

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111820\
 Data File : VW017342.D
 Acq On : 18 Nov 2020 21:02
 Operator : SY/VA
 Sample : L4738-17RE
 Misc : 5.97G/10ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Nov 19 06:07:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 19 05:03:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	375847	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	292929	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	83387	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	129487	23.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.08%
7) Chloroethane-d5	2.89	69	102452	23.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.72%
10) 1,1-Dichloroethene-d2	4.03	63	159131	16.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.40%
20) 2-Butanone-d5	7.08	46	59518	65.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.26%
24) Chloroform-d	7.65	84	226800	22.97	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.88%
26) 1,2-Dichloroethane-d4	8.30	65	130010	27.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.00%
29) Benzene-d6	8.27	84	444848	26.94	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.76%
33) 1,2-Dichloropropane-d6	9.28	67	127266	28.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.72%
37) Toluene-d8	10.33	98	380301	24.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.84%
38) trans-1,3-Dichloropropene-	10.58	79	55315	28.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	115.52%
39) 2-Hexanone-d5	10.93	63	50164	85.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	170.08%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	113055	33.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	135.64%#
61) 1,2-Dichlorobenzene-d4	13.85	152	76666	24.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.64%

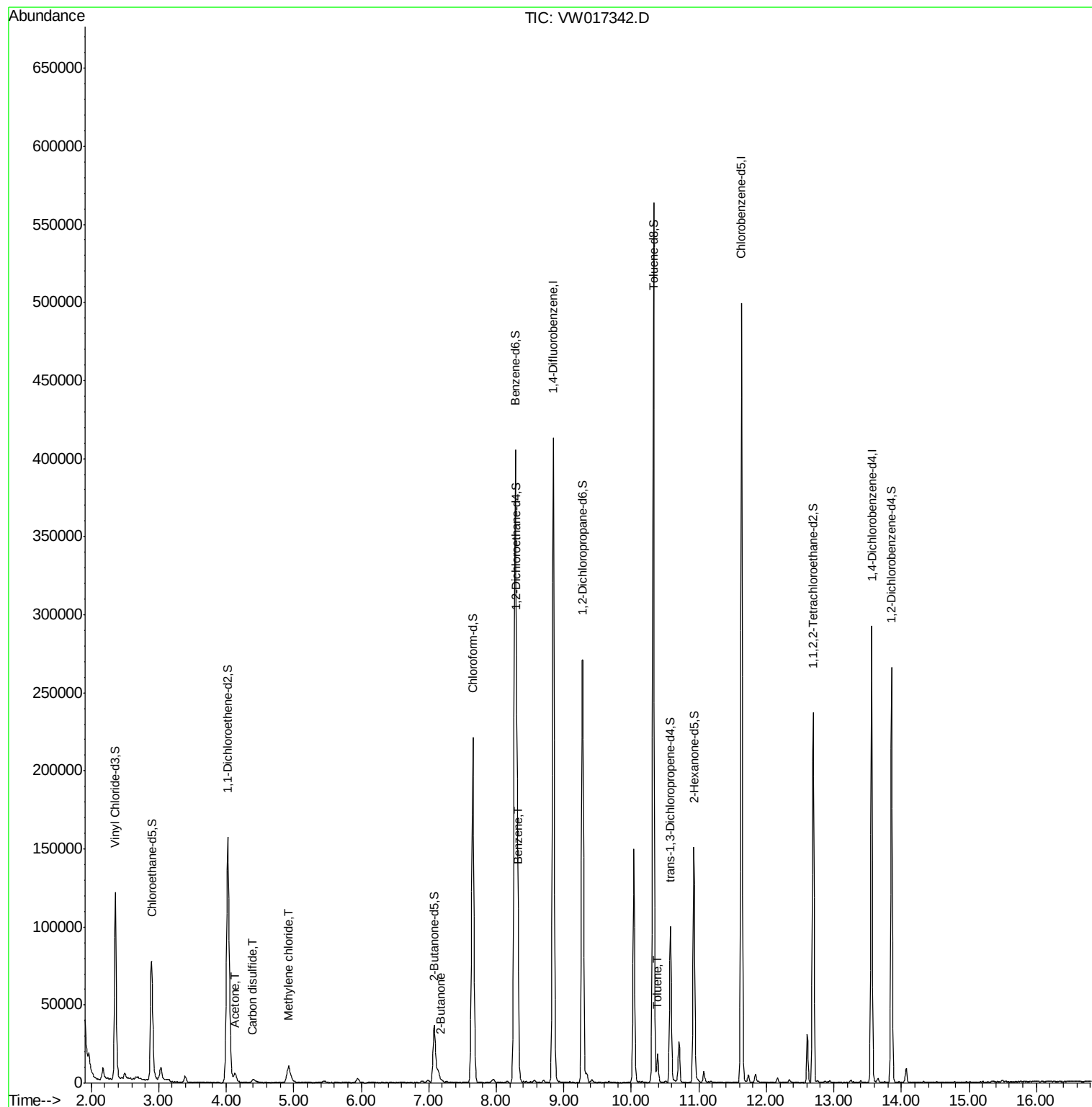
Target Compounds

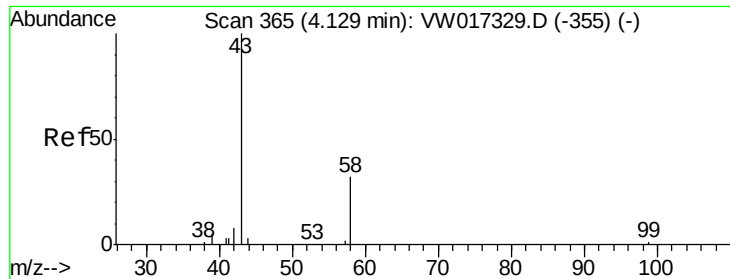
					Ovalue
13) Acetone	4.13	43	9908	14.861	ug/L 66
14) Carbon disulfide	4.39	76	3120	0.215	ug/L 95
16) Methylene chloride	4.92	84	9376	1.458	ug/L 93
21) 2-Butanone	7.18	43	1296m	1.268	ug/L
34) Benzene	8.33	78	8120	0.491	ug/L 100
44) Toluene	10.39	91	13168	0.717	ug/L 100

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

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#13

Acetone

Concen: 14.861 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW017342.D

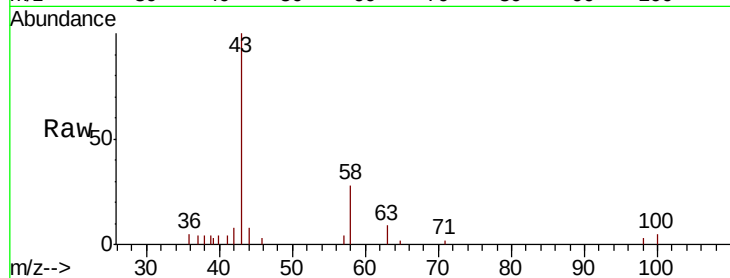
Acq: 18 Nov 2020 21:02

Tot Ion: 43 Resp: 9908

Ion Ratio Lower Upper

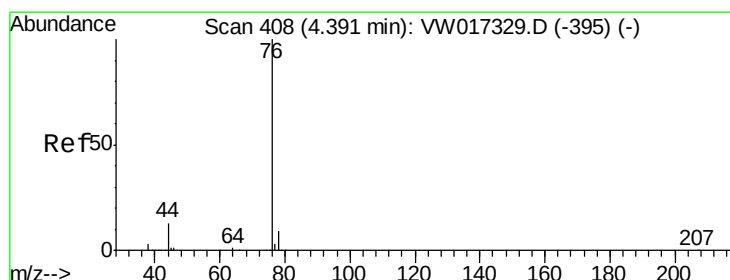
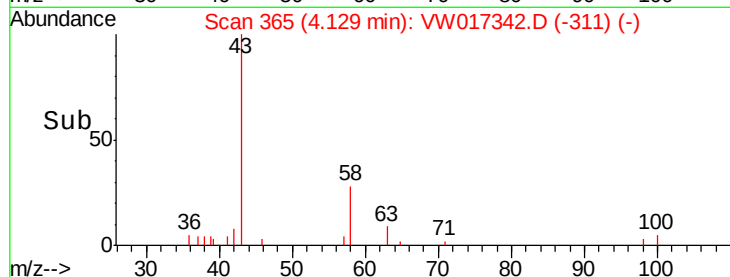
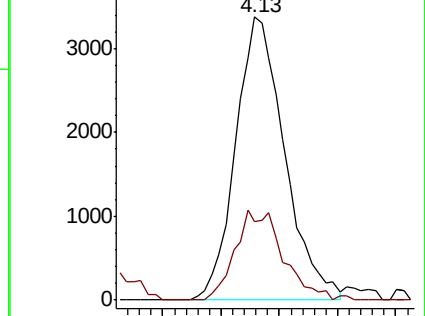
43 100

