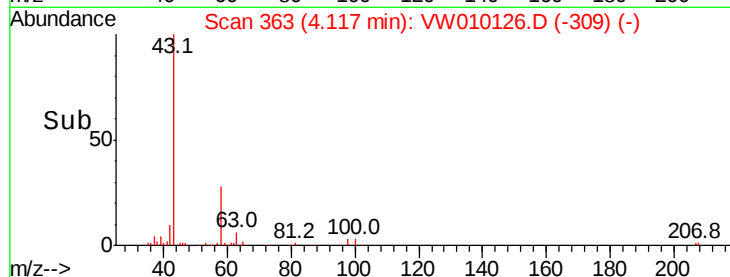
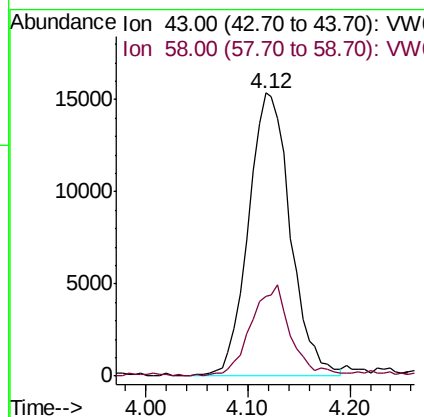
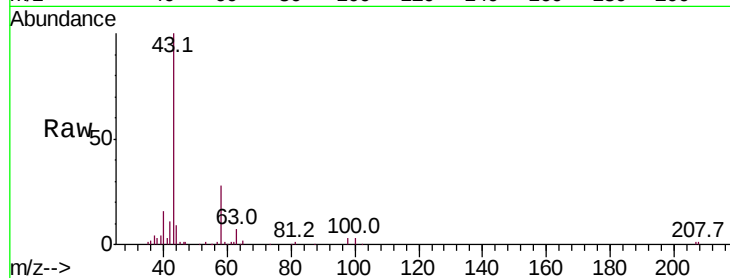
58 28.1 0.0 58.2

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#14

Carbon disulfide

Concen: 0.786 ug/L

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW010126.D

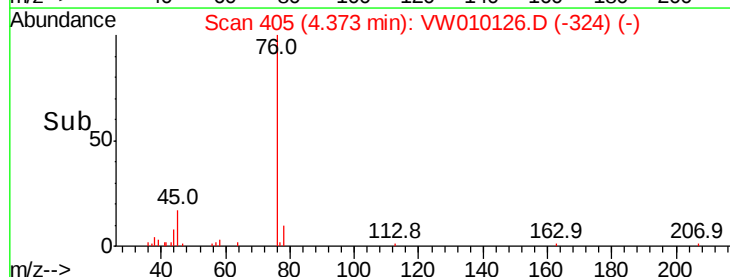
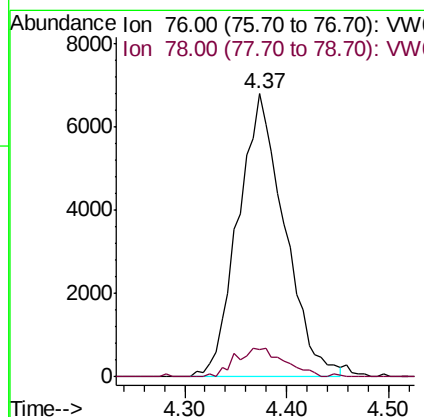
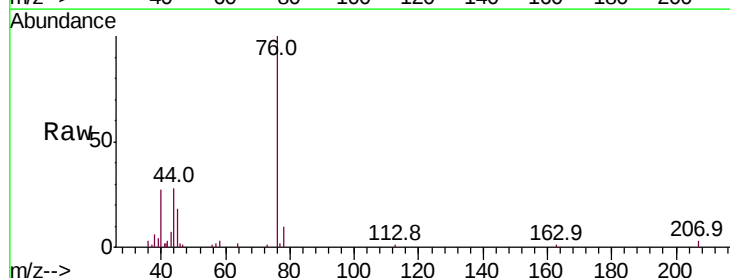
Acq: 25 Apr 2019 02:25

