

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

Quant Time: Mar 23 02:14:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 01:25:26 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

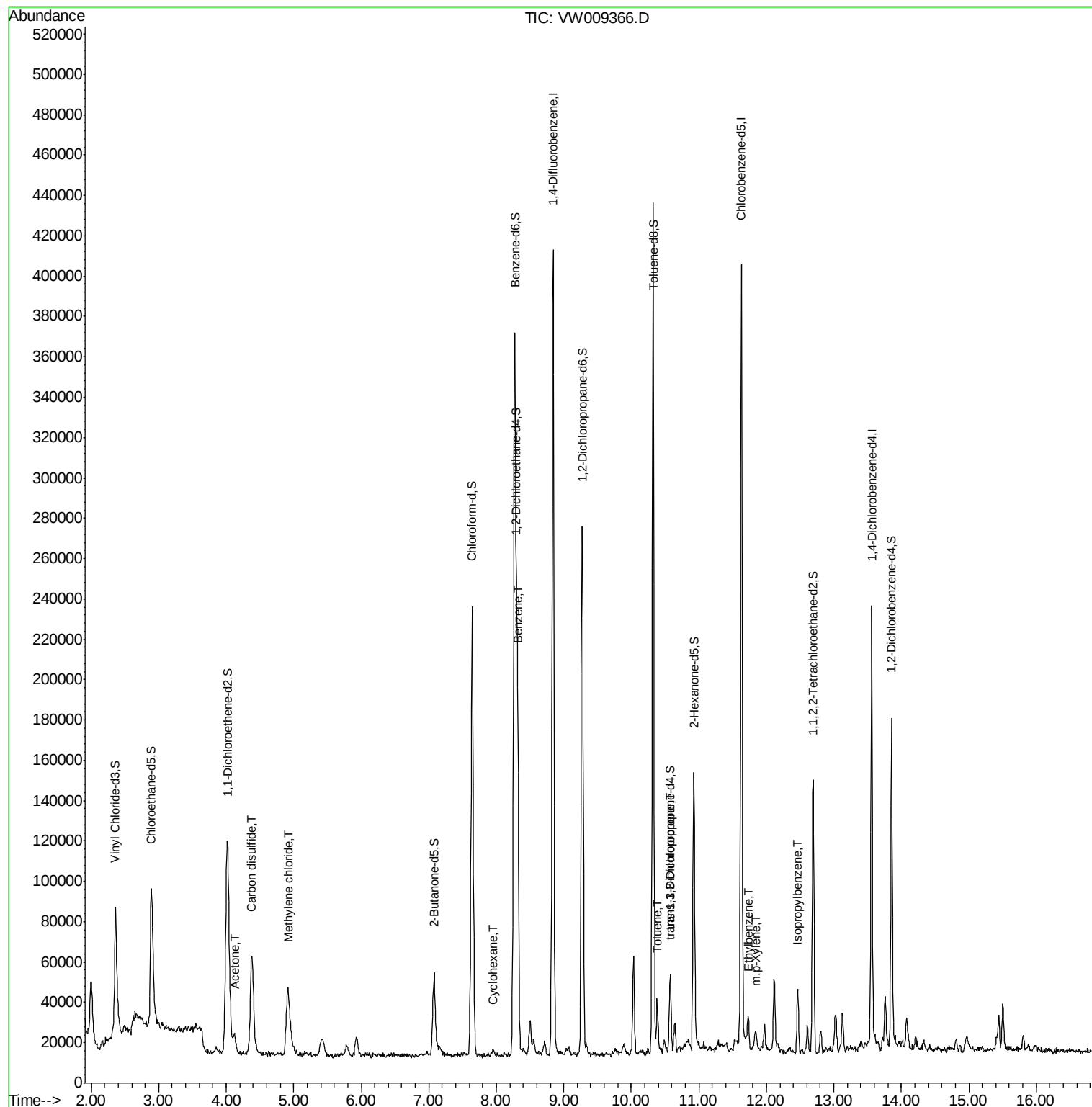
					Qvalue
13) Acetone	4.12	43	12409	9.828 ug/L	94
14) Carbon disulfide	4.38	76	111708	10.819 ug/L	99
16) Methylene chloride	4.91	84	27883	6.137 ug/L	95
30) Cyclohexane	7.95	56	1420	0.297 ug/L #	80
34) Benzene	8.32	78	77855	6.759 ug/L	100
44) Toluene	10.38	91	17577	1.396 ug/L	86
45) trans-1,3-Dichloropropene	10.57	75	1177	0.281 ug/L	83
53) Ethylbenzene	11.74	91	9224	0.651 ug/L	92
54) m,p-Xylene	11.83	106	1647	0.306 ug/L	79
57) Isopropylbenzene	12.46	105	16768	1.193 ug/L	98