58 14.3 0.0 67.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.215 ug/L

RT: 4.39 min Scan# 408

Delta R.T. -0.00 min

Lab File: VW017342.D

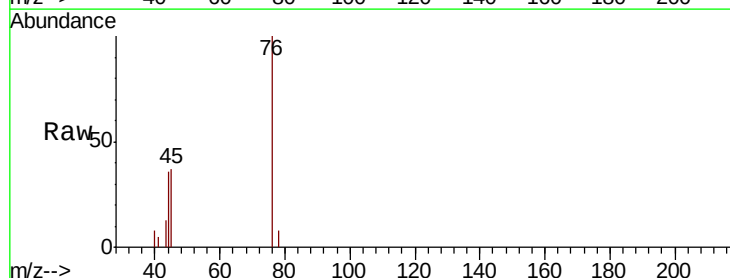
Acq: 18 Nov 2020 21:02

Tgt Ion: 76 Resp: 3120

Ion Ratio Lower Upper

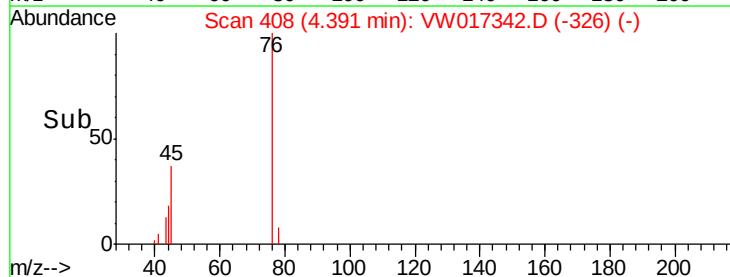
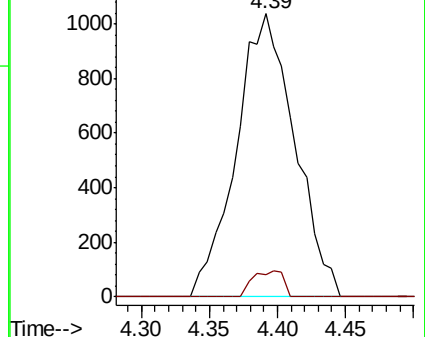
76 100