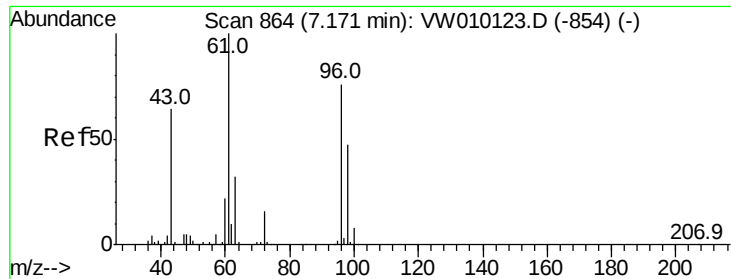
Tgt Ion: 76 Resp: 21499

Ion Ratio Lower Upper

76 100

78 9.9 7.4 11.0





#21

2-Butanone

Concen: 4.626 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW010126.D

Acq: 25 Apr 2019 02:25

Instrument :

MSVOA_W

ClientSampleId :

GAHX5

Tot Ion: 43 Resp: 17796

Ion Ratio Lower Upper

43 100

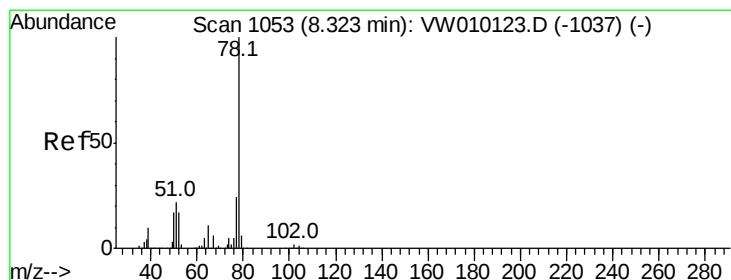
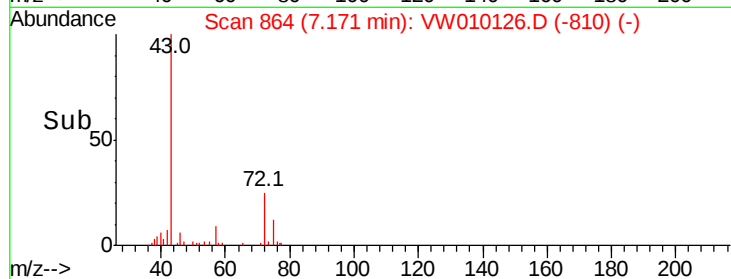
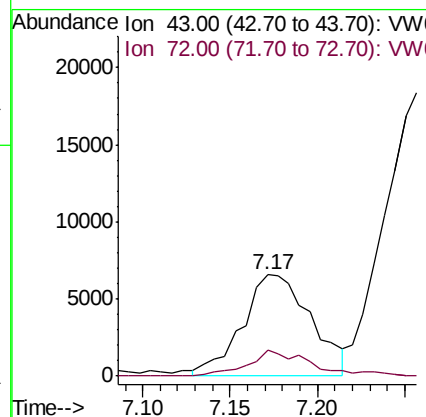
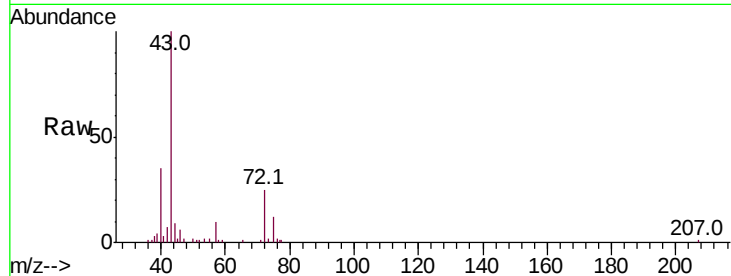
72 21.8 12.3 36.8