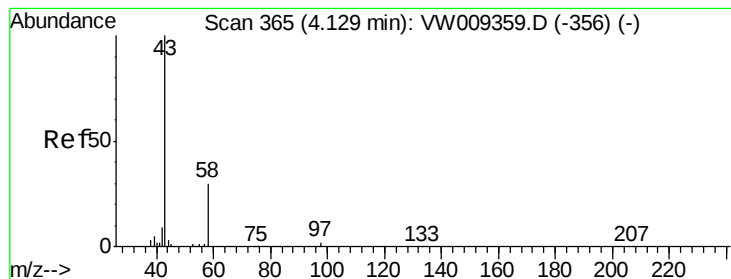
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 23 01:25:26 2019
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 :

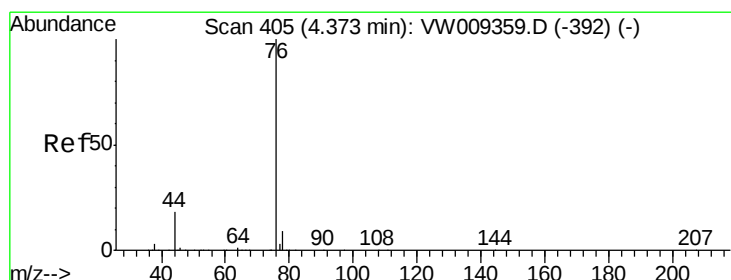
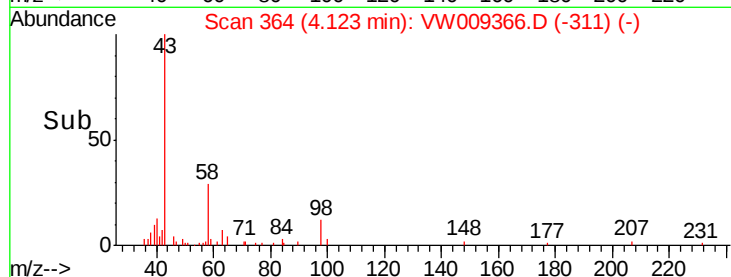
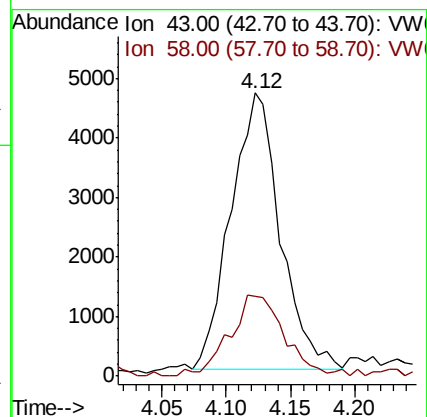
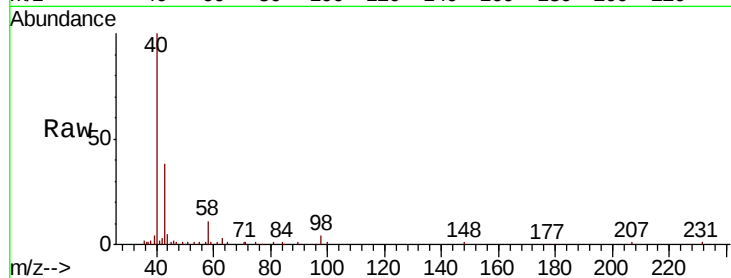
BF5W1

