

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103019\
 Data File : VW013842.D
 Acq On : 30 Oct 2019 17:18
 Operator : SY/VA
 Sample : K5596-04
 Misc : 3.76G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQA5

Quant Time: Oct 31 05:33:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 31 05:29:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	307149	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	296029	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	159852	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	88859	23.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.32%
7) Chloroethane-d5	2.89	69	71771	20.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.60%
10) 1,1-Dichloroethene-d2	4.03	63	135159	16.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.96%
20) 2-Butanone-d5	7.07	46	64777	48.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.12%
24) Chloroform-d	7.65	84	198584	23.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.44%
26) 1,2-Dichloroethane-d4	8.31	65	108707	24.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.76%
29) Benzene-d6	8.27	84	422708	23.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.08%
33) 1,2-Dichloropropane-d6	9.27	67	128301	24.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.60%
37) Toluene-d8	10.32	98	380759	23.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.84%
38) trans-1,3-Dichloropropene-	10.58	79	53856	22.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.92%
39) 2-Hexanone-d5	10.92	63	52159	51.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	107556	24.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	137431	24.33	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.32%

Target Compounds

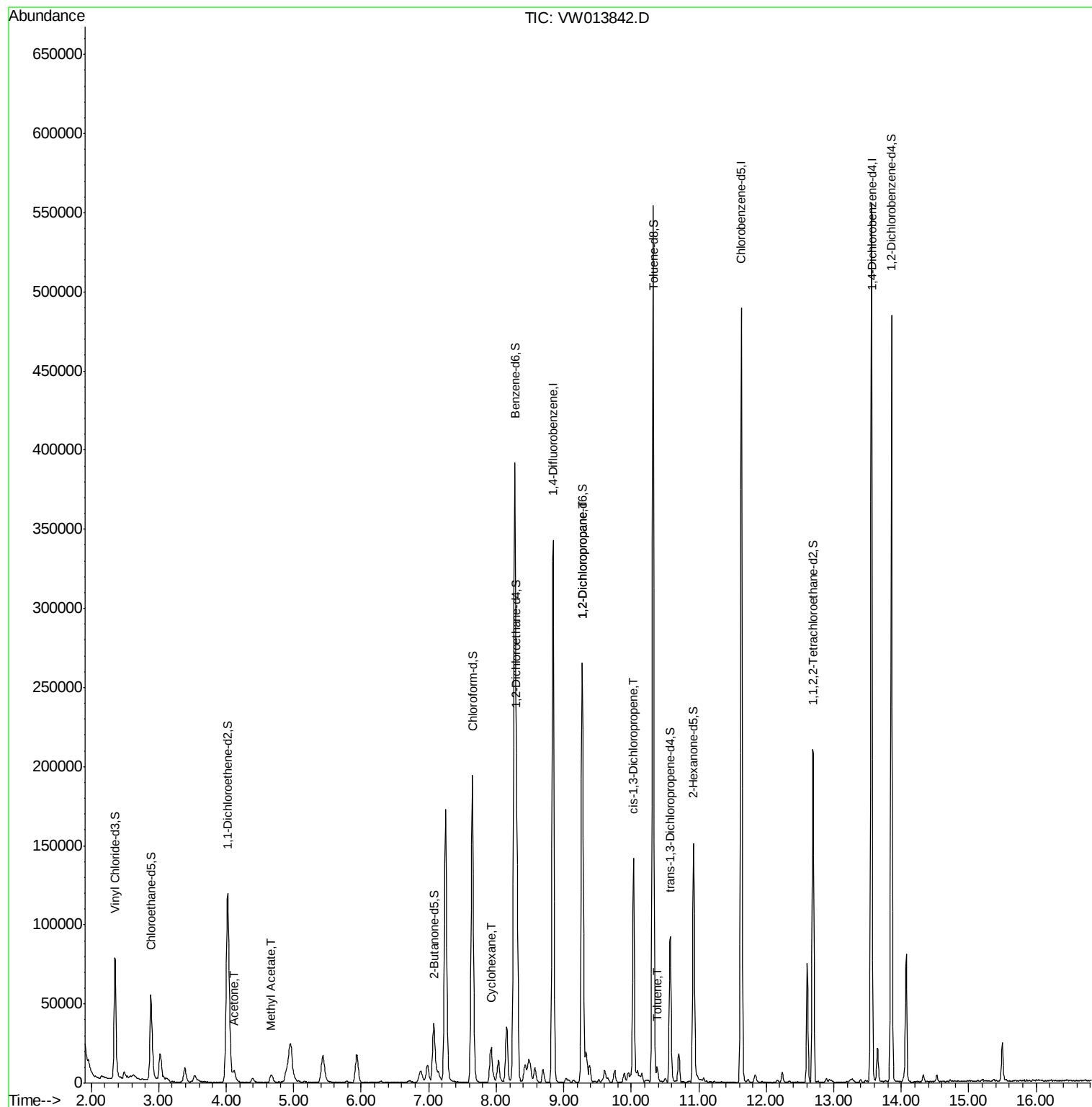
					Ovalue
13) Acetone	4.12	43	10863	7.262	ug/L 79
15) Methyl Acetate	4.67	43	9985	4.085	ug/L # 58
30) Cyclohexane	7.93	56	6338	0.731	ug/L # 25
40) 1,2-Dichloropropane	9.27	63	13329	2.567	ug/L # 87
42) cis-1,3-Dichloropropene	10.04	75	3156	0.385	ug/L # 66
44) Toluene	10.38	91	7544	0.331	ug/L 91

