

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032319\
 Data File : VW009414.D
 Acq On : 24 Mar 2019 02:38
 Operator : SY/VA
 Sample : K2031-06RE
 Misc : 2.99G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5W1RE

Manual Integrations
 APPROVED

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 3/27/2019 3:34:22 PM

Quant Time: Mar 24 14:57:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 23:52:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	317800	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	223137	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	60100	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	84033	22.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.52%
7) Chloroethane-d5	2.89	69	92310	20.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.08%
10) 1,1-Dichloroethene-d2	4.01	63	129642	15.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.16%
20) 2-Butanone-d5	7.07	46	64427	41.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.04%
24) Chloroform-d	7.64	84	201542	23.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.96%
26) 1,2-Dichloroethane-d4	8.30	65	116042	22.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.84%
29) Benzene-d6	8.27	84	355792	28.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.64%
33) 1,2-Dichloropropane-d6	9.27	67	110080	29.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.12%
37) Toluene-d8	10.32	98	264980	23.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.16%
38) trans-1,3-Dichloropropene-	10.58	79	20294	10.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	43.72%
39) 2-Hexanone-d5	10.93	63	36858	41.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.34%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	61724	16.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	67.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	45417	19.71	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.84%

Target Compounds

					Ovalue
13) Acetone	4.12	43	13677	10.619 ug/L	98
14) Carbon disulfide	4.38	76	109284	10.376 ug/L	96
16) Methylene chloride	4.92	84	25474m	5.497 ug/L	
17) Methyl tert-butyl Ether	5.43	73	12363m	2.233 ug/L	
34) Benzene	8.32	78	80096	6.558 ug/L	100
44) Toluene	10.38	91	15902	1.191 ug/L	97
53) Ethylbenzene	11.73	91	7660	0.510 ug/L	85
57) Isopropylbenzene	12.46	105	9894	0.664 ug/L	98