Tgt Ion: 43 Resp: 12409

Ion Ratio Lower Upper

43 100

58 31.1 0.0 56.2



#14

Carbon disulfide

Concen: 10.819 ug/L

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW009366.D

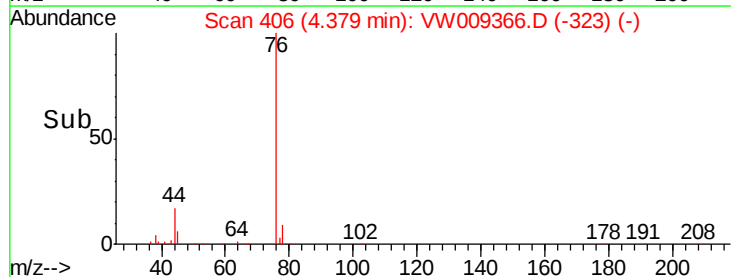
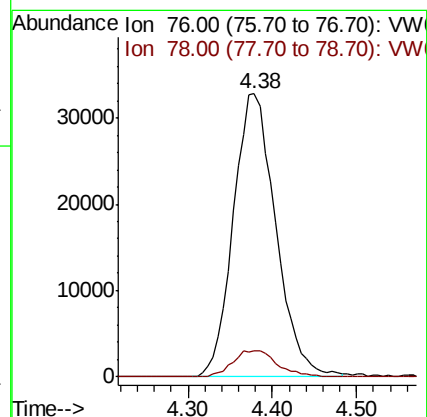
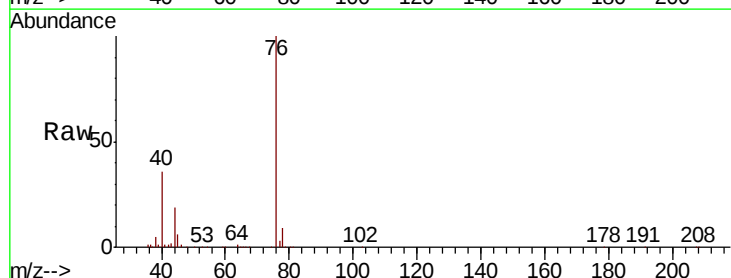
Acq: 23 Mar 2019 01:38

