

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011420\
 Data File : VW014628.D
 Acq On : 14 Jan 2020 13:03
 Operator : SY/VA
 Sample : L1109-02
 Misc : 5.05G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 15 01:51:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 15 01:48:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	852140	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	702873	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	237421	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	311528	25.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.72%
7) Chloroethane-d5	2.89	69	247486	27.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.84%
10) 1,1-Dichloroethene-d2	4.01	63	438384	19.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.80%
20) 2-Butanone-d5	7.07	46	124863	43.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.36%
24) Chloroform-d	7.65	84	505959	25.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.24%
26) 1,2-Dichloroethane-d4	8.30	65	254309	25.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.00%
29) Benzene-d6	8.27	84	1112850	29.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	119.08%
33) 1,2-Dichloropropane-d6	9.27	67	325046	28.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.68%
37) Toluene-d8	10.32	98	958692	28.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.16%
38) trans-1,3-Dichloropropene-	10.57	79	118761	25.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.36%
39) 2-Hexanone-d5	10.92	63	88997	46.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	202367	23.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	218072	27.88	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.52%

Target Compounds

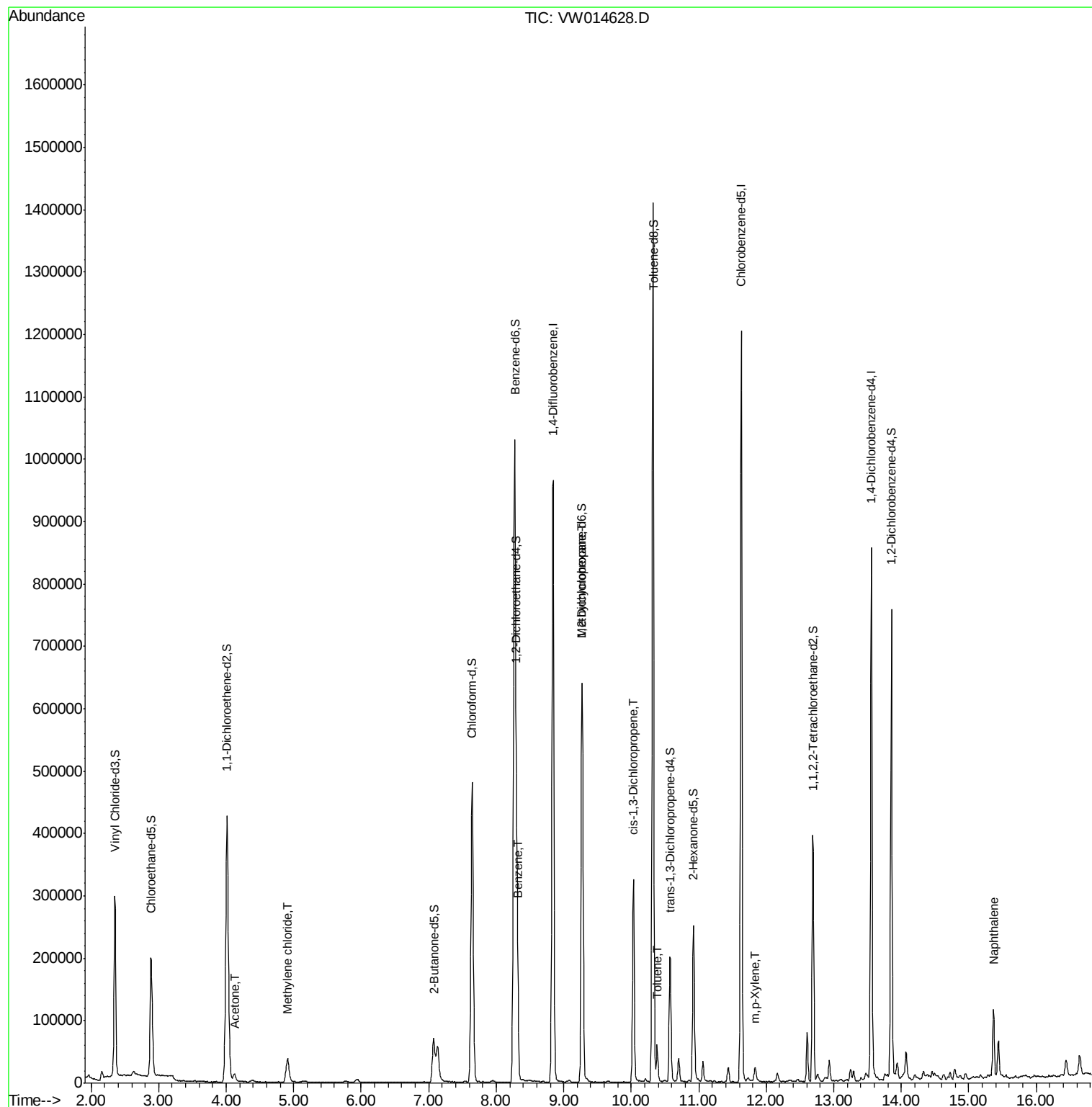
					Ovalue
13) Acetone	4.12	43	22740	5.746 ug/L	99
16) Methylene chloride	4.91	84	29327	2.111 ug/L	96
34) Benzene	8.32	78	26093	0.617 ug/L	100
36) Methylcyclohexane	9.27	83	75542	3.944 ug/L #	18
42) cis-1,3-Dichloropropene	10.03	75	7399	0.463 ug/L #	56
44) Toluene	10.39	91	43708	0.989 ug/L	98
54) m,p-Xylene	11.84	106	6288	0.342 ug/L	79
69) Naphthalene	15.36	128	96191	6.675 ug/L	99