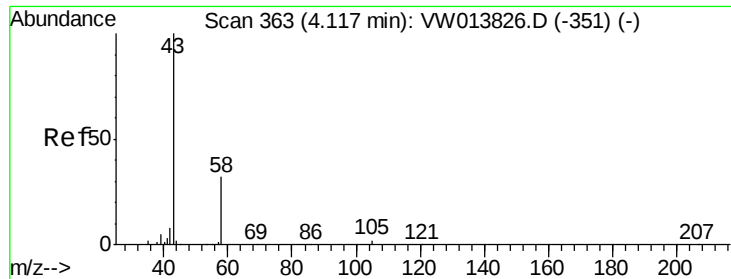
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 7.262 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW013842.D

Acq: 30 Oct 2019 17:18

Instrument :

MSVOA_W

ClientSampleId :

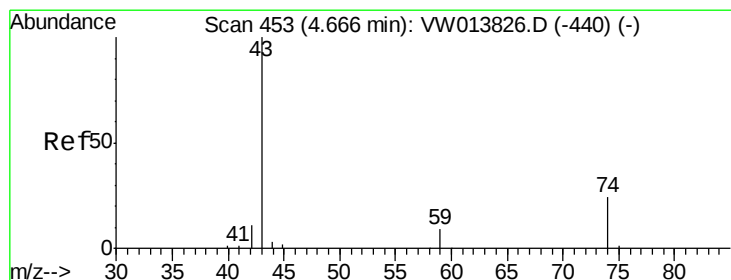
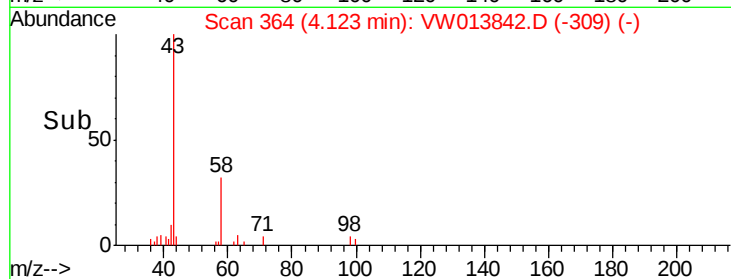
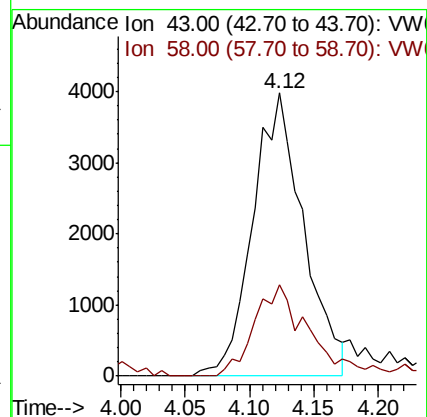
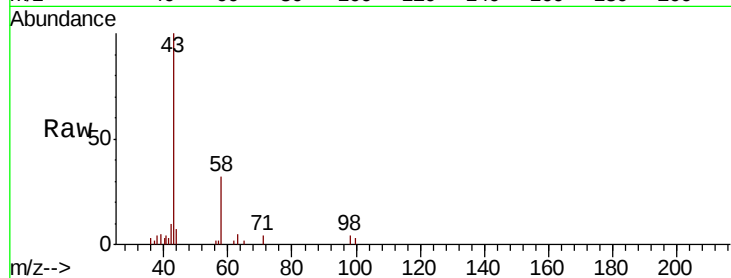
GAQA5

