

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032219\
 Data File : VW009366.D
 Acq On : 23 Mar 2019 01:38
 Operator : SY/VA
 Sample : K2031-06
 Misc : 2.77G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5W1

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 8:29:42 AM

Quant Time: Mar 24 17:08:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Mar 24 16:54:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	311547	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	210448	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	53297	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	93803	25.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.80%
7) Chloroethane-d5	2.90	69	100041	22.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.84%
10) 1,1-Dichloroethene-d2	4.01	63	137834	17.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.52%
20) 2-Butanone-d5	7.08	46	66133	42.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.90%
24) Chloroform-d	7.64	84	202621	23.83	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.32%
26) 1,2-Dichloroethane-d4	8.31	65	119017	23.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.96%
29) Benzene-d6	8.27	84	352427	30.37	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	121.48%
33) 1,2-Dichloropropane-d6	9.27	67	110644	31.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	126.96%#
37) Toluene-d8	10.32	98	263511	24.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.24%
38) trans-1,3-Dichloropropene-	10.58	79	18605	10.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	42.52%
39) 2-Hexanone-d5	10.93	63	38719	45.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	59573	17.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	69.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	41915	20.51	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.04%

Target Compounds

					Ovalue
13) Acetone	4.12	43	12409	9.828 ug/L	96
14) Carbon disulfide	4.38	76	111708	10.819 ug/L	99
16) Methylene chloride	4.91	84	30055m	6.615 ug/L	
17) Methyl tert-butyl Ether	5.43	73	11802m	2.174 ug/L	
34) Benzene	8.32	78	77855	6.759 ug/L	100
44) Toluene	10.38	91	17577	1.396 ug/L	86
53) Ethylbenzene	11.74	91	9224	0.651 ug/L	92
57) Isopropylbenzene	12.46	105	16768	1.193 ug/L	98

