

Data File : VW009414.D
Acq On : 24 Mar 2019 02:38
Operator : SY/VA
Sample : K2031-06
Misc : 2.99G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5W1RE

Quant Time: Mar 24 04:16:49 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) 1,1,2,2-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

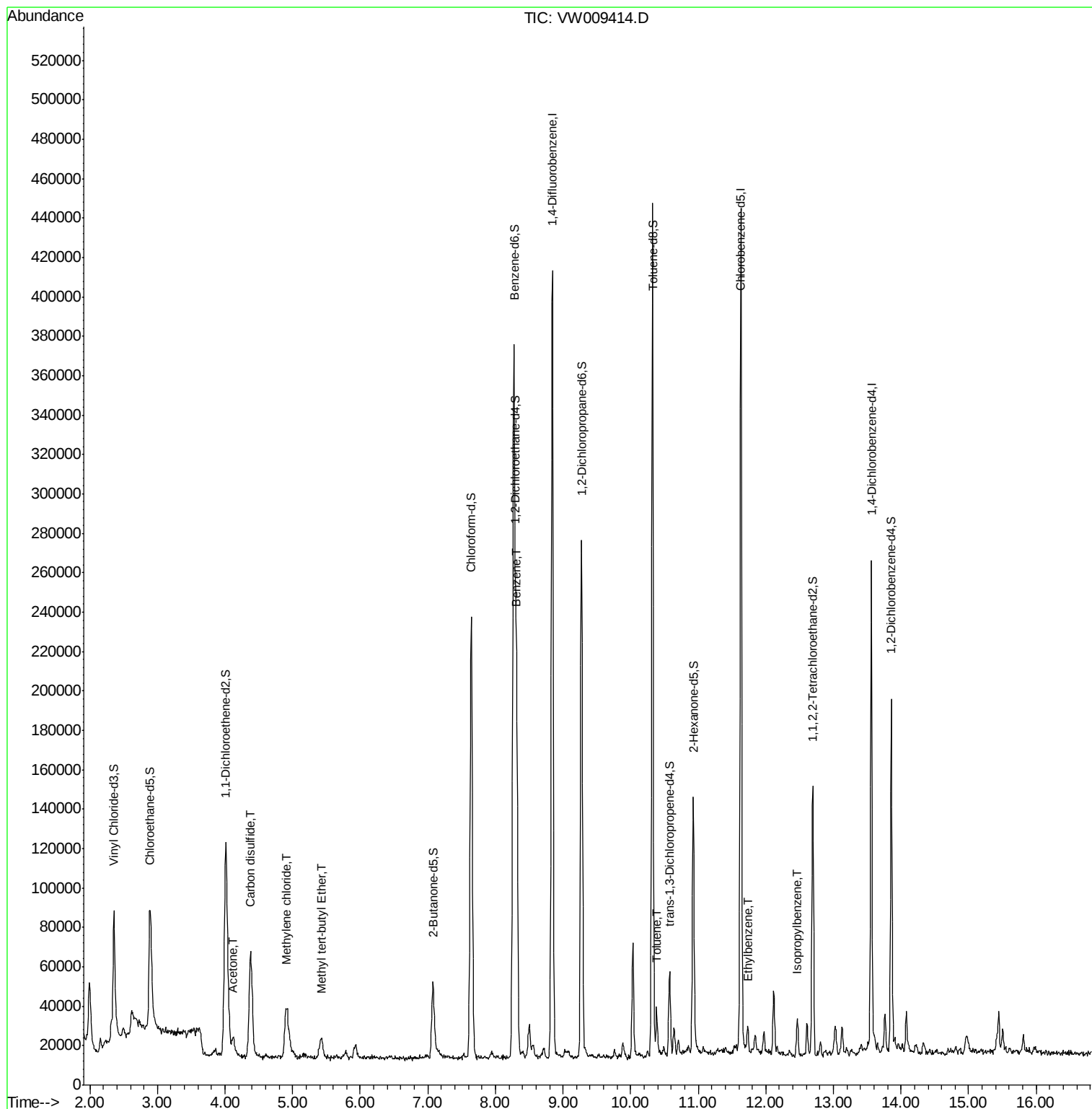
						Qvalue
13) Acetone	4.12	43	13677	10.619	ug/L	98
14) Carbon disulfide	4.38	76	109284	10.376	ug/L	96
16) Methylene chloride	4.91	84	12153	2.622	ug/L	93
17) Methyl tert-butyl Ether	5.43	73	5747	1.038	ug/L #	67
34) Benzene	8.32	78	80096	6.558	ug/L	100
44) Toluene	10.38	91	15902	1.191	ug/L	97
53) Ethylbenzene	11.73	91	7660	0.510	ug/L	85
57) Isopropylbenzene	12.46	105	9894	0.664	ug/L	98