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#34

Benzene

Concen: 46.511 ug/L

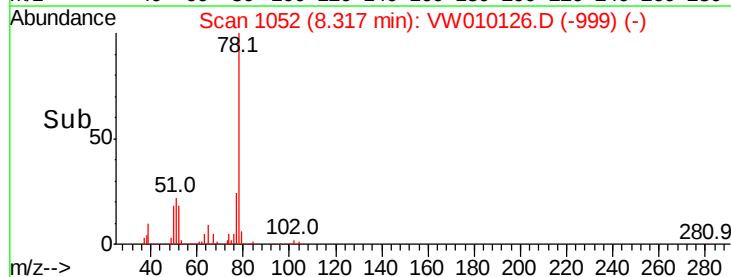
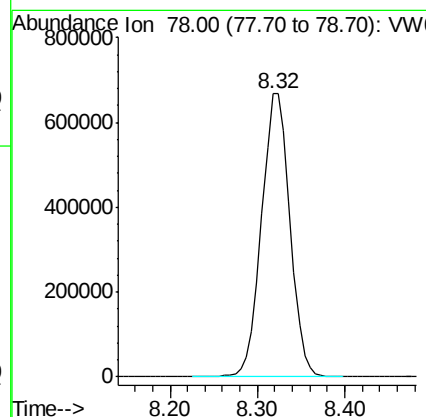
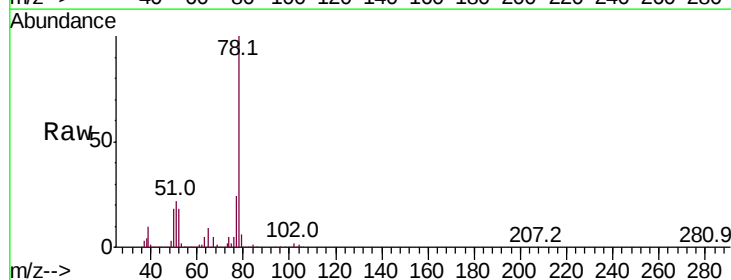
RT: 8.32 min Scan# 1052

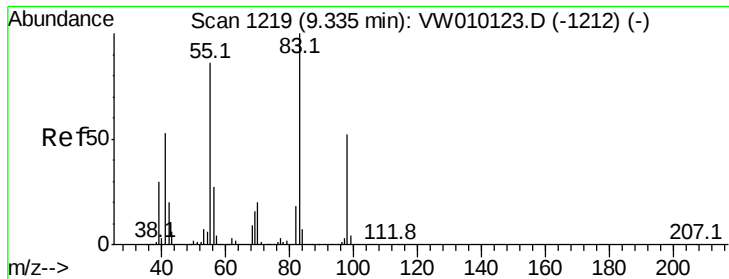
Delta R.T. -0.01 min

Lab File: VW010126.D

Acq: 25 Apr 2019 02:25

Tgt Ion: 78 Resp: 1506224





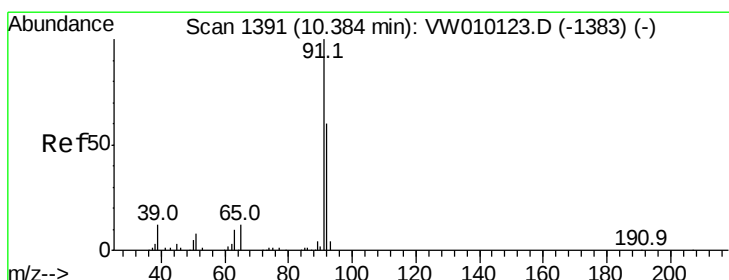
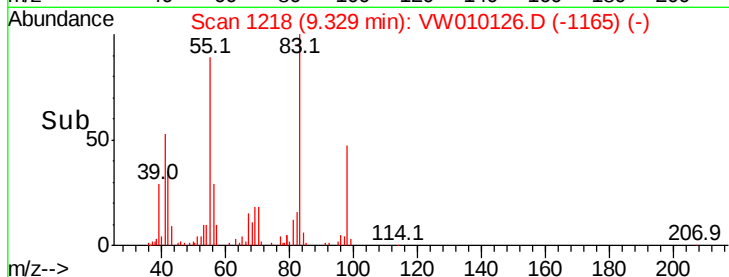
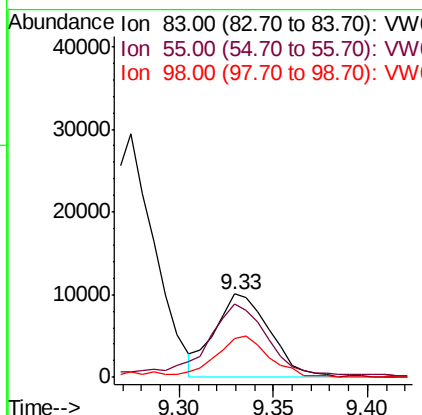
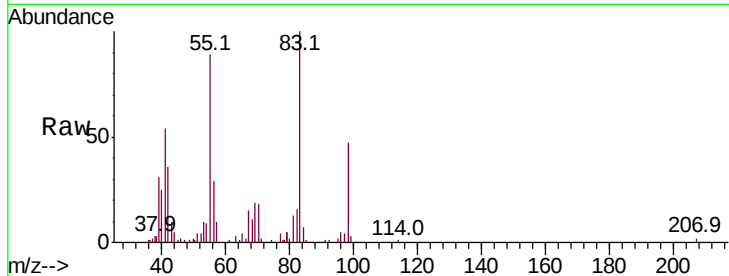
#36
Methylcyclohexane
Concen: 1.438 ug/L
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW010126.D
Acq: 25 Apr 2019 02:25