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

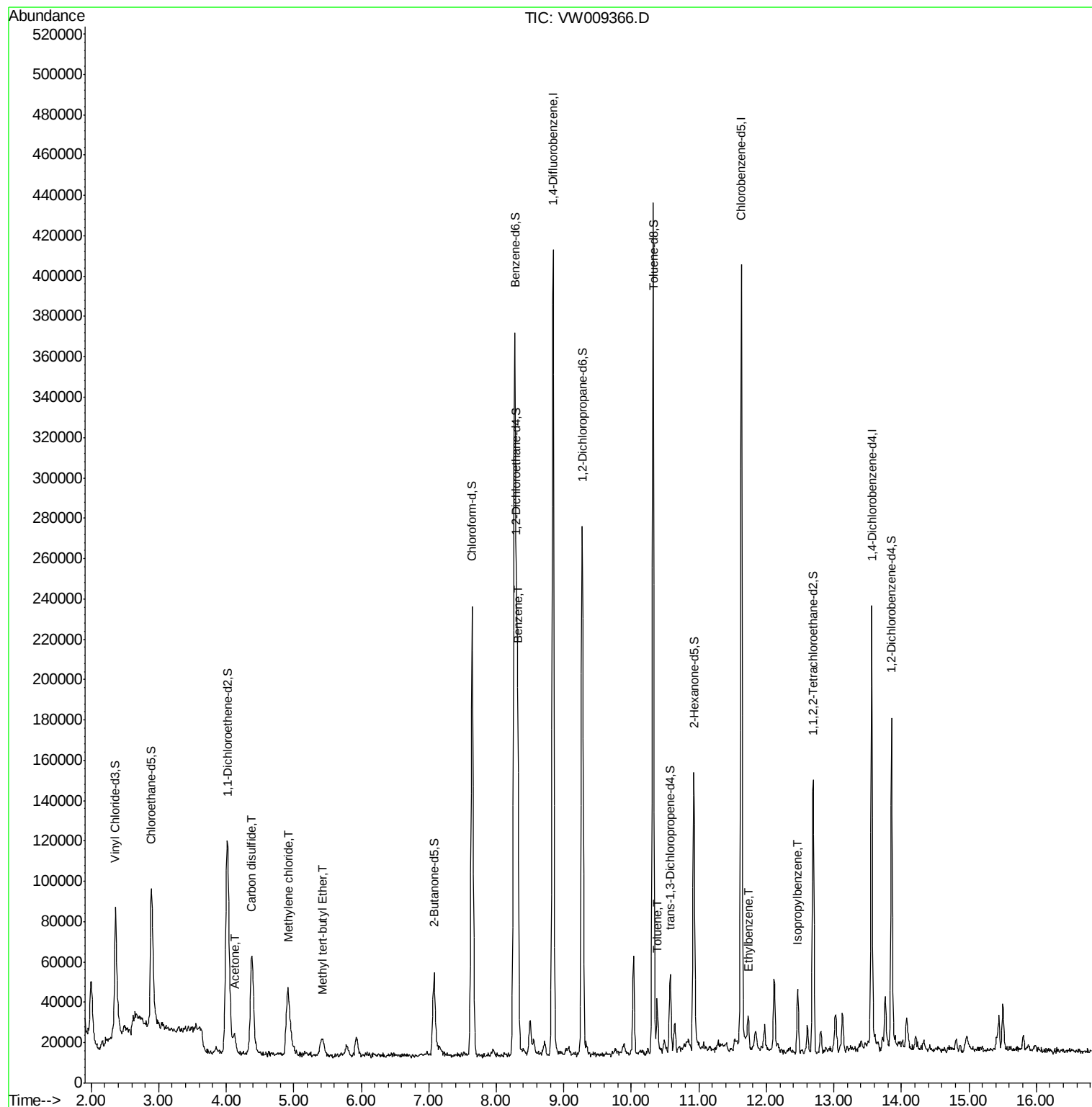
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032219\
Data File : VW009366.D
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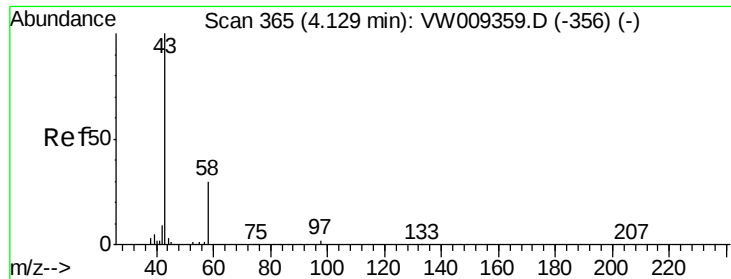
Instrument :
MSVOA_W
ClientSampleId :
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Quant Title : VOC Analysis
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Response via : Initial Calibration