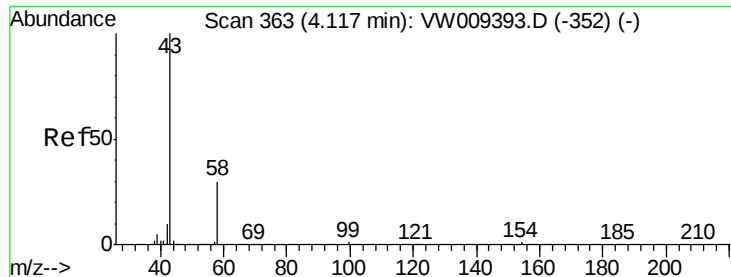
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.619 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

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MSVOA_W

ClientSampleId :

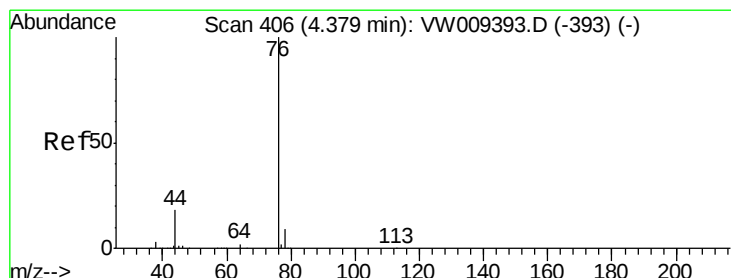
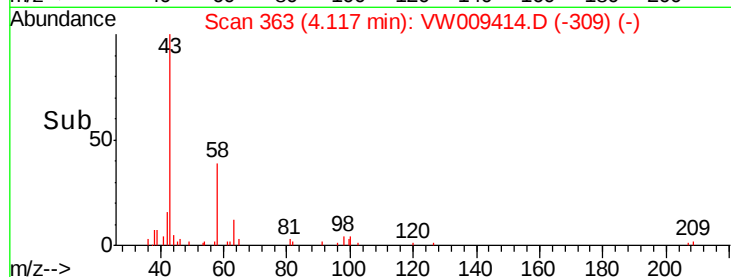
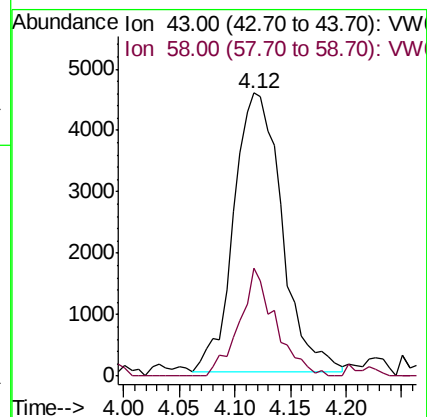
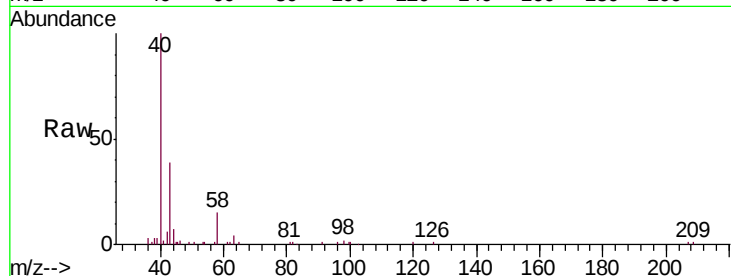
BF5W1RE