Instrument :
MSVOA_W
ClientSampleId :
GAHX5

Tot Ion	Ratio	Lower	Upper
83	100		
55	94.8	66.6	100.0
98	47.7	39.1	58.7

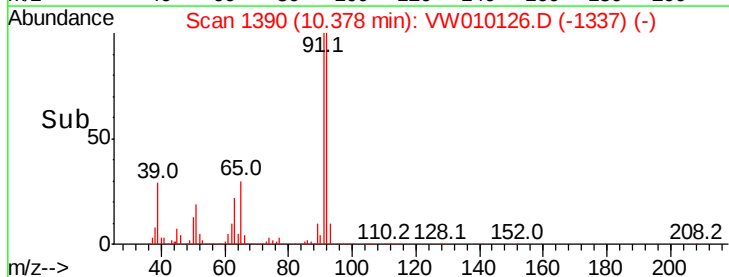
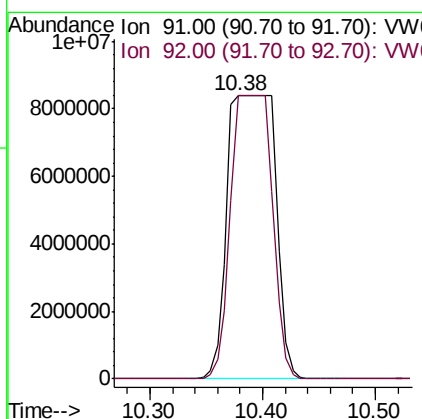
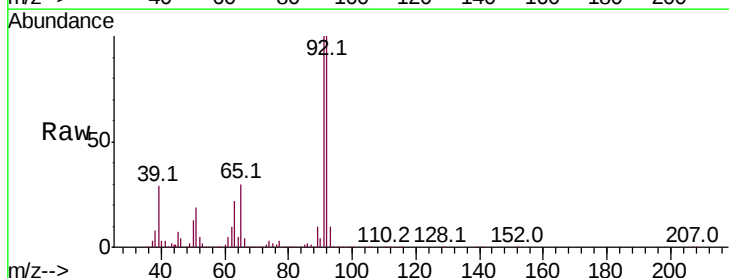
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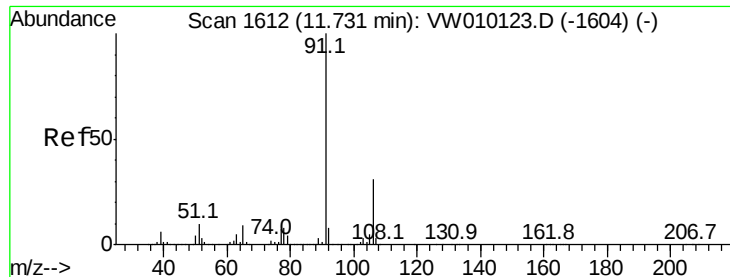
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#44
Toluene
Concen: 728.900 ug/L m
RT: 10.38 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VW010126.D
Acq: 25 Apr 2019 02:25