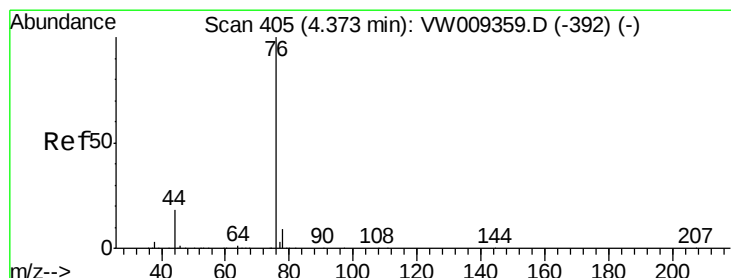
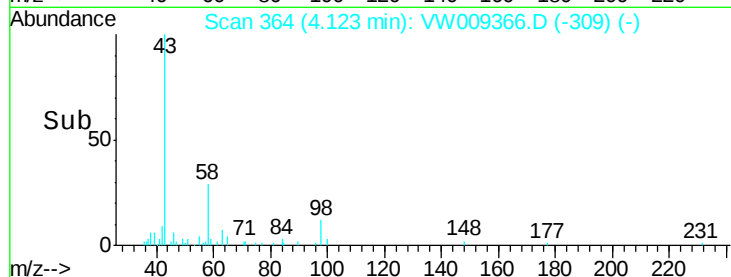
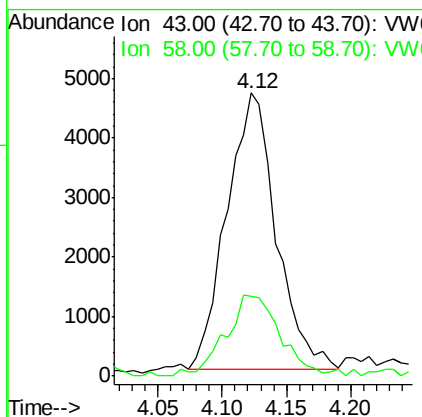
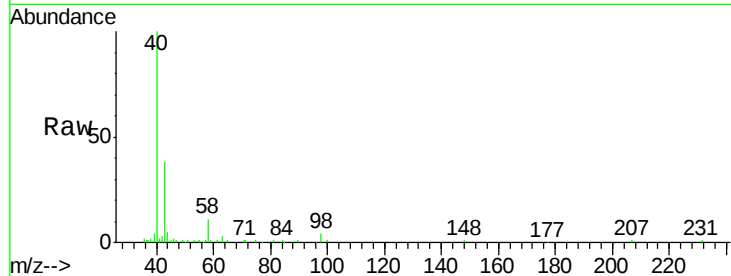
#13
Acetone
Concen: 9.828 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW009366.D
Acq: 23 Mar 2019 01:38

Instrument :
MSVOA_W
ClientSampled :
BF5W1

Tot Ion: 43 Resp: 12409
Ion Ratio Lower Upper
43 100
58 30.0 0.0 56.2

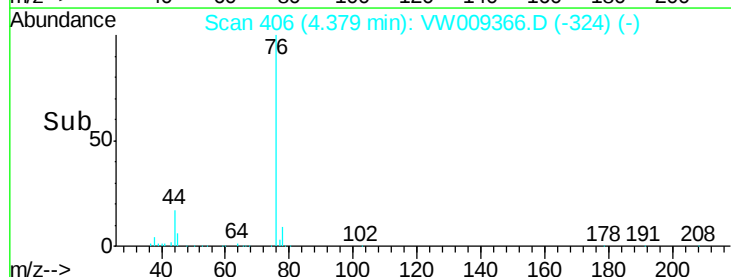
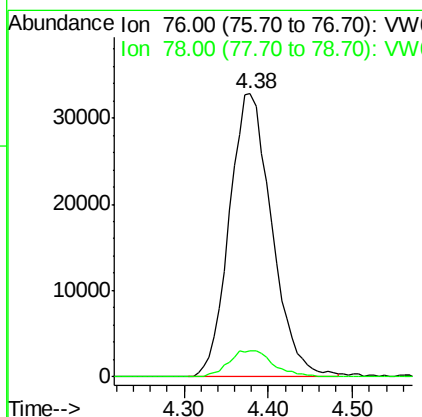
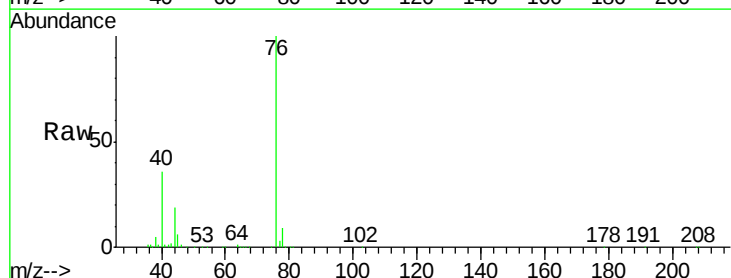
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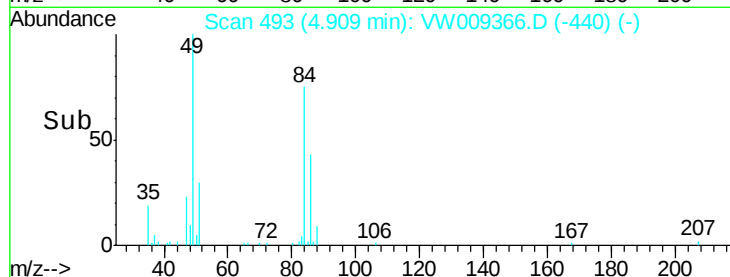
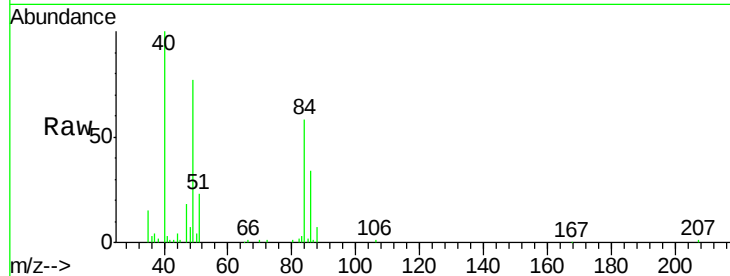
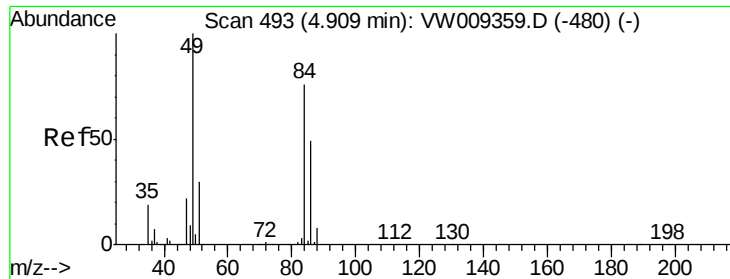
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#14
Carbon disulfide
Concen: 10.819 ug/L
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW009366.D
Acq: 23 Mar 2019 01:38