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

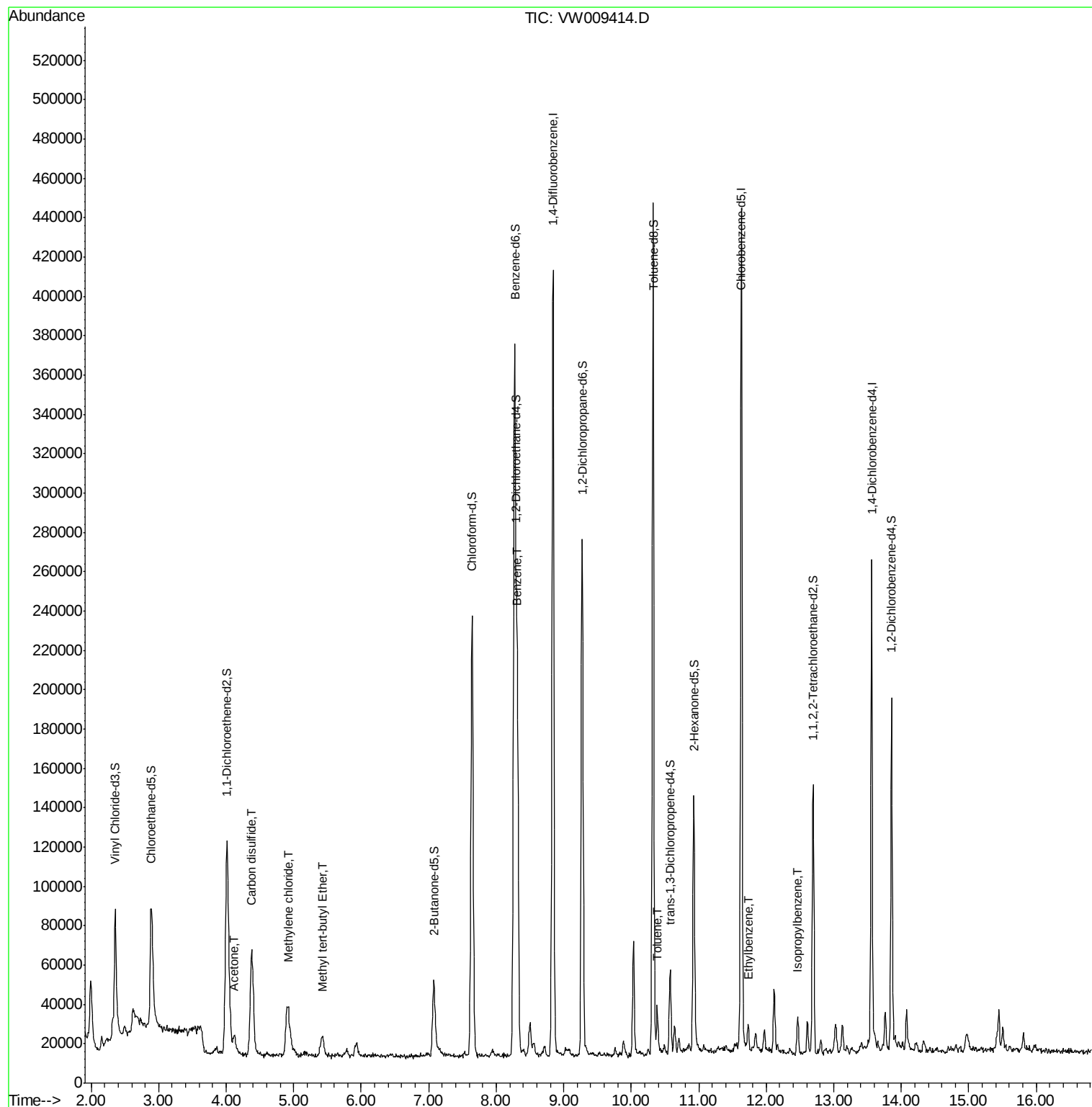
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032319\
Data File : VW009414.D
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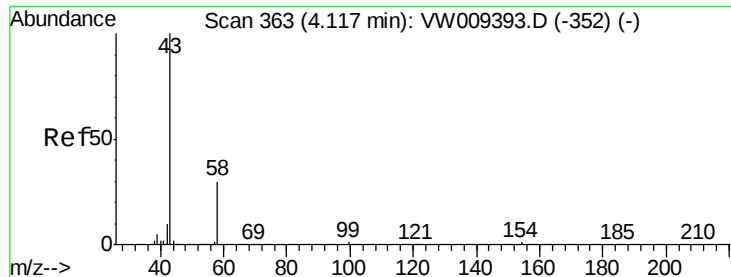
Instrument :
MSVOA_W
ClientSampleId :
BF5W1RE

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Quant Time: Mar 24 14:57:23 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 23 23:52:05 2019
Response via : Initial Calibration