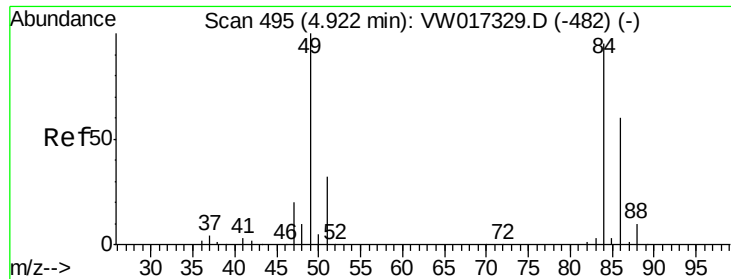
78 7.9 7.8 11.6



Abundance Ion 76.00 (75.70 to 76.70): VW

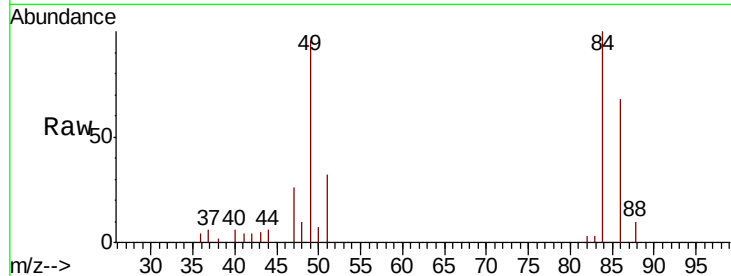
Ion 78.00 (77.70 to 78.70): VW



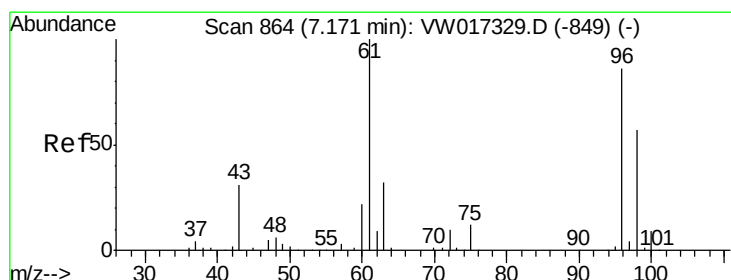
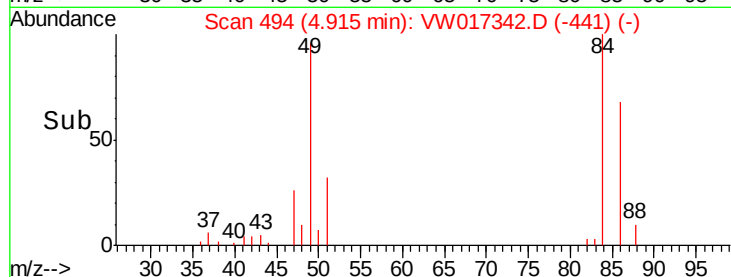
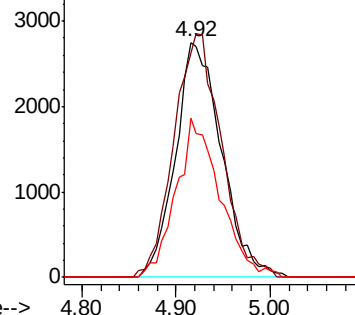


#16
Methvlene chloride
Concen: 1.458 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW017342.D
Acq: 18 Nov 2020 21:02

Tot Ion: 84 Resp: 9376
Ion Ratio Lower Upper
84 100
49 95.8 71.5 132.9
86 67.9 42.8 79.4

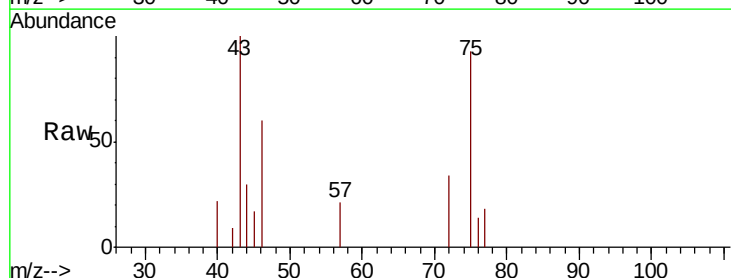


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

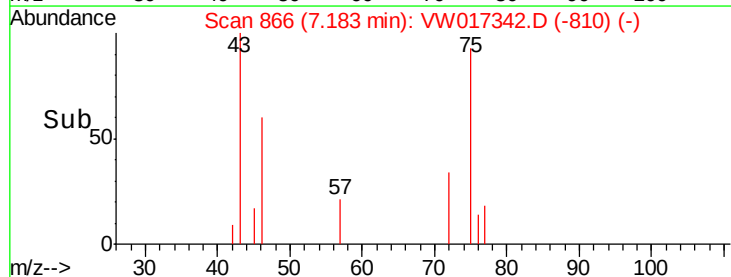
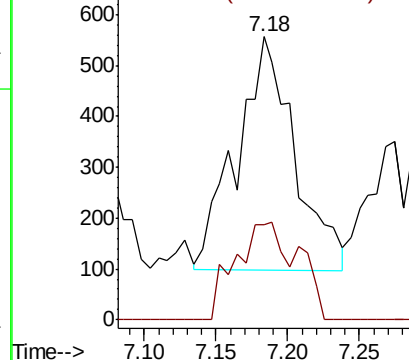


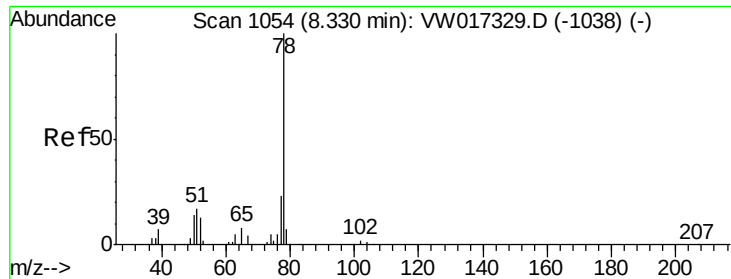
#21
2-Butanone
Concen: 1.268 ug/L m
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW017342.D
Acq: 18 Nov 2020 21:02