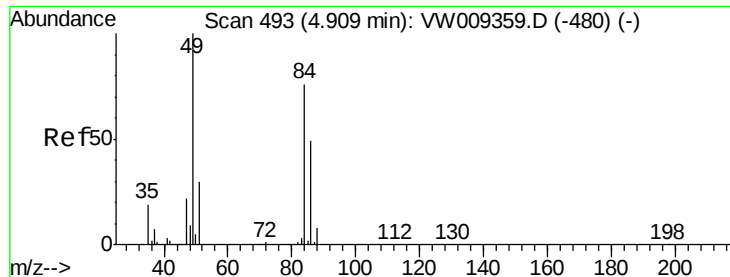
Tgt Ion: 76 Resp: 111708

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9

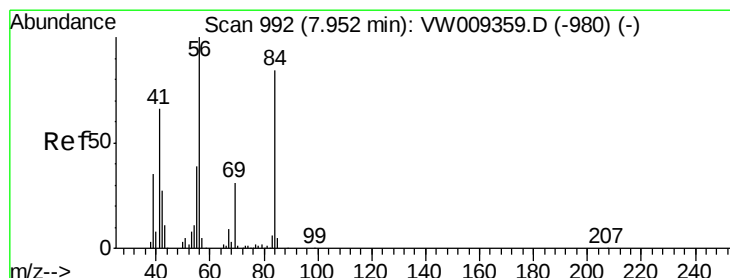
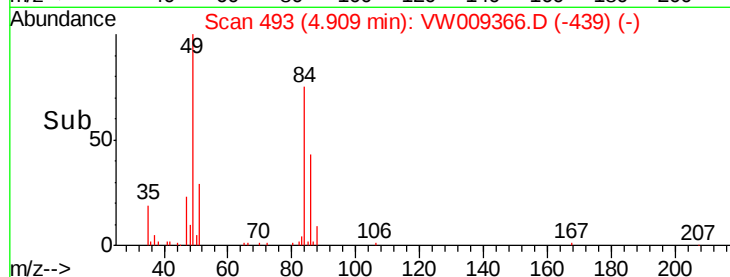
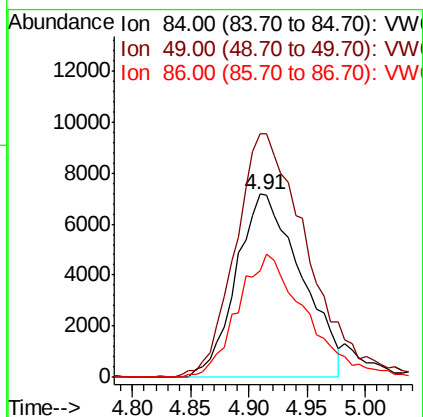
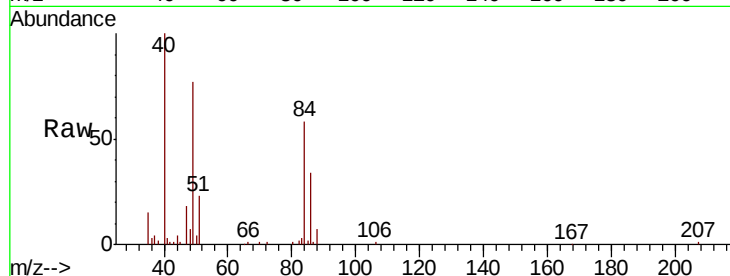




#16
Methylene chloride
Concen: 6.137 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW009366.D
Acq: 23 Mar 2019 01:38

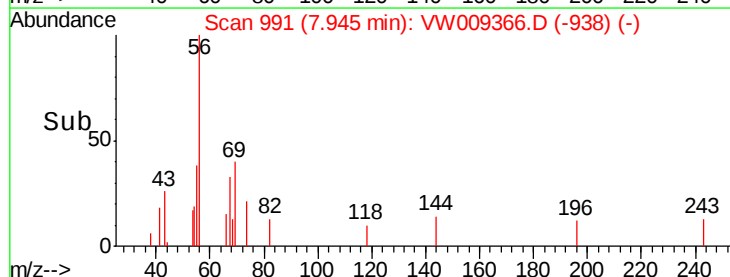
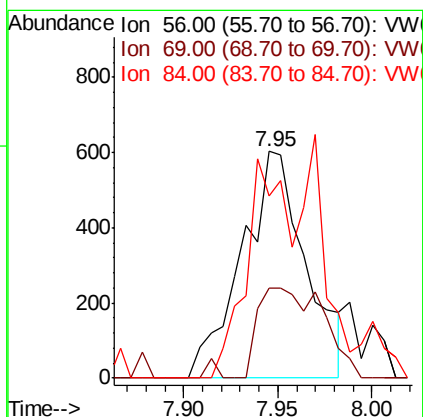
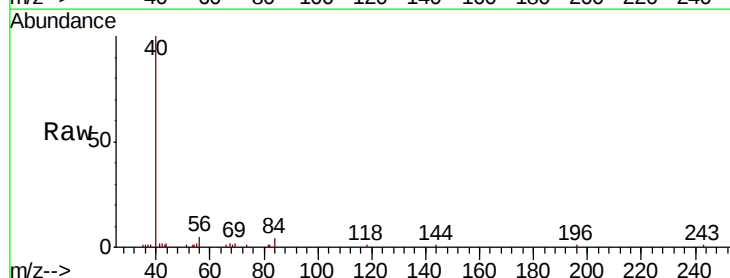
Instrument :
MSVOA_W
ClientSampled :
BF5W1