Tot Ion: 43 Resp: 10863

Ion Ratio Lower Upper

43 100

58 23.2 0.0 70.4



#15

Methyl Acetate

Concen: 4.085 ug/L

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW013842.D

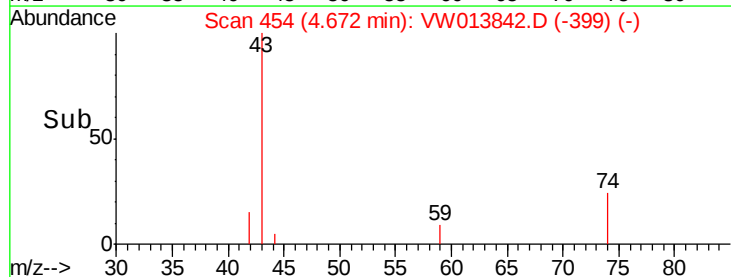
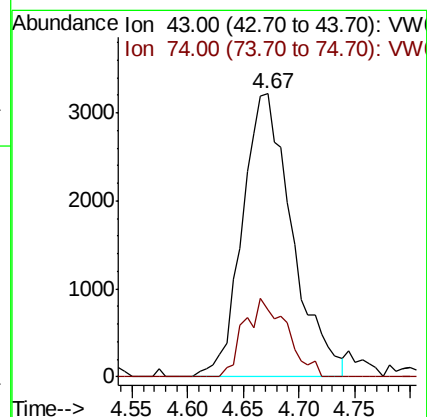
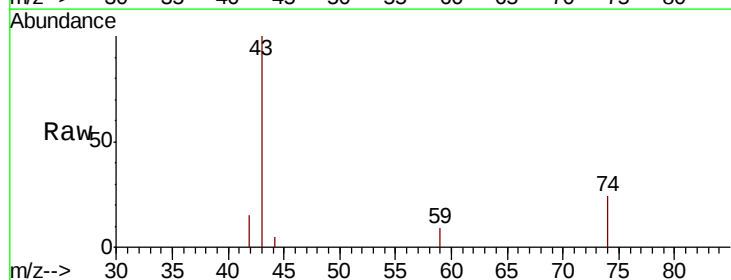
Acq: 30 Oct 2019 17:18