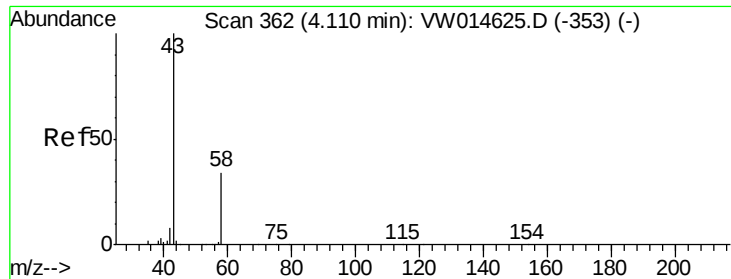
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011420\
Data File : VW014628.D
Acq On : 14 Jan 2020 13:03
Operator : SY/VA
Sample : L1109-02
Misc : 5.05G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jan 15 01:51:09 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis
QLast Update : Wed Jan 15 01:48:42 2020
Response via : Initial Calibration





#13

Acetone

Concen: 5.746 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.01 min

Lab File: VW014628.D

Acq: 14 Jan 2020 13:03

Instrument :

MSVOA_W

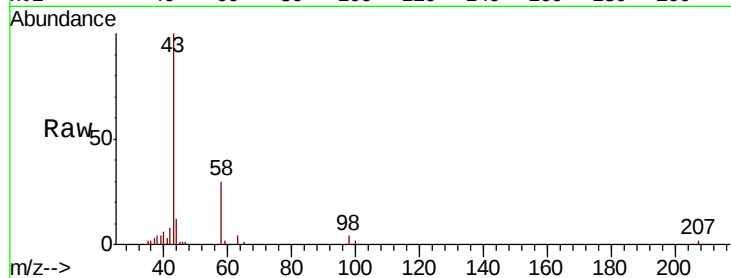
ClientSampled :