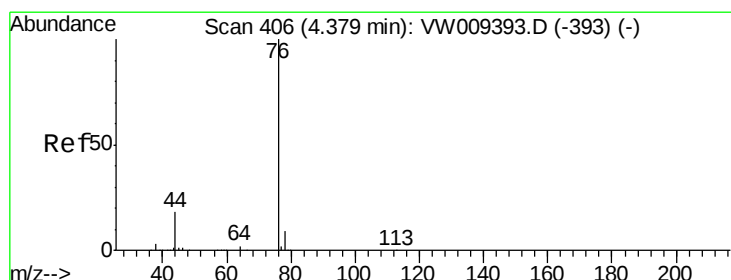
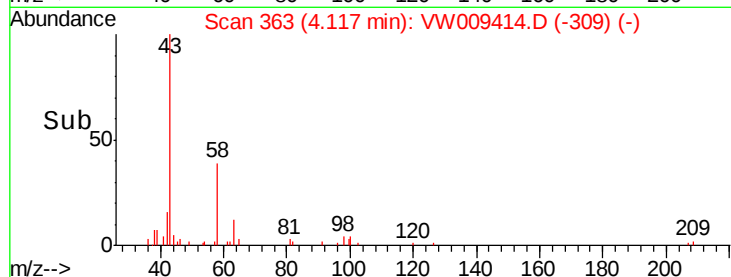
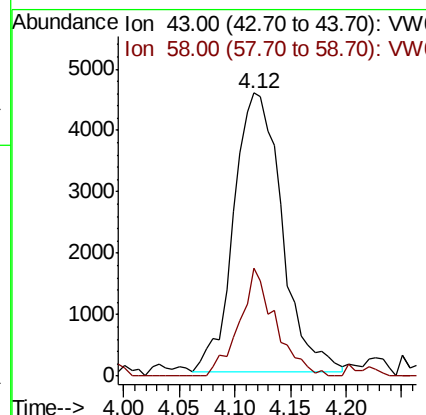
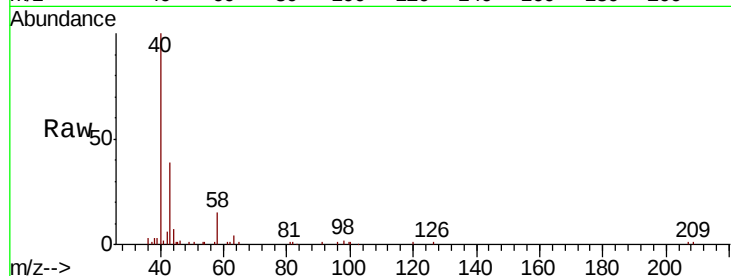
#13
Acetone
Concen: 10.619 ug/L
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW009414.D
Acq: 24 Mar 2019 02:38

Instrument :
MSVOA_W
ClientSampleId :
BF5W1RE

Tot Ion	43	58	Ratio	Lower	Upper
13677	100	29.1		0.0	56.2

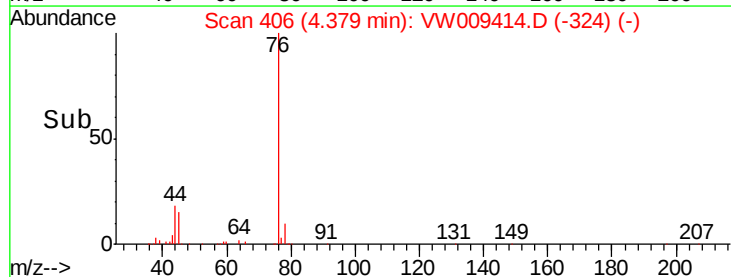
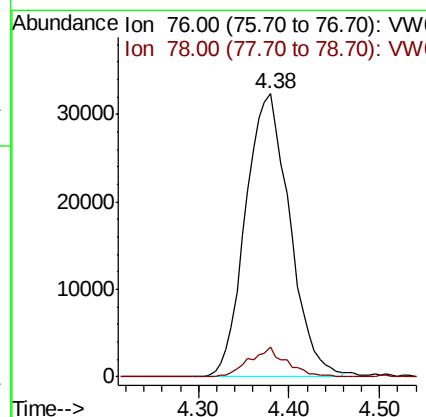
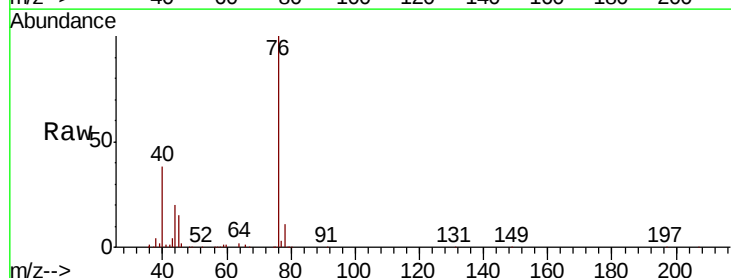
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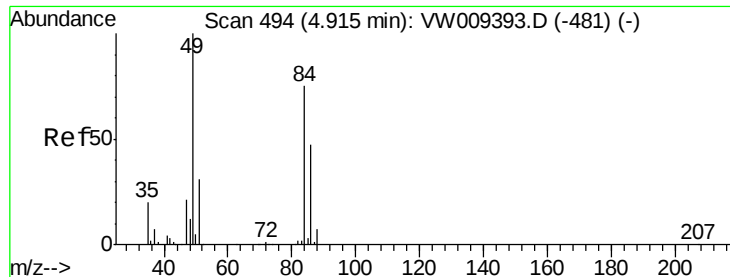
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#14
Carbon disulfide
Concen: 10.376 ug/L
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW009414.D
Acq: 24 Mar 2019 02:38