Tgt Ion: 43 Resp: 13677

Ion Ratio Lower Upper

43 100

58 29.1 0.0 56.2



#14

Carbon disulfide

Concen: 10.376 ug/L

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW009414.D

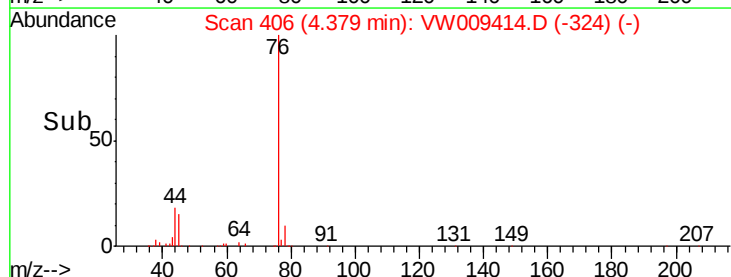
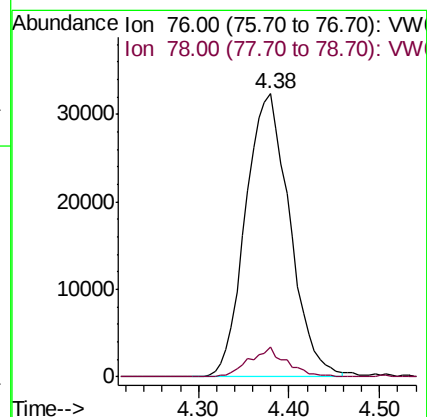
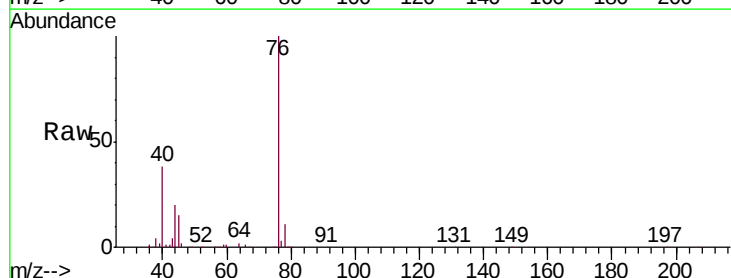
Acq: 24 Mar 2019 02:38

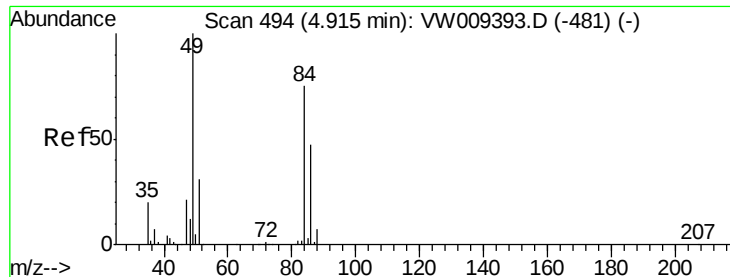
Tgt Ion: 76 Resp: 109284

Ion Ratio Lower Upper

76 100

78 10.6 7.3 10.9

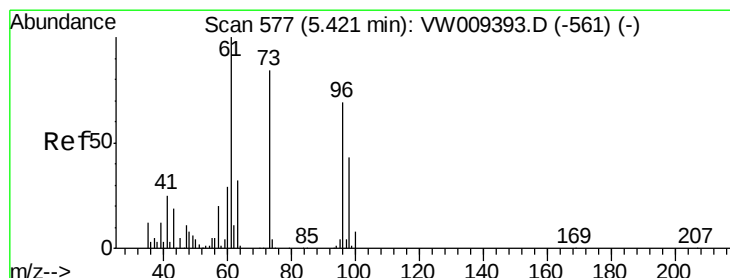
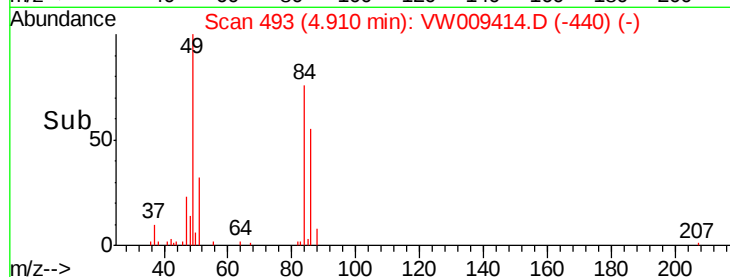
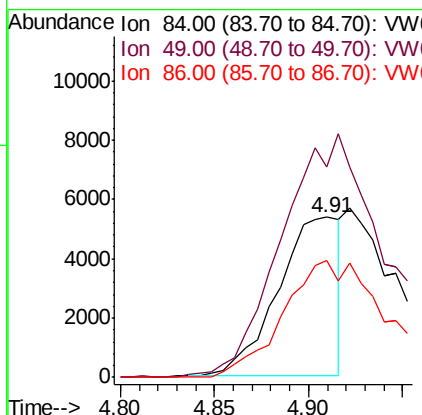
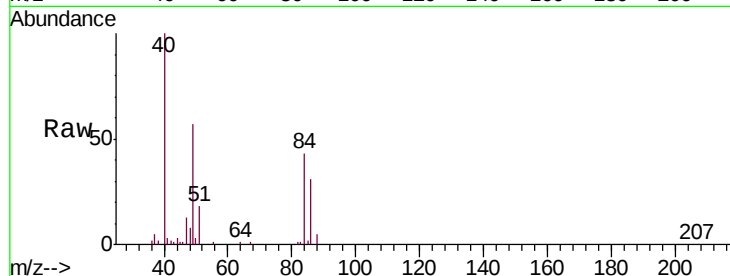