Tot Ion: 43 Resp: 22740

Ion Ratio Lower Upper

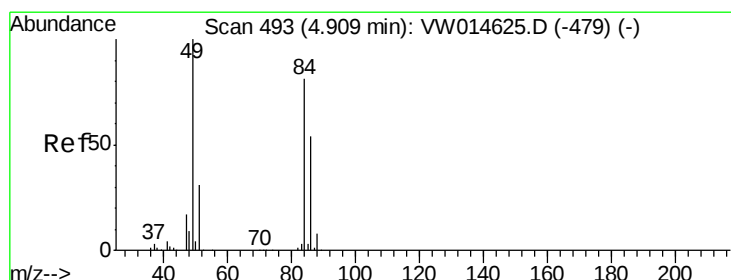
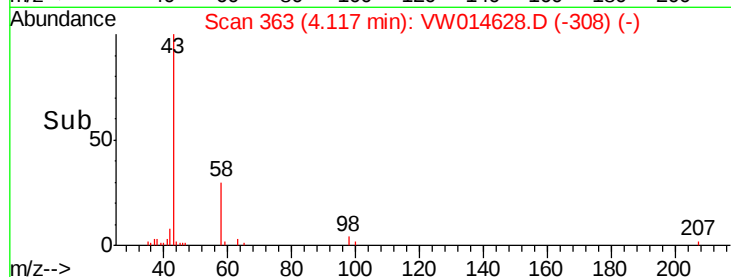
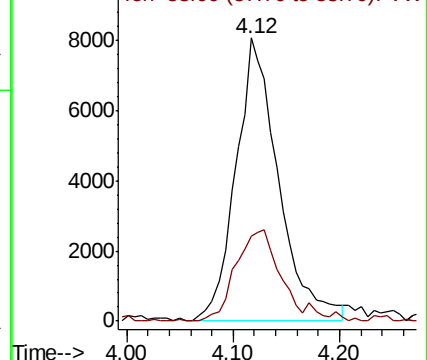
43 100

58 32.6 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.111 ug/L

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW014628.D

Acq: 14 Jan 2020 13:03

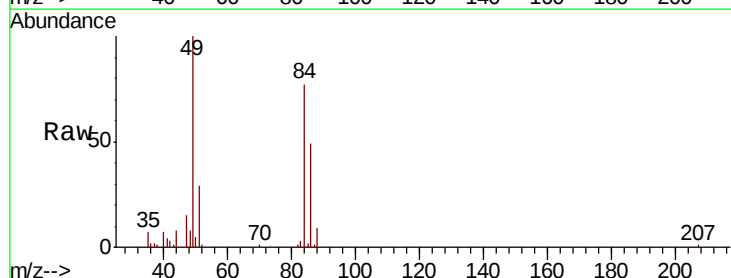
Tgt Ion: 84 Resp: 29327

Ion Ratio Lower Upper

84 100

49 130.0 85.8 159.4

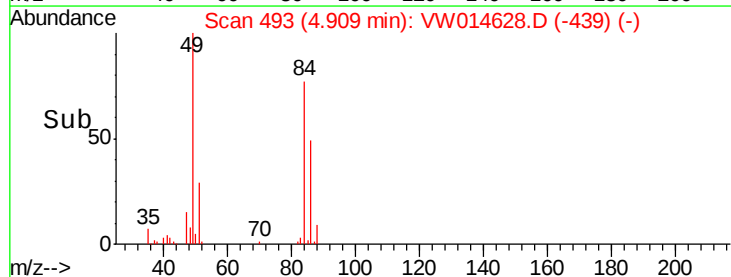
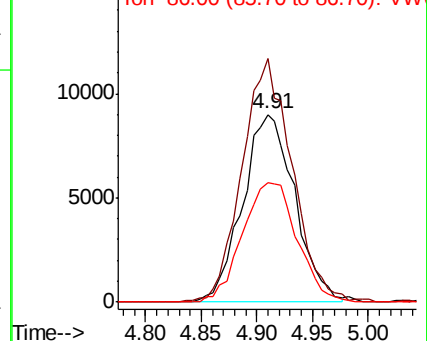
86 63.9 44.5 82.7