Tgt Ion	76	78	Ratio	Lower	Upper
109284	100	10.6		7.3	10.9





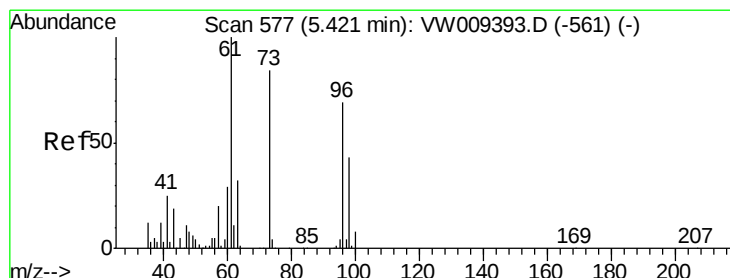
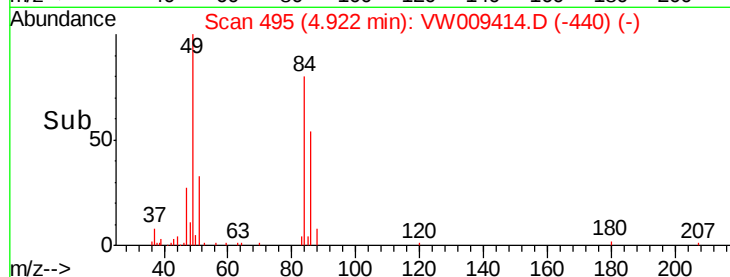
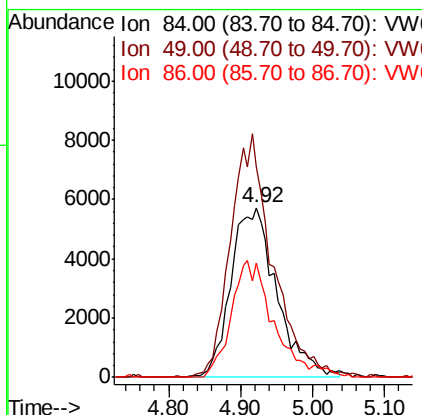
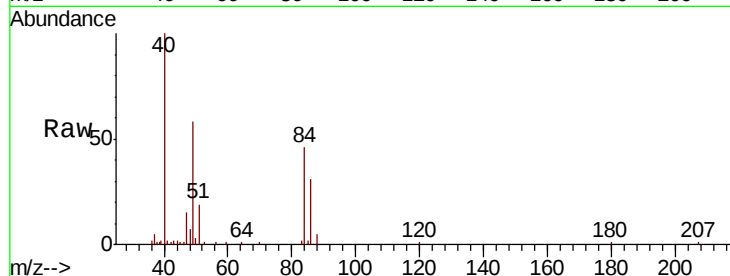
#16
Methylene chloride
Concen: 5.497 ug/L m
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW009414.D
Acq: 24 Mar 2019 02:38

Instrument :
MSVOA_W
ClientSampled :
BF5W1RE

Tot Ion	84	Resp	25474
Ion	Ratio	Lower	Upper
84	100		
49	124.3	96.0	178.2
86	67.8	44.4	82.5