#16
Methylene chloride
Concen: 2.622 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009414.D
Acq: 24 Mar 2019 02:38

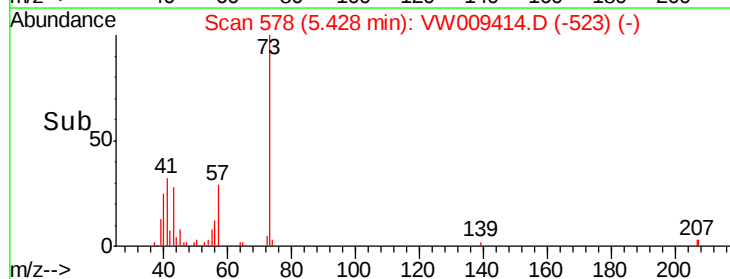
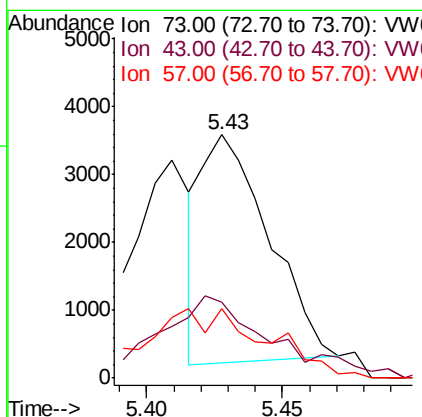
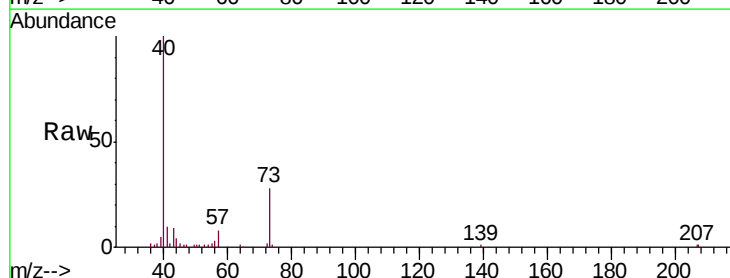
Instrument :
MSVOA_W
ClientSampled :
BF5W1RE

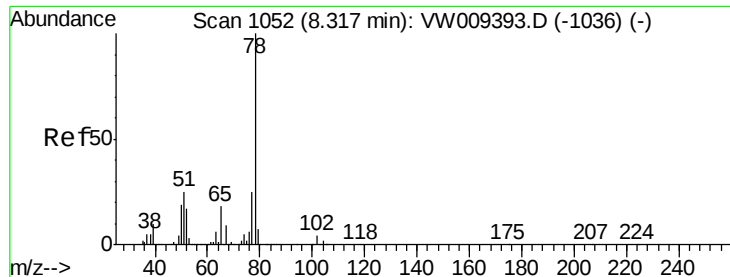
Tgt Ion: 84 Resp: 12153
Ion Ratio Lower Upper
84 100
49 131.7 96.0 178.2
86 72.7 44.4 82.5



#17
Methyl tert-butyl Ether
Concen: 1.038 ug/L
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: 5747
Ion Ratio Lower Upper
73 100
43 52.5 18.2 27.4#
57 20.2 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