Tgt Ion: 76 Resp: 111708
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9





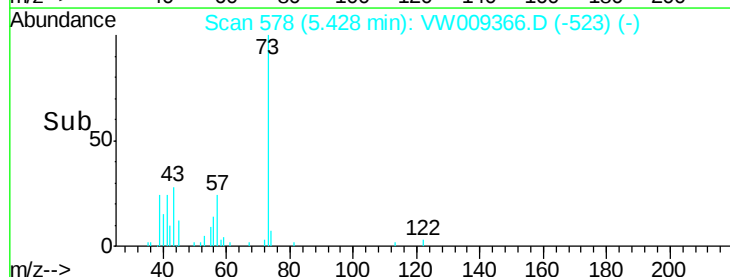
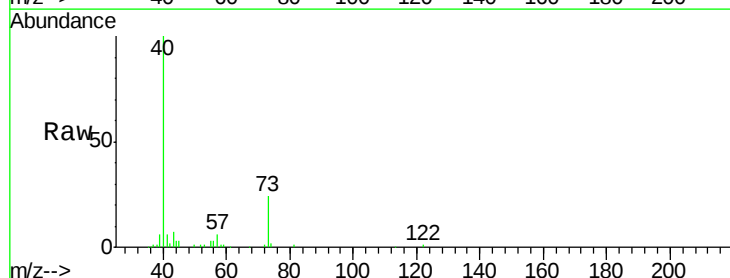
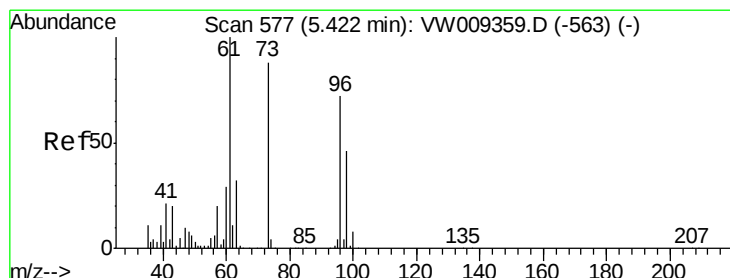
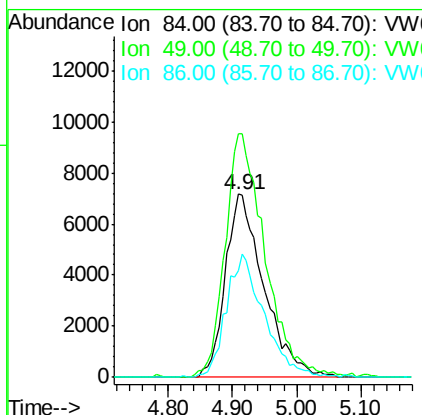
#16
Methylene chloride
Concen: 6.615 ug/L m
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009366.D
Acq: 23 Mar 2019 01:38