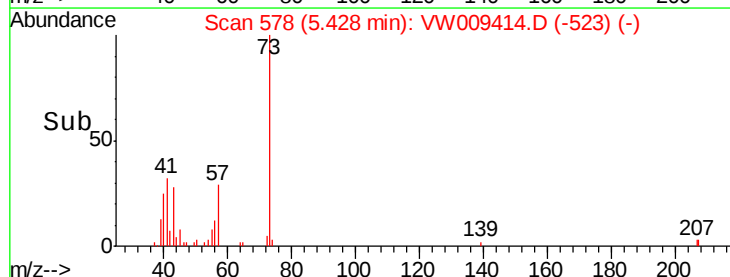
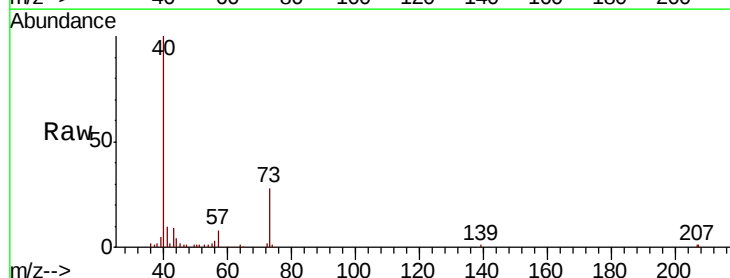
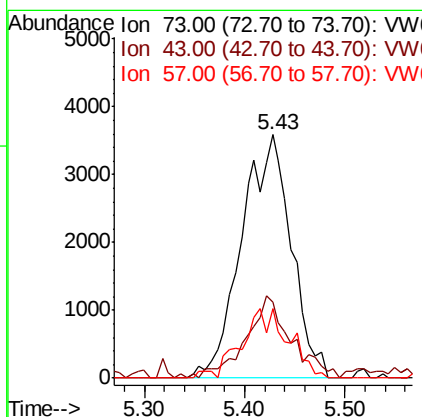
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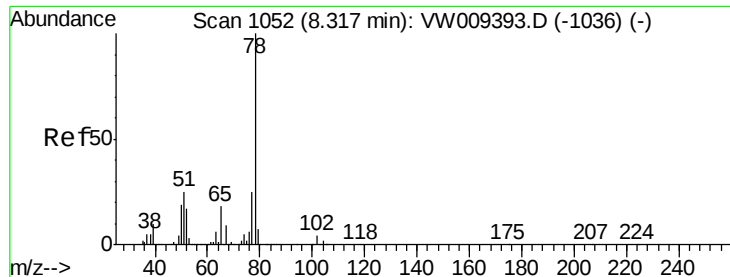
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#17
Methyl tert-butyl Ether
Concen: 2.233 ug/L m
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW009414.D
Acq: 24 Mar 2019 02:38

Tgt Ion	73	Resp	12363
Ion	Ratio	Lower	Upper
73	100		
43	24.4	18.2	27.4
57	9.4	17.8	26.8#





#34

Benzene

Concen: 6.558 ug/L

RT: 8.32 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VW009414.D

Acq: 24 Mar 2019 02:38

Instrument :

MSVOA_W

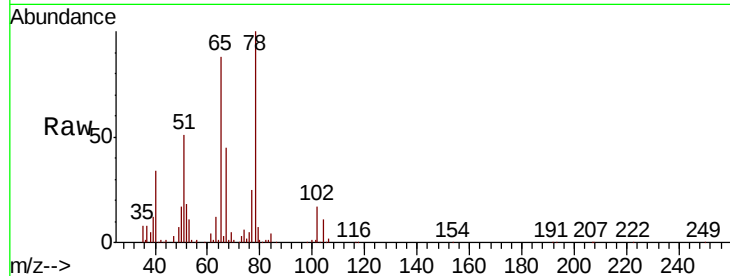
ClientSampleId :