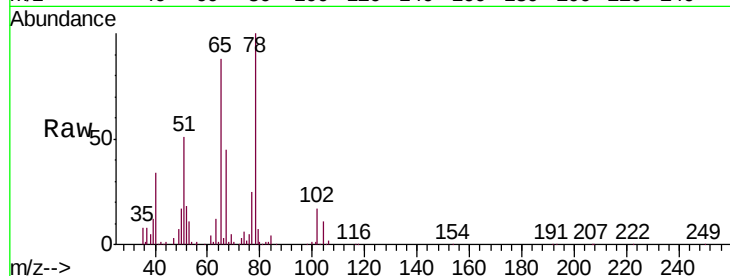
Instrument :

MSVOA_W

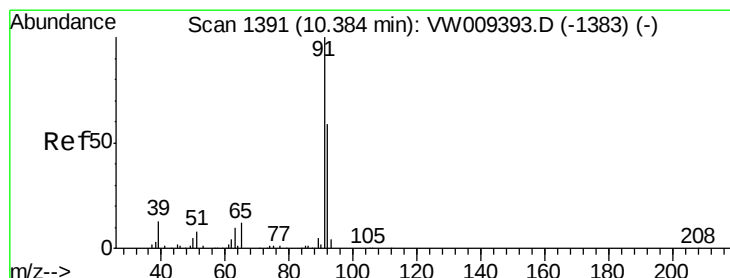
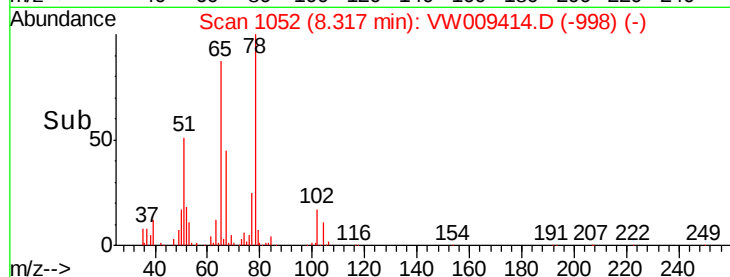
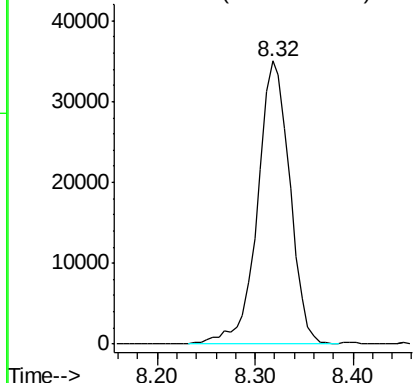
ClientSampleId :

BF5W1RE

Tgt Ion: 78 Resp: 80096



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

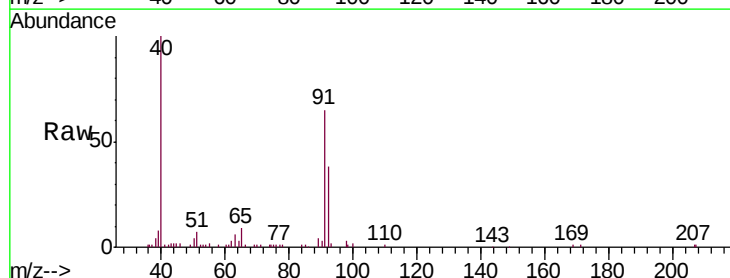
Acq: 24 Mar 2019 02:38

Tgt Ion: 91 Resp: 15902

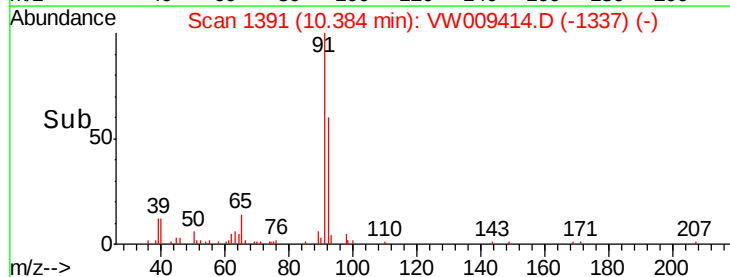
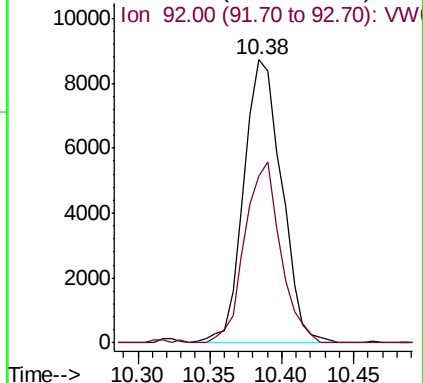
Ion Ratio Lower Upper