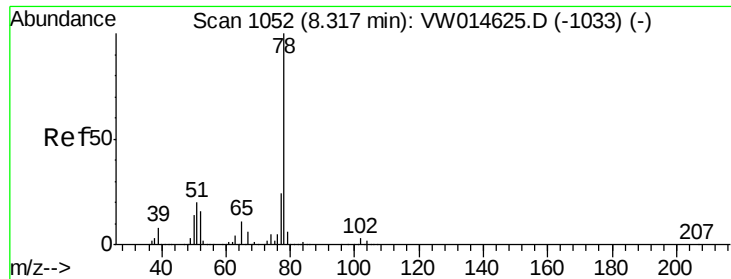


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#34

Benzene

Concen: 0.617 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VW014628.D

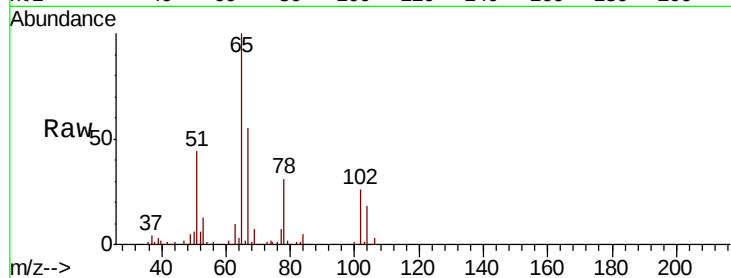
Acq: 14 Jan 2020 13:03

Instrument :

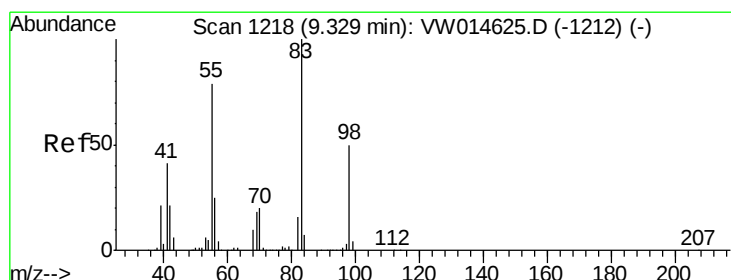
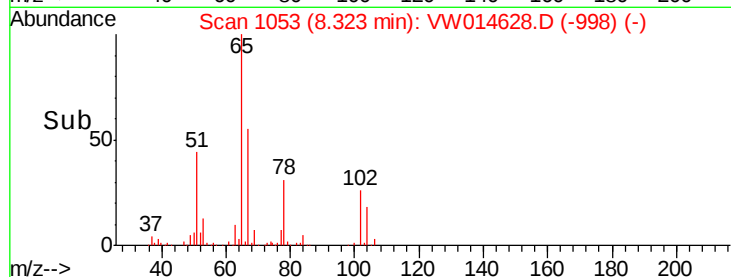
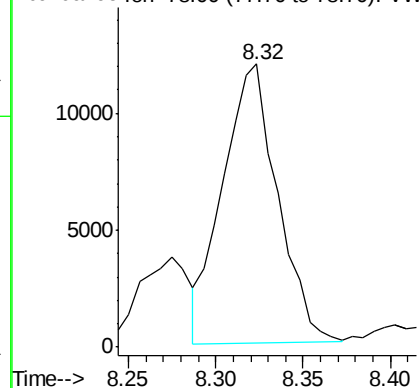
MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 26093