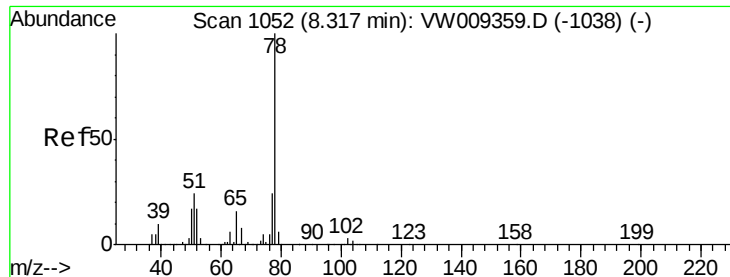
Tgt Ion: 84 Resp: 27883
Ion Ratio Lower Upper
84 100
49 133.0 96.0 178.2
86 57.9 44.4 82.5



#30
Cyclohexane
Concen: 0.297 ug/L
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW009366.D
Acq: 23 Mar 2019 01:38

Tgt Ion: 56 Resp: 1420
Ion Ratio Lower Upper
56 100
69 27.5 24.0 36.0
84 62.7 69.2 103.8#





#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

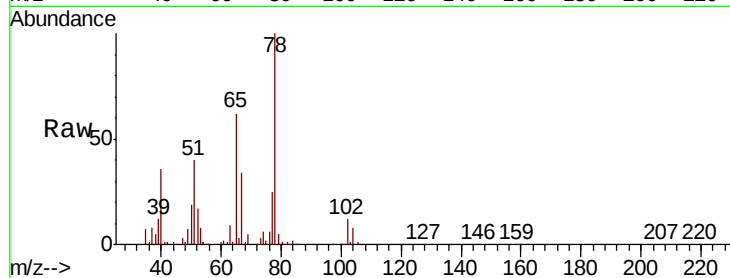
Instrument :

MSVOA_W

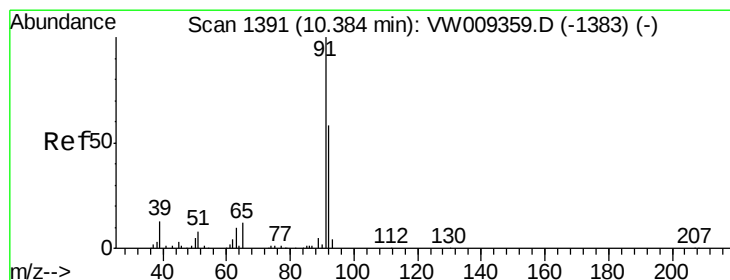
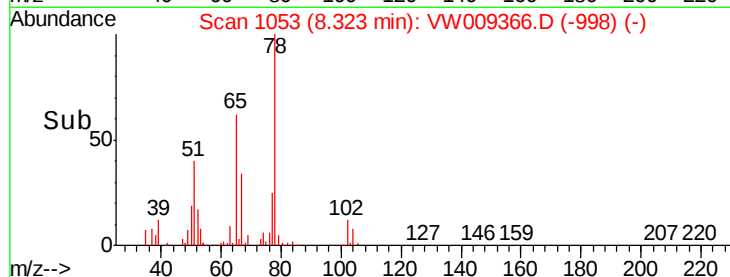
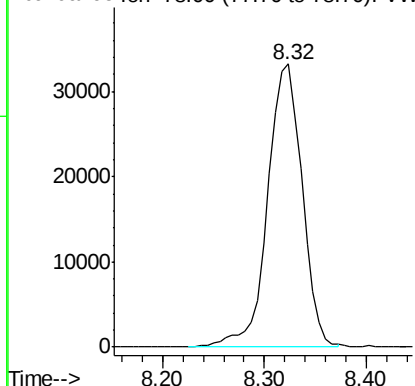
ClientSampleId :