Tot Ion	84	Resp	30055
Ion	Ratio	Lower	Upper
84	100		
49	133.0	96.0	178.2
86	57.9	44.4	82.5

Instrument :
MSVOA_W
ClientSampled :
BF5W1

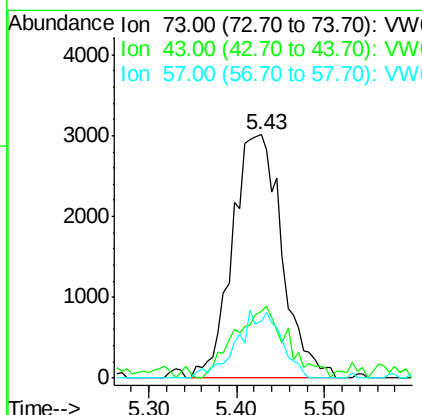
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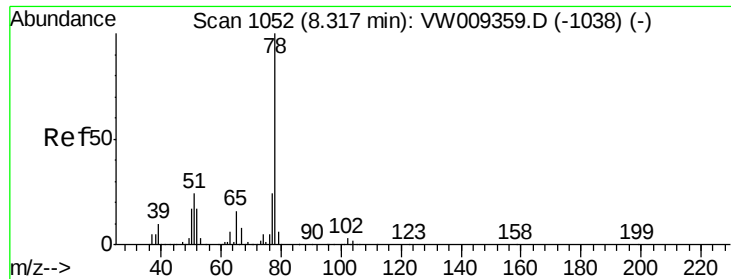
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#17
Methyl tert-butyl Ether
Concen: 2.174 ug/L m
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW009366.D
Acq: 23 Mar 2019 01:38

Tgt Ion	73	Resp	11802
Ion	Ratio	Lower	Upper
73	100		
43	0.8	18.2	27.4#
57	0.8	17.8	26.8#





#34

Benzene

Concen: 6.759 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VW009366.D

Acq: 23 Mar 2019 01:38

Instrument :

MSVOA_W

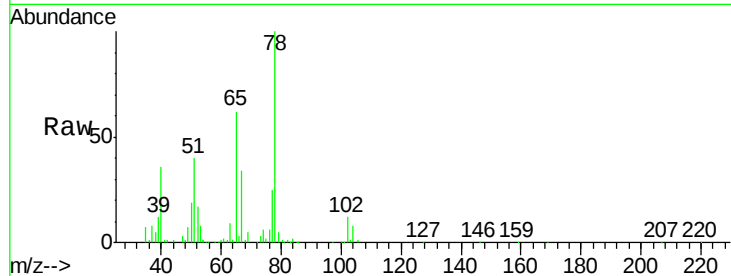
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BF5W1