Abundance Ion 78.00 (77.70 to 78.70): VW



#36

Methylcyclohexane

Concen: 3.944 ug/L

RT: 9.27 min Scan# 1208

Delta R.T. -0.06 min

Lab File: VW014628.D

Acq: 14 Jan 2020 13:03

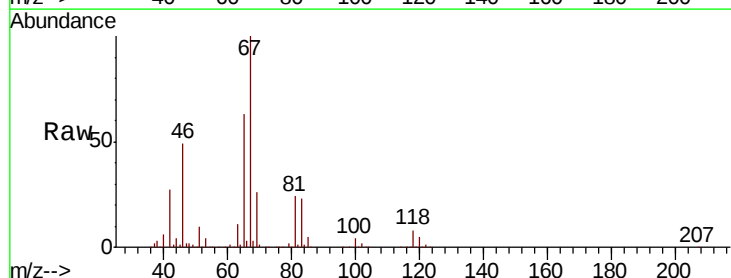
Tgt Ion: 83 Resp: 75542

Ion Ratio Lower Upper

83 100

55 0.5 63.7 95.5#

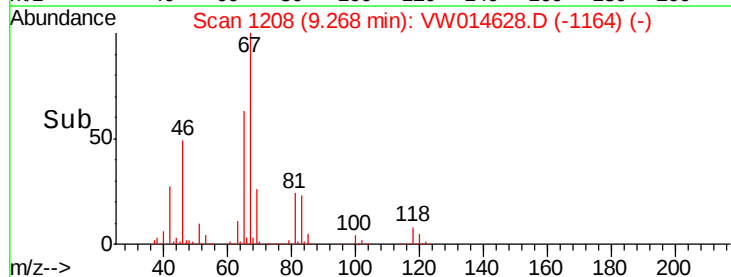
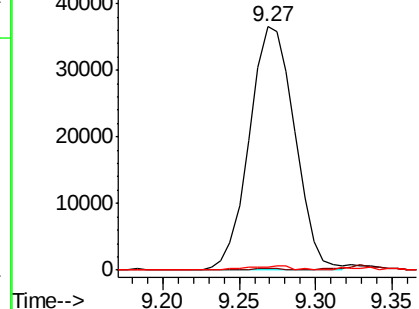
98 1.7 39.4 59.2#

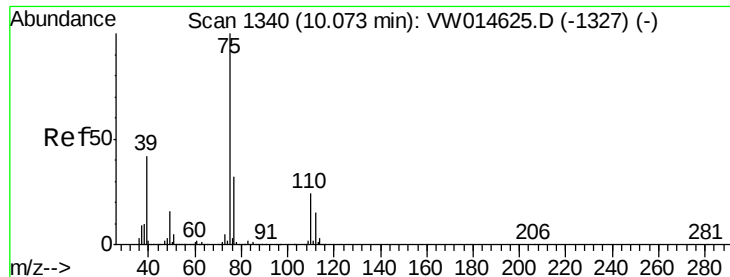


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.463 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW014628.D

Acq: 14 Jan 2020 13:03

Instrument :

MSVOA_W

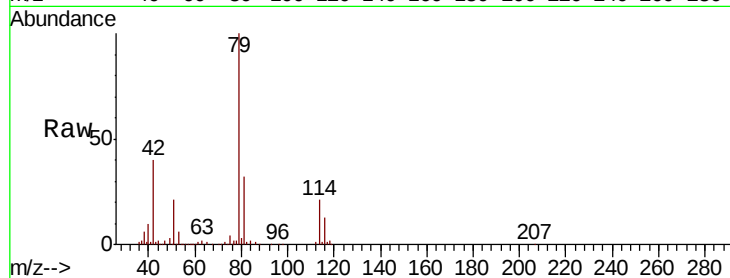
ClientSampled :