BF5W1

Tgt Ion: 78 Resp: 77855



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

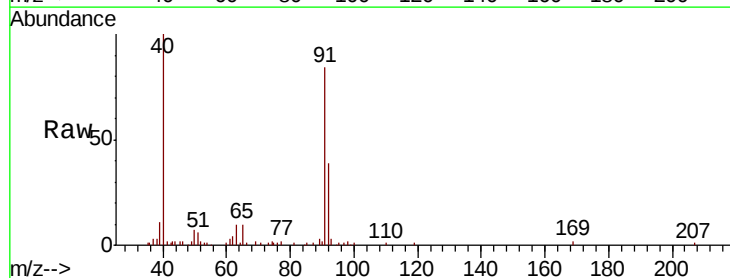
Acq: 23 Mar 2019 01:38

Tgt Ion: 91 Resp: 17577

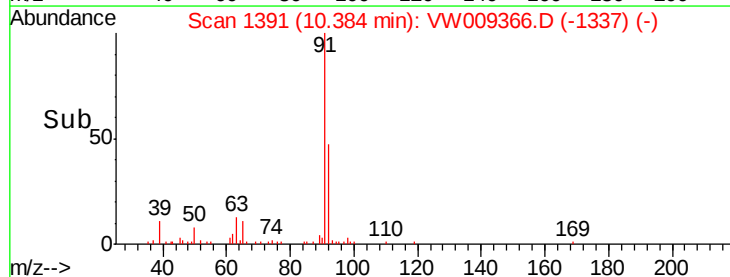
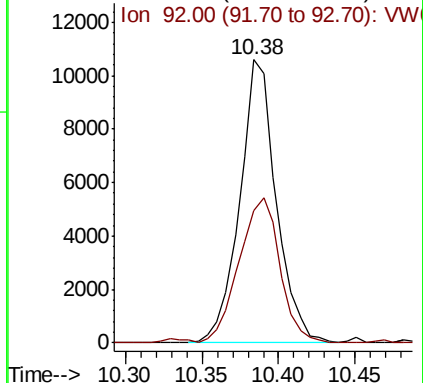
Ion Ratio Lower Upper

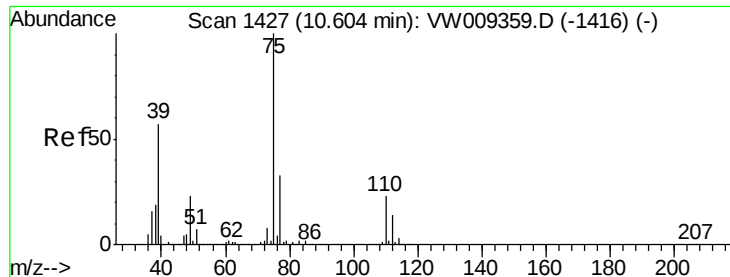
91 100

92 46.7 39.8 73.8



Abundance Ion 91.00 (90.70 to 91.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.281 ug/L

RT: 10.57 min Scan# 1421

Delta R.T. -0.04 min

Lab File: VW009366.D

Acq: 23 Mar 2019 01:38

Instrument :

MSVOA_W

ClientSampleId :

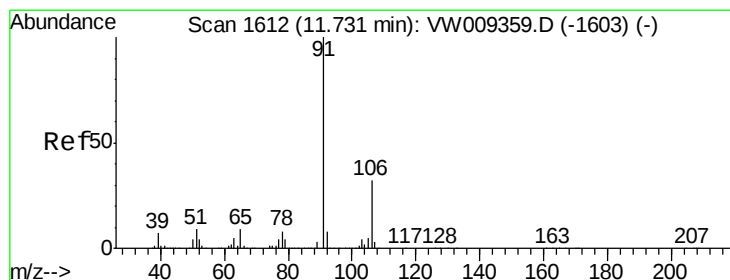
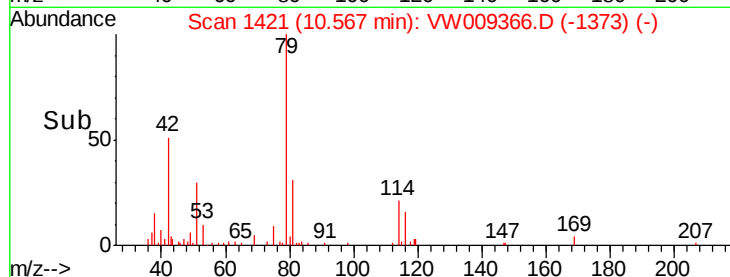
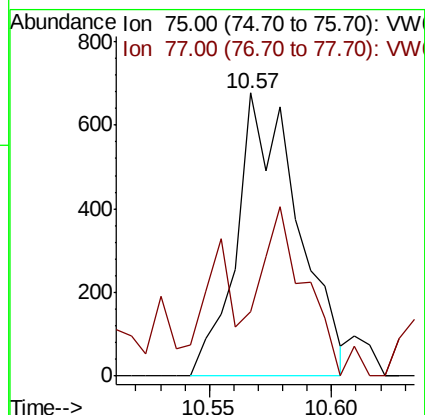
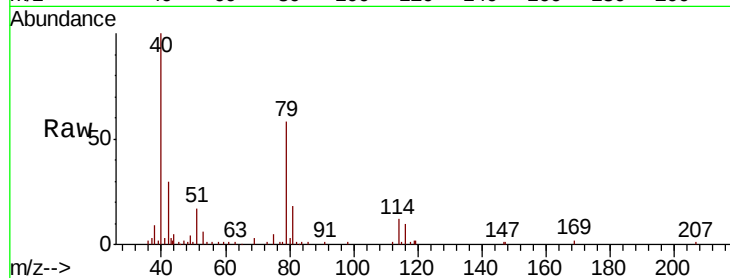
BF5W1