Tgt Ion	Ratio	Lower	Upper
91	100		
92	100.0	40.3	74.9#





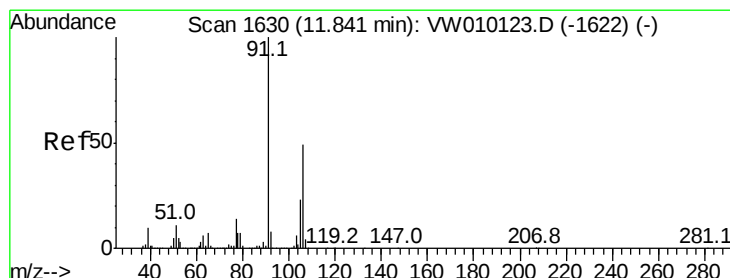
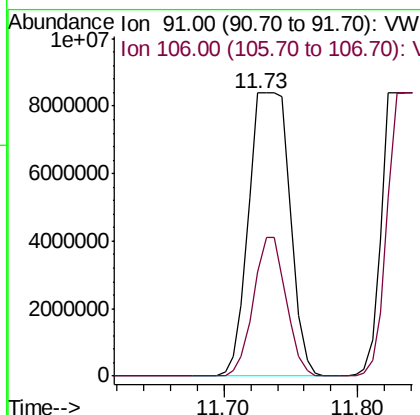
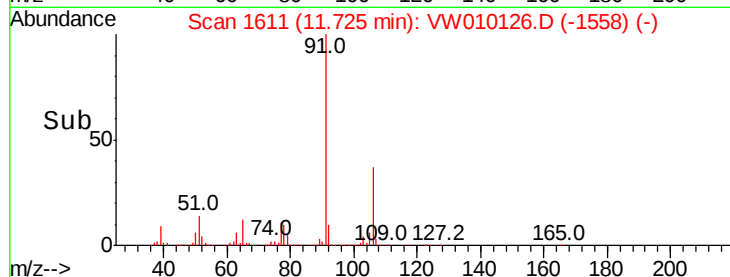
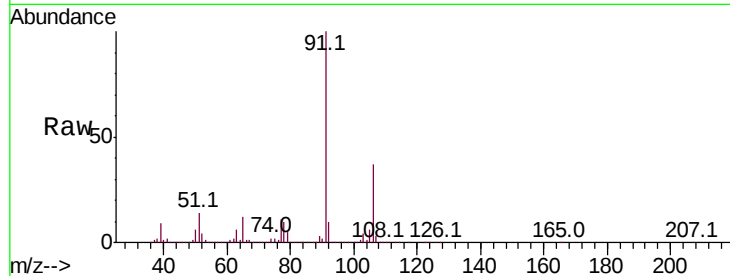
#53
Ethylbenzene
Concen: 462.985 ug/L m
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW010126.D
Acq: 25 Apr 2019 02:25