BF5W1RE

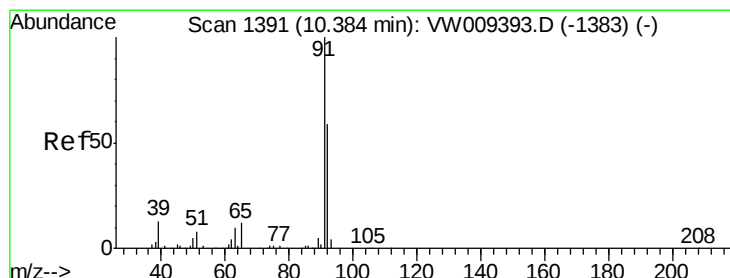
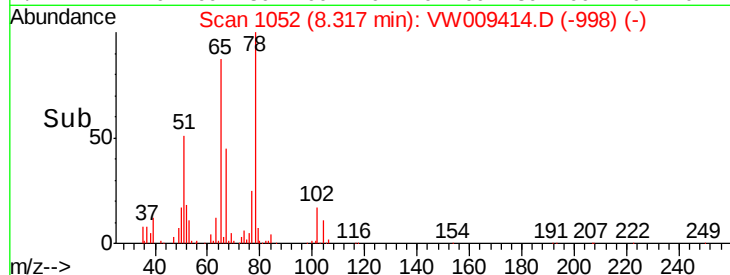
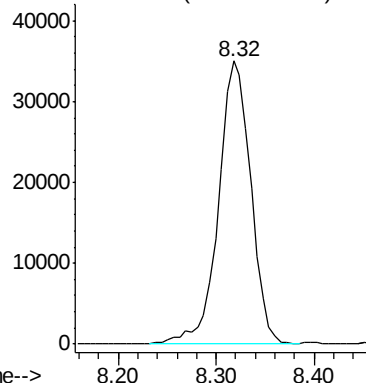
Tgt Ion: 78 Resp: 80096

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Abundance Ion 78.00 (77.70 to 78.70): VW



#44

Toluene

Concen: 1.191 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW009414.D

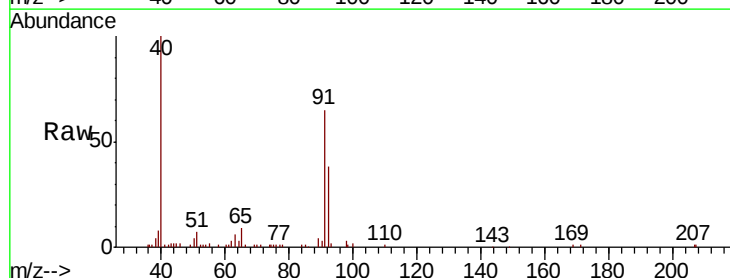
Acq: 24 Mar 2019 02:38

Tgt Ion: 91 Resp: 15902

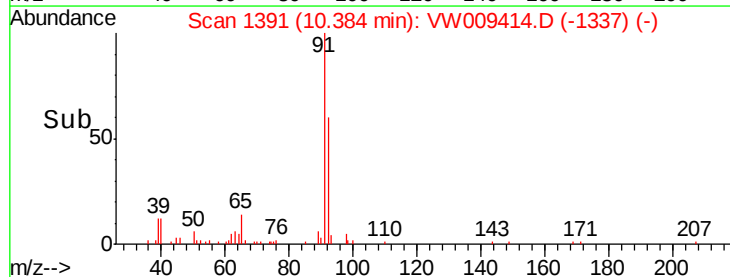
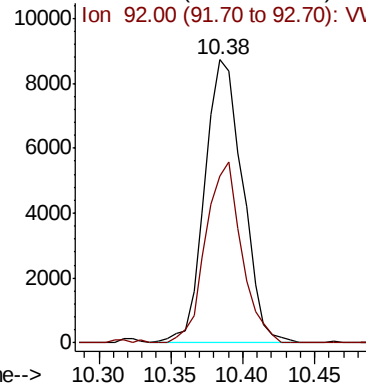
Ion Ratio Lower Upper