Tgt Ion: 75 Resp: 1177

Ion Ratio Lower Upper

75 100

77 22.6 22.5 41.7



#53

Ethylbenzene

Concen: 0.651 ug/L

RT: 11.74 min Scan# 1613

Delta R.T. 0.01 min

Lab File: VW009366.D

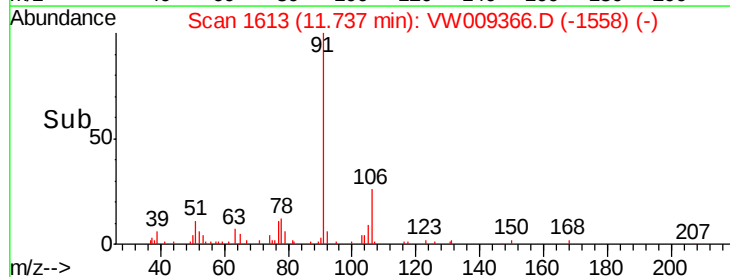
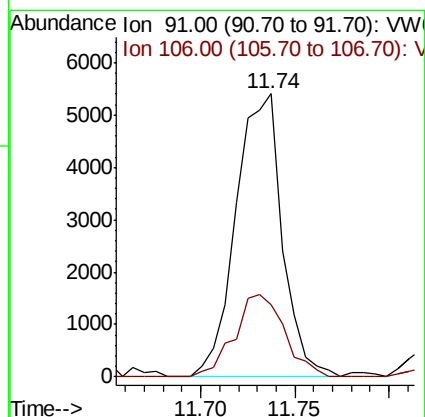
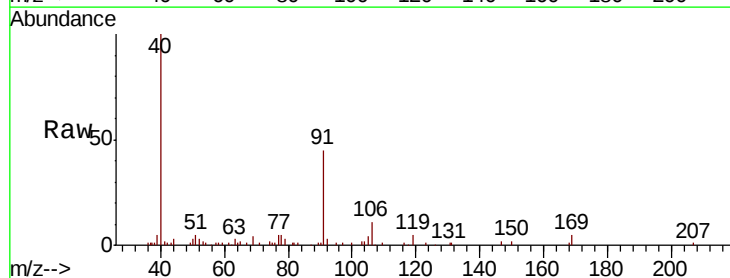
Acq: 23 Mar 2019 01:38

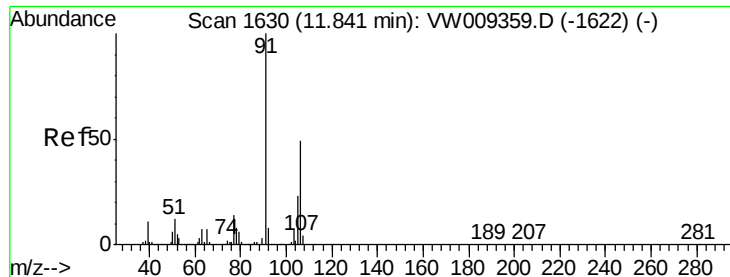
Tgt Ion: 91 Resp: 9224

Ion Ratio Lower Upper

91 100

106 25.7 21.0 39.0





#54

m,p-Xylene

Concen: 0.306 ug/L

RT: 11.83 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW009366.D

Acq: 23 Mar 2019 01:38

Instrument :