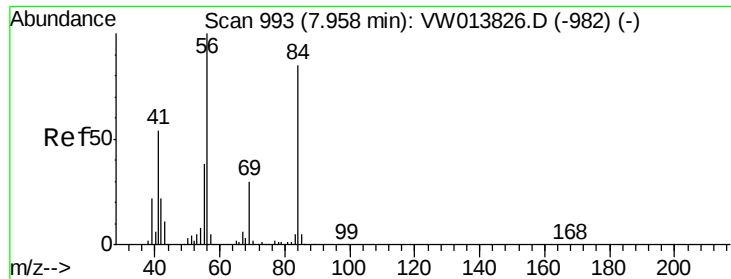
Tgt Ion: 43 Resp: 9985

Ion Ratio Lower Upper

43 100

74 3.2 19.2 28.8#

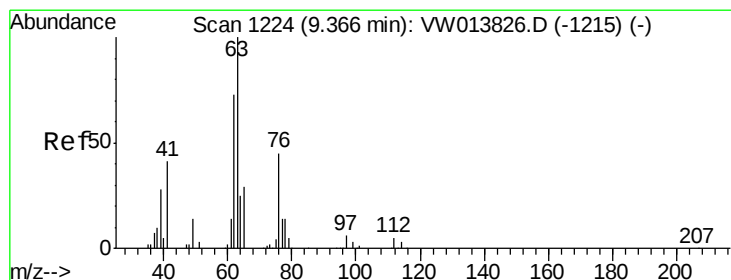
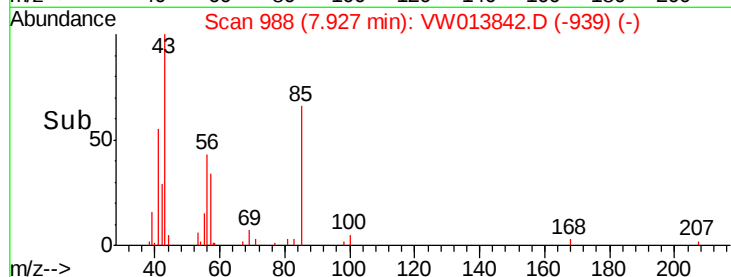
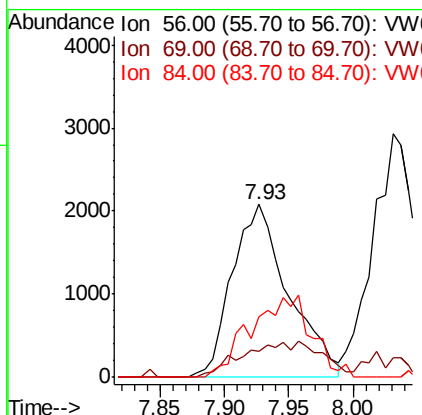
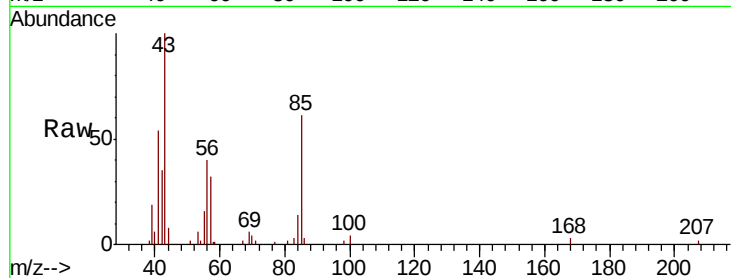




#30
Cvclohexane
Concen: 0.731 ug/L
RT: 7.93 min Scan# 988
Delta R.T. -0.03 min
Lab File: VW013842.D
Acq: 30 Oct 2019 17:18

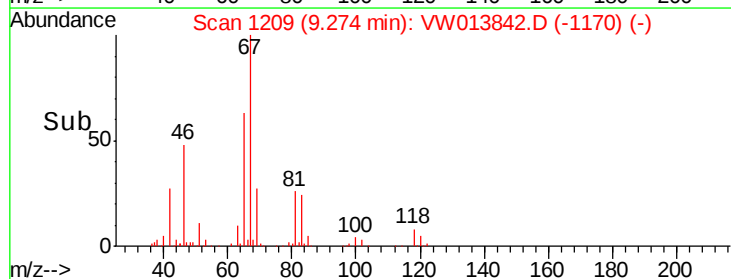
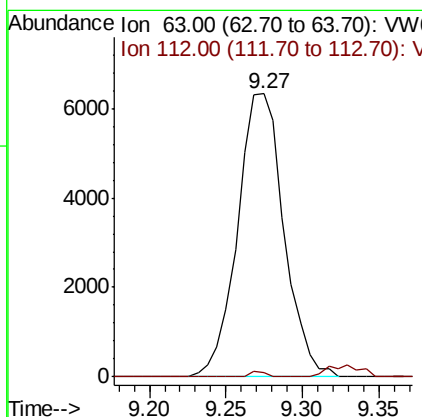
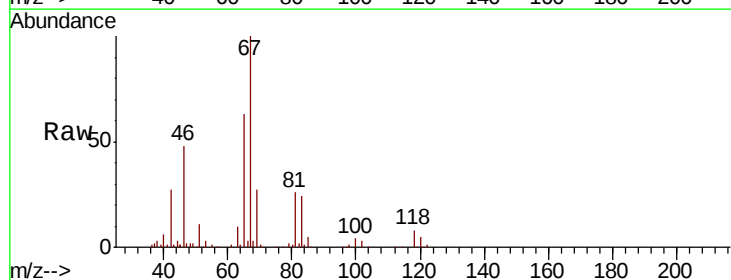
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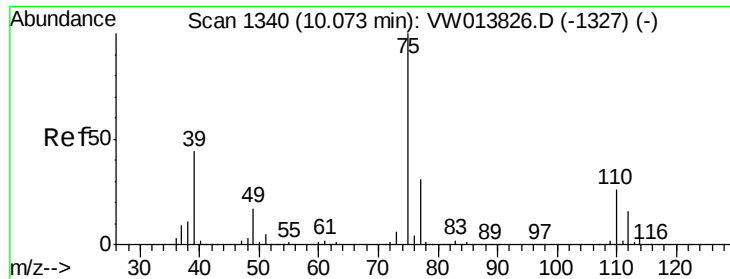
Tot Ion: 56 Resp: 6338
Ion Ratio Lower Upper
56 100
69 0.0 24.6 37.0#
84 13.1 71.1 106.7#