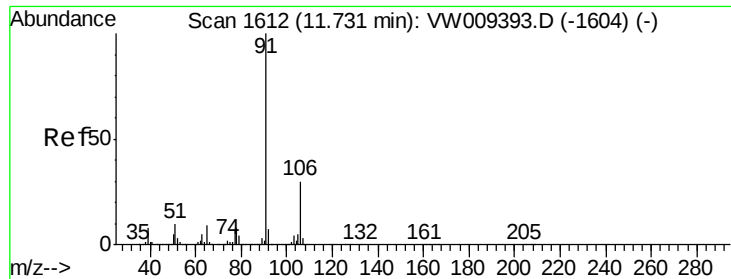
91 100

92 59.1 39.8 73.8



Abundance Ion 91.00 (90.70 to 91.70): VW





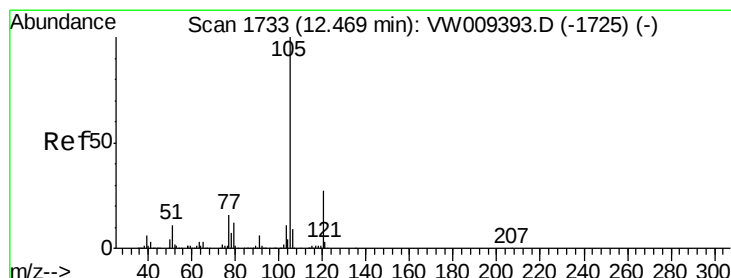
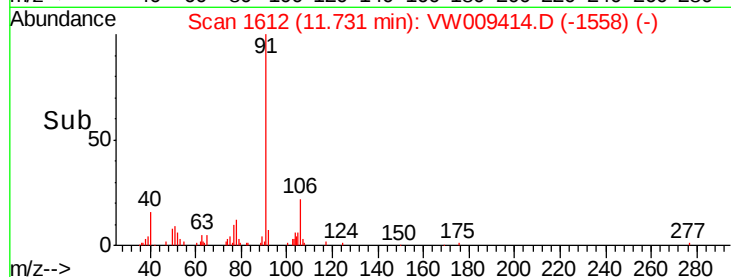
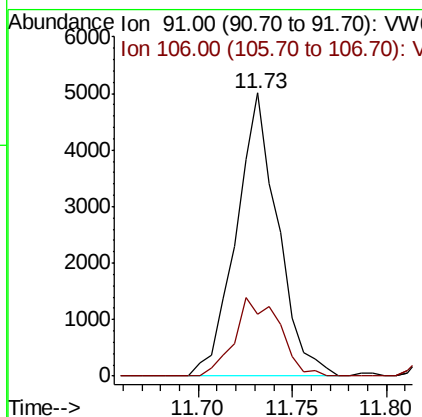
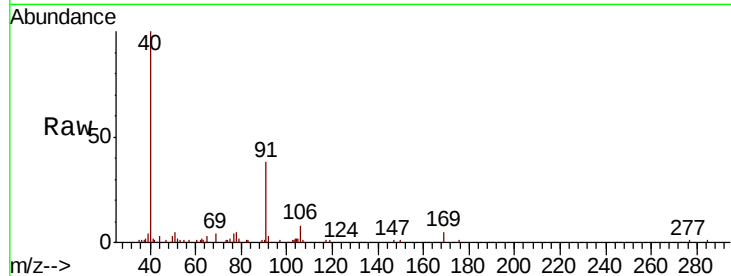
#53
Ethylbenzene
Concen: 0.510 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW009414.D
Acq: 24 Mar 2019 02:38

Instrument :
MSVOA_W
ClientSampleId :
BF5W1RE

Tot Ion: 91 Resp: 7660
Ion Ratio Lower Upper
91 100
106 22.0 21.0 39.0

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#57
Isopropylbenzene
Concen: 0.664 ug/L
RT: 12.46 min Scan# 1732
Delta R.T. -0.01 min
Lab File: VW009414.D
Acq: 24 Mar 2019 02:38

Tgt Ion: 105 Resp: 9894
Ion Ratio Lower Upper
105 100
120 26.4 21.3 31.9
77 18.2 13.1 19.7