Instrument :
MSVOA_W
ClientSampleId :
GAHX5

Tot Ion: 91 Resp:17813936
Ion Ratio Lower Upper
91 100
106 36.6 21.5 39.9

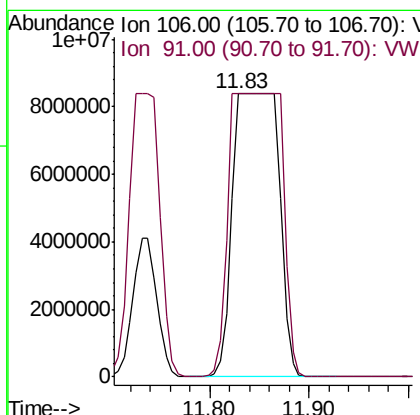
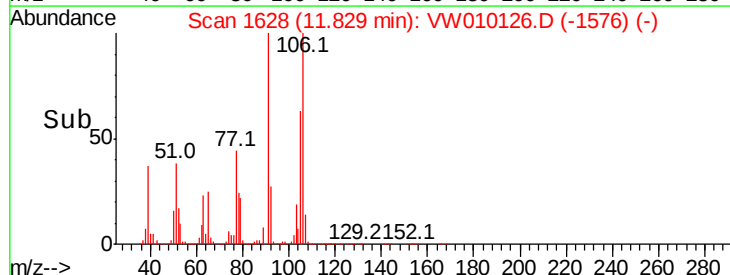
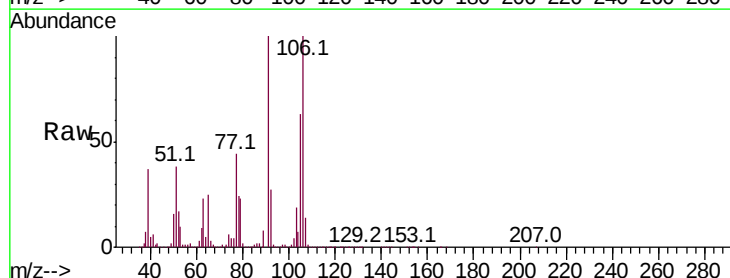
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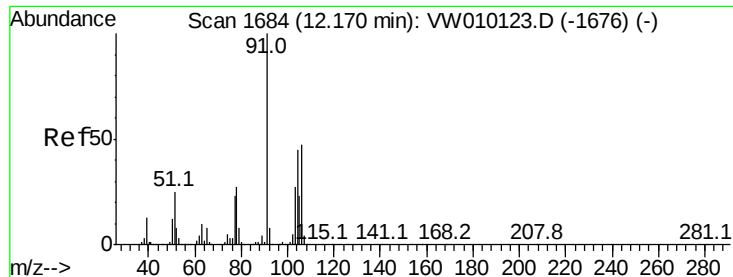
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#54
m,p-Xylene
Concen: 1901.295 ug/L m
RT: 11.83 min Scan# 1628
Delta R.T. -0.01 min
Lab File: VW010126.D
Acq: 25 Apr 2019 02:25

Tgt Ion:106 Resp:27059596
Ion Ratio Lower Upper
106 100
91 100.0 143.4 266.4#





#55

o-xylene

Concen: 1467.468 ug/L m

RT: 12.16 min Scan# 1683

Delta R.T. -0.01 min

Lab File: VW010126.D

Acq: 25 Apr 2019 02:25

Instrument :

MSVOA_W

ClientSampleId :

GAHX5

Tot Ion:106 Resp:19804905

Ion Ratio Lower Upper

106 100

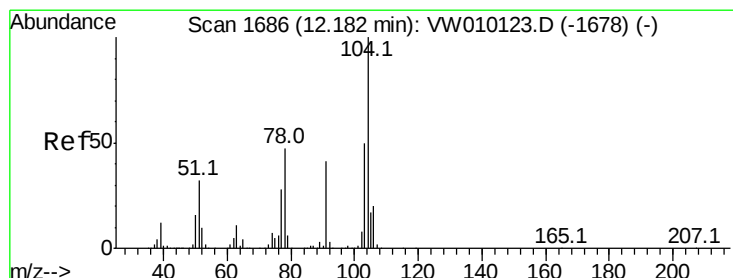
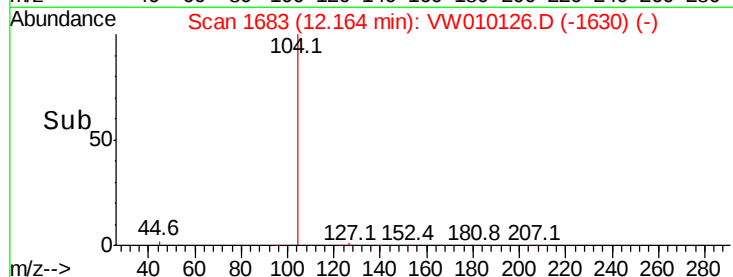
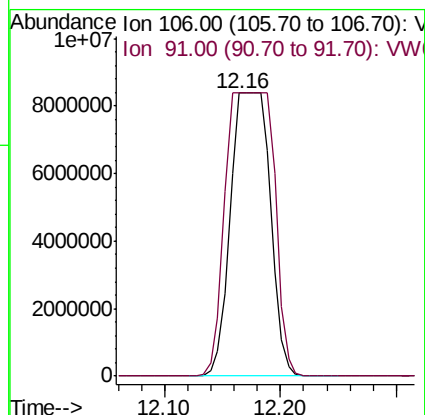
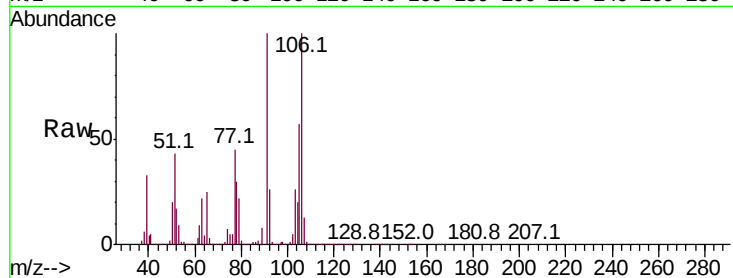
91 100.0 151.4 281.2#