#40
1,2-Dichloropropane
Concen: 2.567 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.09 min
Lab File: VW013842.D
Acq: 30 Oct 2019 17:18

Tgt Ion: 63 Resp: 13329
Ion Ratio Lower Upper
63 100
112 0.6 3.9 5.9#





#42

cis-1,3-Dichloropropene

Concen: 0.385 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW013842.D

Acq: 30 Oct 2019 17:18

Instrument :

MSVOA_W

ClientSampleId :

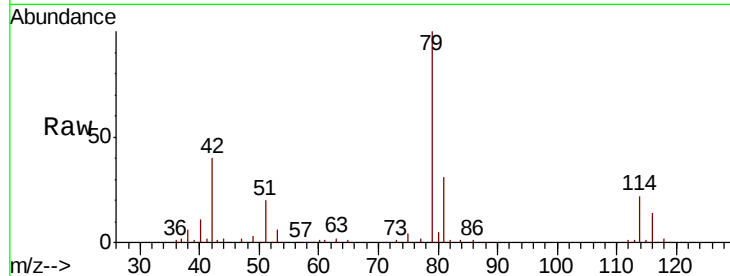
GAQA5

Tot Ion: 75 Resp: 3156

Ion Ratio Lower Upper

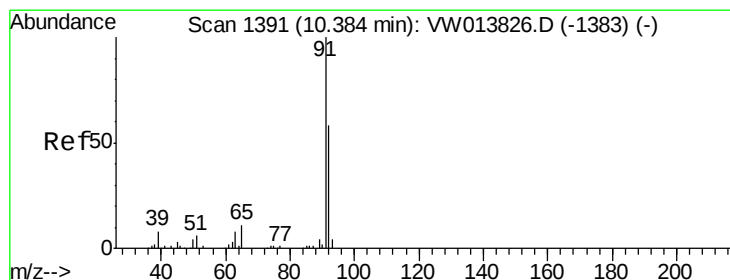
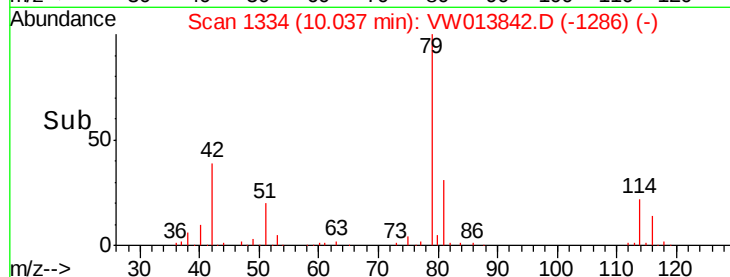
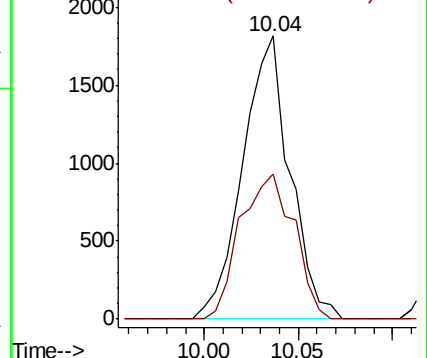
75 100

77 51.1 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#44

Toluene

Concen: 0.331 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW013842.D

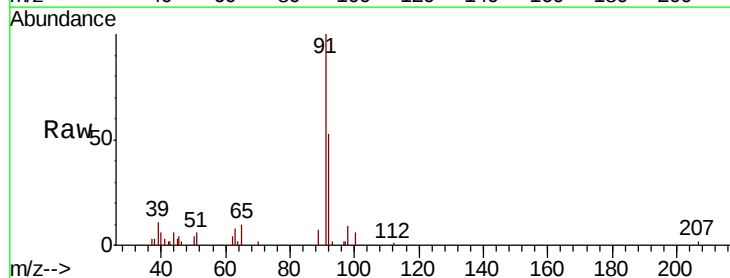
Acq: 30 Oct 2019 17:18

Tgt Ion: 91 Resp: 7544

Ion Ratio Lower Upper

91 100

92 53.0 42.0 78.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