MSVOA_W

ClientSampleId :

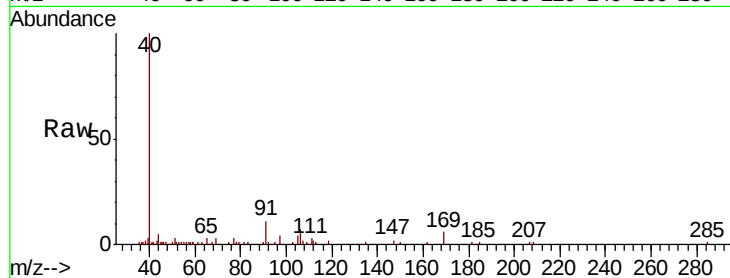
BF5W1

Tgt Ion:106 Resp: 1647

Ion Ratio Lower Upper

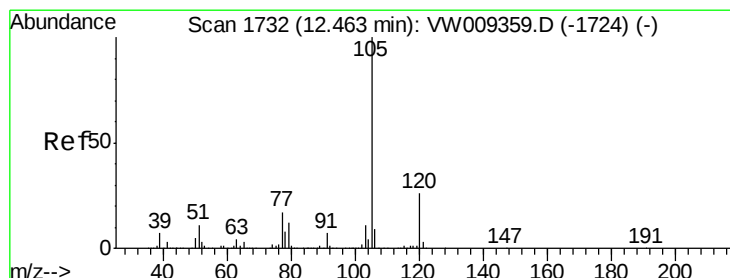
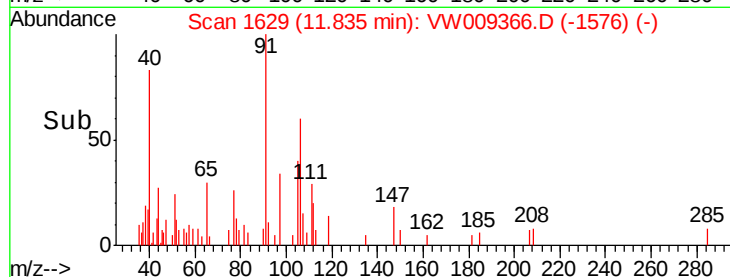
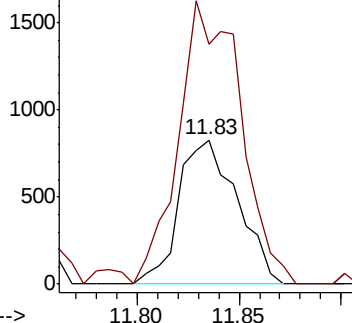
106 100

91 165.6 138.4 257.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#57

Isopropylbenzene

Concen: 1.193 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW009366.D

Acq: 23 Mar 2019 01:38

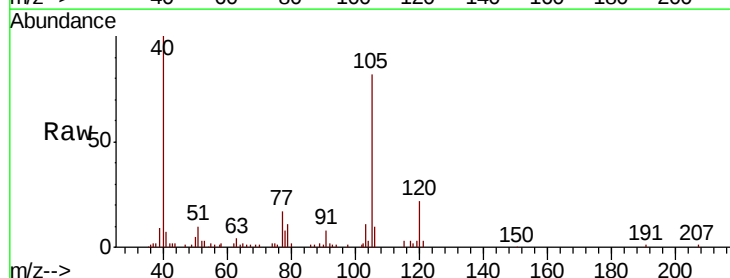
Tgt Ion:105 Resp: 16768

Ion Ratio Lower Upper

105 100

120 27.2 21.3 31.9

77 17.7 13.1 19.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VW