Tgt Ion: 43 Resp: 1296
Ion Ratio Lower Upper
43 100
72 35.1 16.4 49.1



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW





#34

Benzene

Concen: 0.491 ug/L

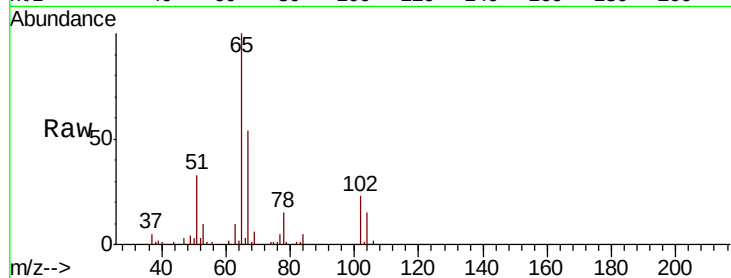
RT: 8.33 min Scan# 1054

Delta R.T. -0.00 min

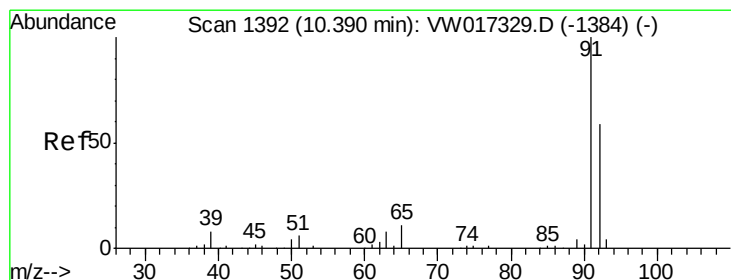
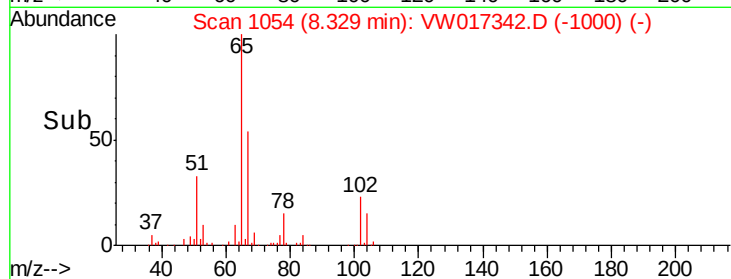
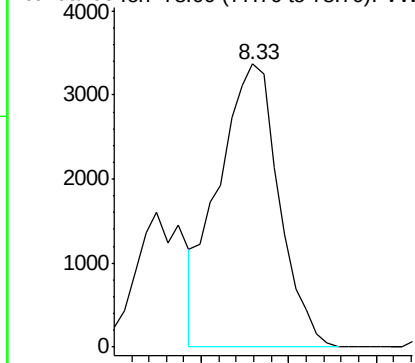
Lab File: VW017342.D

Acq: 18 Nov 2020 21:02

Tgt Ion: 78 Resp: 8120



Abundance Ion 78.00 (77.70 to 78.70): VW



#44

Toluene

Concen: 0.717 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW017342.D

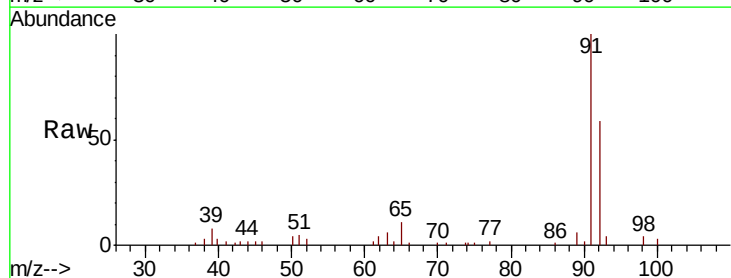
Acq: 18 Nov 2020 21:02

Tgt Ion: 91 Resp: 13168

Ion Ratio Lower Upper

91 100

92 58.8 41.4 76.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