Tot Ion: 75 Resp: 7399

Ion Ratio Lower Upper

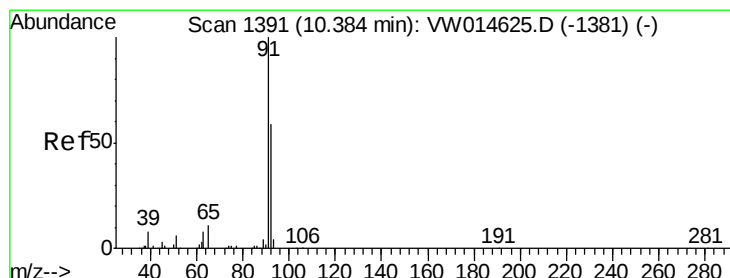
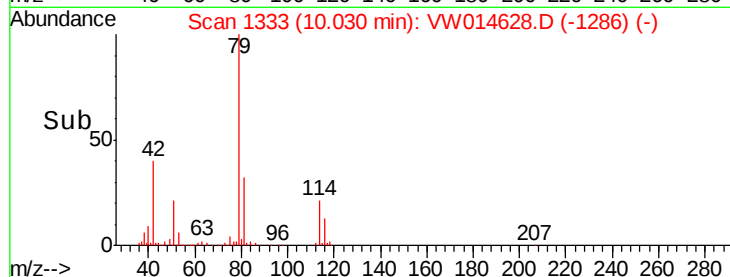
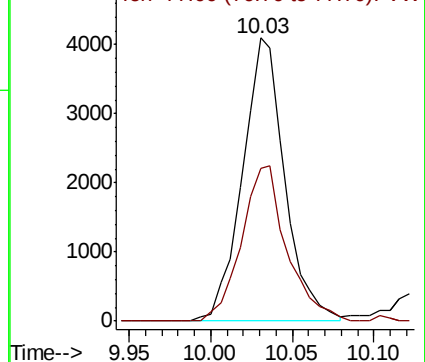
75 100

77 54.0 21.0 39.0#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#44

Toluene

Concen: 0.989 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW014628.D

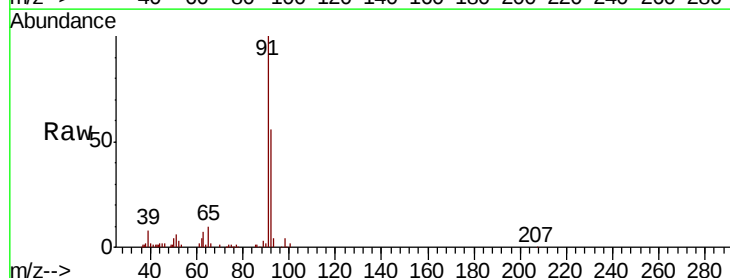
Acq: 14 Jan 2020 13:03

Tgt Ion: 91 Resp: 43708

Ion Ratio Lower Upper

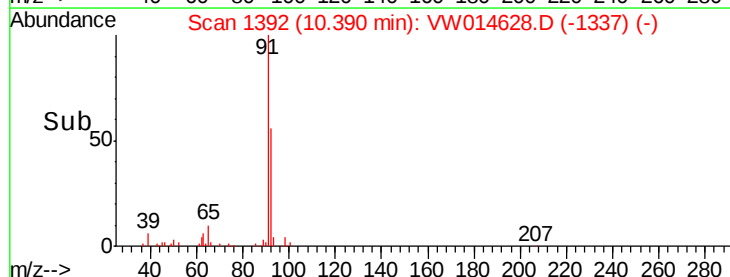
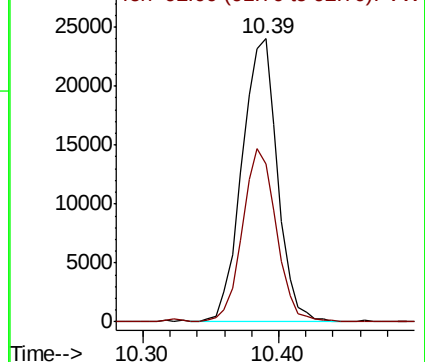
91 100

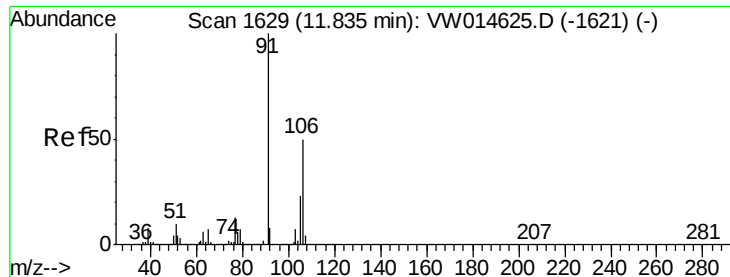
92 55.6 40.2 74.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW