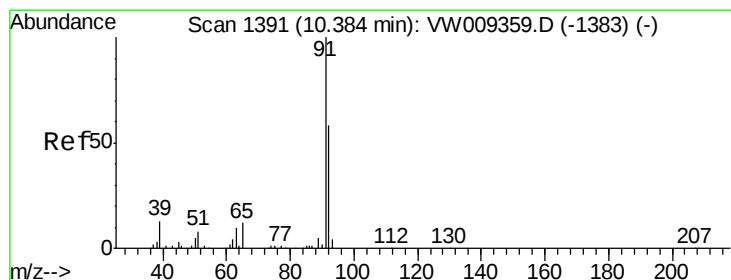
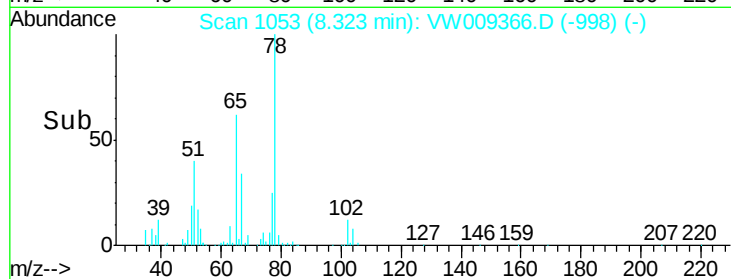
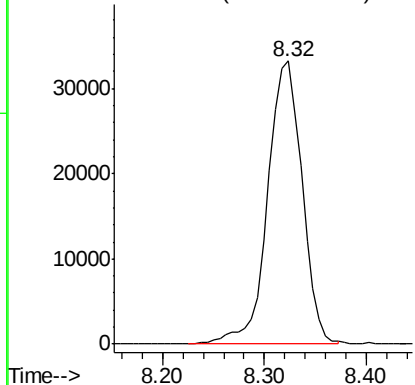
Tgt Ion: 78 Resp: 77855

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Abundance Ion 78.00 (77.70 to 78.70): VW



#44

Toluene

Concen: 1.396 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW009366.D

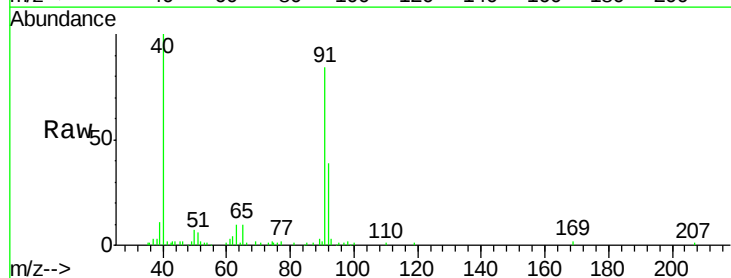
Acq: 23 Mar 2019 01:38

Tgt Ion: 91 Resp: 17577

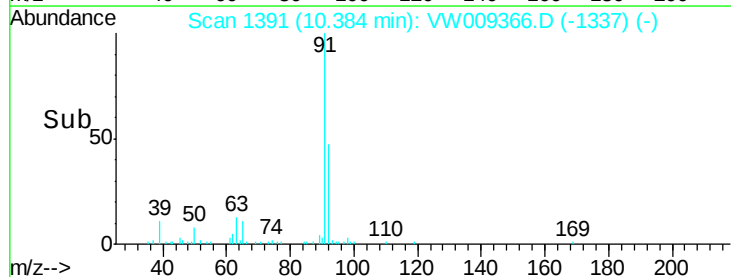
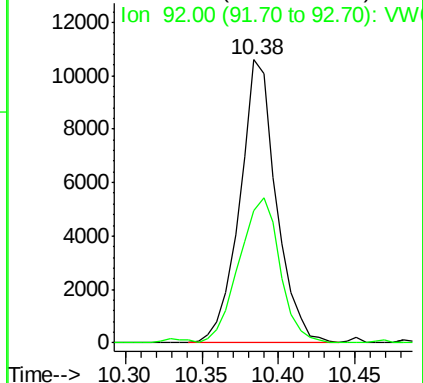
Ion Ratio Lower Upper