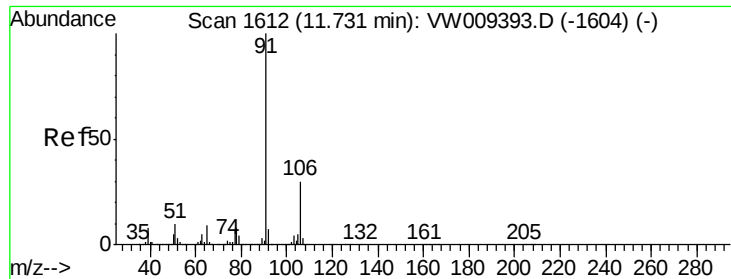
91 100

92 59.1 39.8 73.8



Abundance Ion 91.00 (90.70 to 91.70): VW

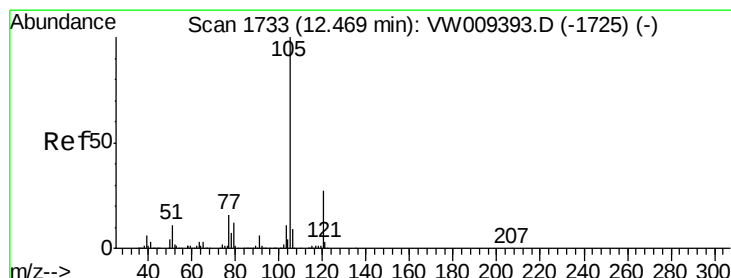
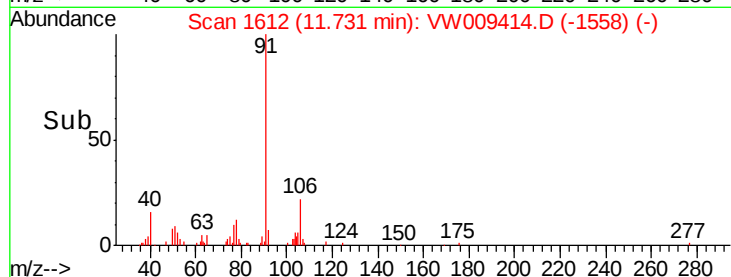
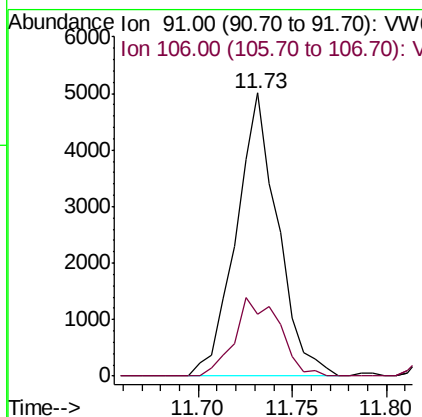
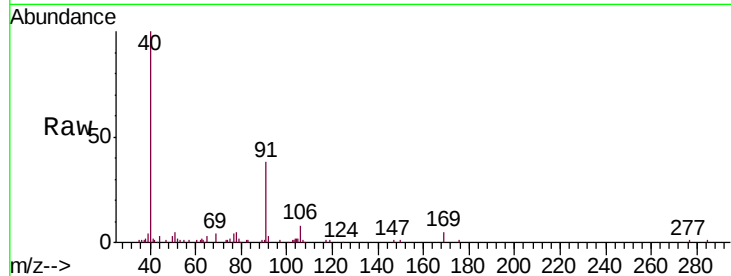




#53
Ethylbenzene
Concen: 0.510 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW009414.D
Acq: 24 Mar 2019 02:38

Instrument :
MSVOA_W
ClientSampleId :
BF5W1RE

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



#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