#54

m,p-Xylene

Concen: 0.342 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. 0.01 min

Lab File: VW014628.D

Acq: 14 Jan 2020 13:03

Instrument :

MSVOA_W

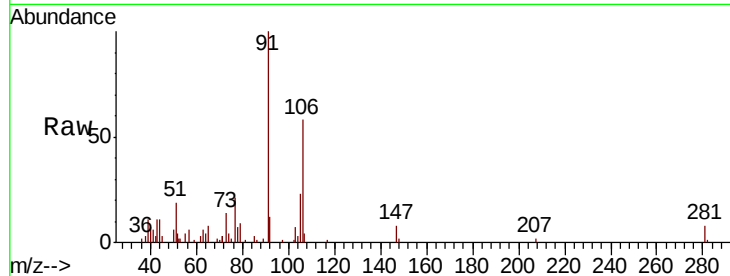
ClientSampled :

Tot Ion:106 Resp: 6288

Ion Ratio Lower Upper

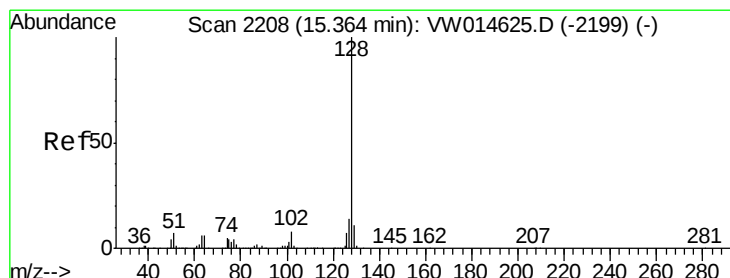
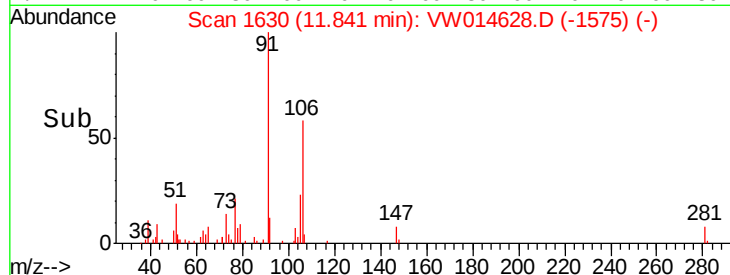
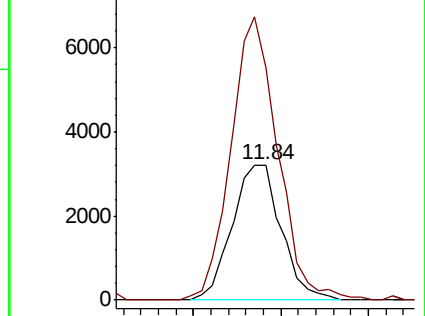
106 100

91 171.3 142.2 264.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV



#69

Naphthalene

Concen: 6.675 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW014628.D

Acq: 14 Jan 2020 13:03

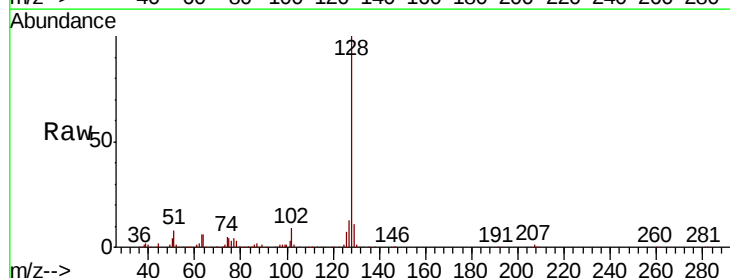
Tgt Ion:128 Resp: 96191

Ion Ratio Lower Upper

128 100

129 10.5 8.8 13.2

127 13.4 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