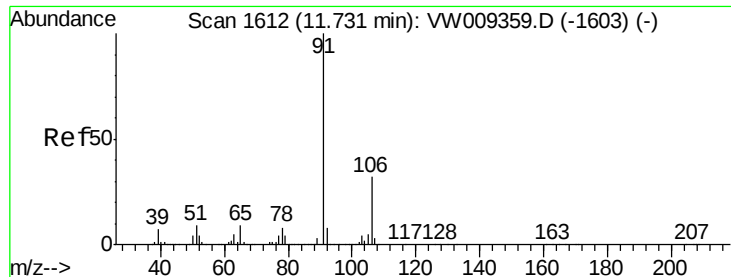
91 100

92 46.7 39.8 73.8



Abundance Ion 91.00 (90.70 to 91.70): VW





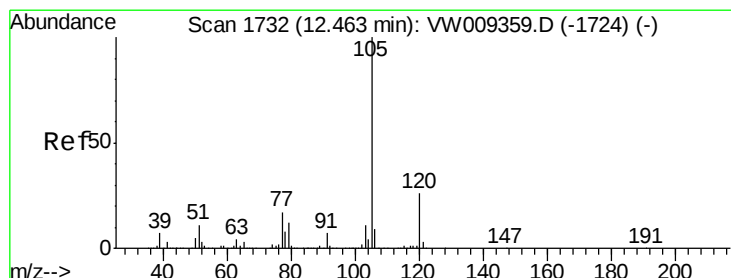
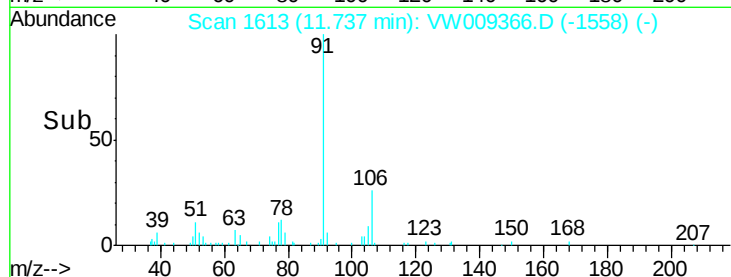
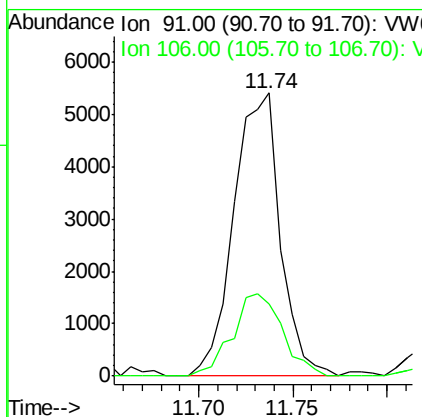
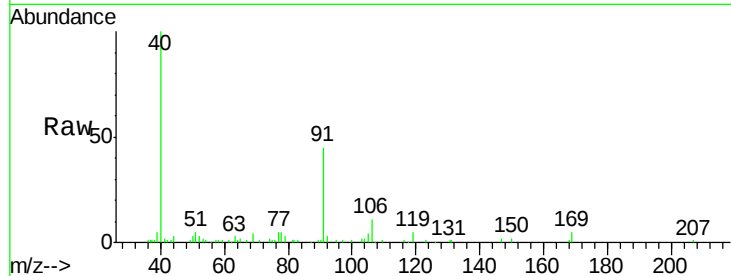
#53
Ethylbenzene
Concen: 0.651 ug/L
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW009366.D
Acq: 23 Mar 2019 01:38

Instrument :
MSVOA_W
ClientSampleId :
BF5W1

Tot Ion: 91 Resp: 9224
Ion Ratio Lower Upper
91 100
106 25.7 21.0 39.0

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#57
Isopropylbenzene
Concen: 1.193 ug/L
RT: 12.46 min Scan# 1732
Delta R.T. -0.01 min
Lab File: VW009366.D
Acq: 23 Mar 2019 01:38

Tgt Ion: 105 Resp: 16768
Ion Ratio Lower Upper
105 100
120 27.2 21.3 31.9
77 17.7 13.1 19.7