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#56

Styrene

Concen: 929.797 ug/L m

RT: 12.18 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VW010126.D

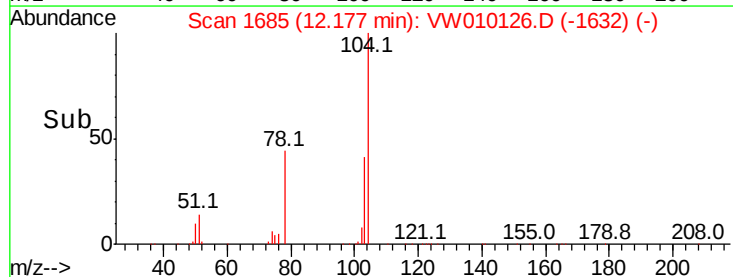
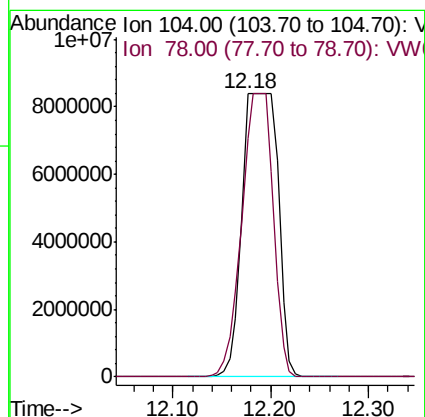
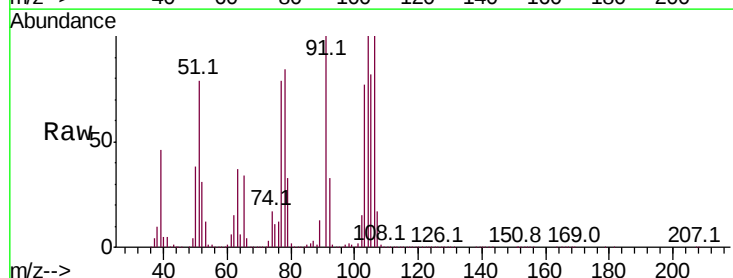
Acq: 25 Apr 2019 02:25

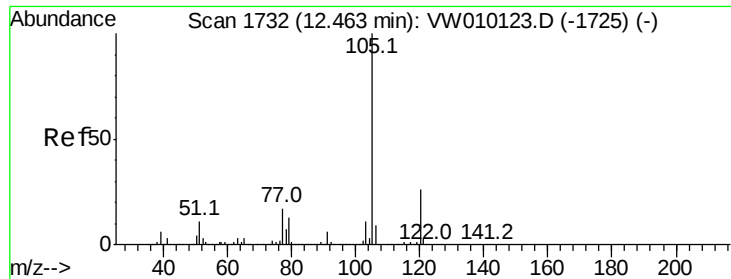
Tgt Ion:104 Resp:21341644

Ion Ratio Lower Upper

104 100

78 84.2 33.4 62.0#





#57

Isopropylbenzene

Concen: 36.251 ug/L

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW010126.D

Acq: 25 Apr 2019 02:25

Instrument :

MSVOA_W

ClientSampleId :

GAHX5

Tot Ion:	105	Resp:	1331151
Ion Ratio	Lower	Upper	
105	100		
120	26.5	20.8	31.2
77	16.3	13.3	19.9

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