

Data File : VW013789.D
Acq On : 29 Oct 2019 13:23
Operator : SY/VA
Sample : K5552-04
Misc : 3.45G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAQ77

Quant Time: Oct 30 07:02:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 30 06:58:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	287319	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	272155	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	145335	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	102187	28.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.96%
7) Chloroethane-d5	2.89	69	81552	24.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.12%
10) 1,1-Dichloroethene-d2	4.03	63	150464	19.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.32%
20) 2-Butanone-d5	7.07	46	78647	62.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.76%
24) Chloroform-d	7.65	84	207163	25.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.08%
26) 1,2-Dichloroethane-d4	8.31	65	115944	27.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.32%
29) Benzene-d6	8.27	84	446463	27.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.20%
33) 1,2-Dichloropropane-d6	9.27	67	135738	27.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.20%
37) Toluene-d8	10.32	98	414870	27.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.04%
38) trans-1,3-Dichloropropene-	10.58	79	59435	26.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.92%
39) 2-Hexanone-d5	10.92	63	65165	69.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.60%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	123576	30.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	123.60%#
61) 1,2-Dichlorobenzene-d4	13.85	152	143588	27.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.84%

Target Compounds

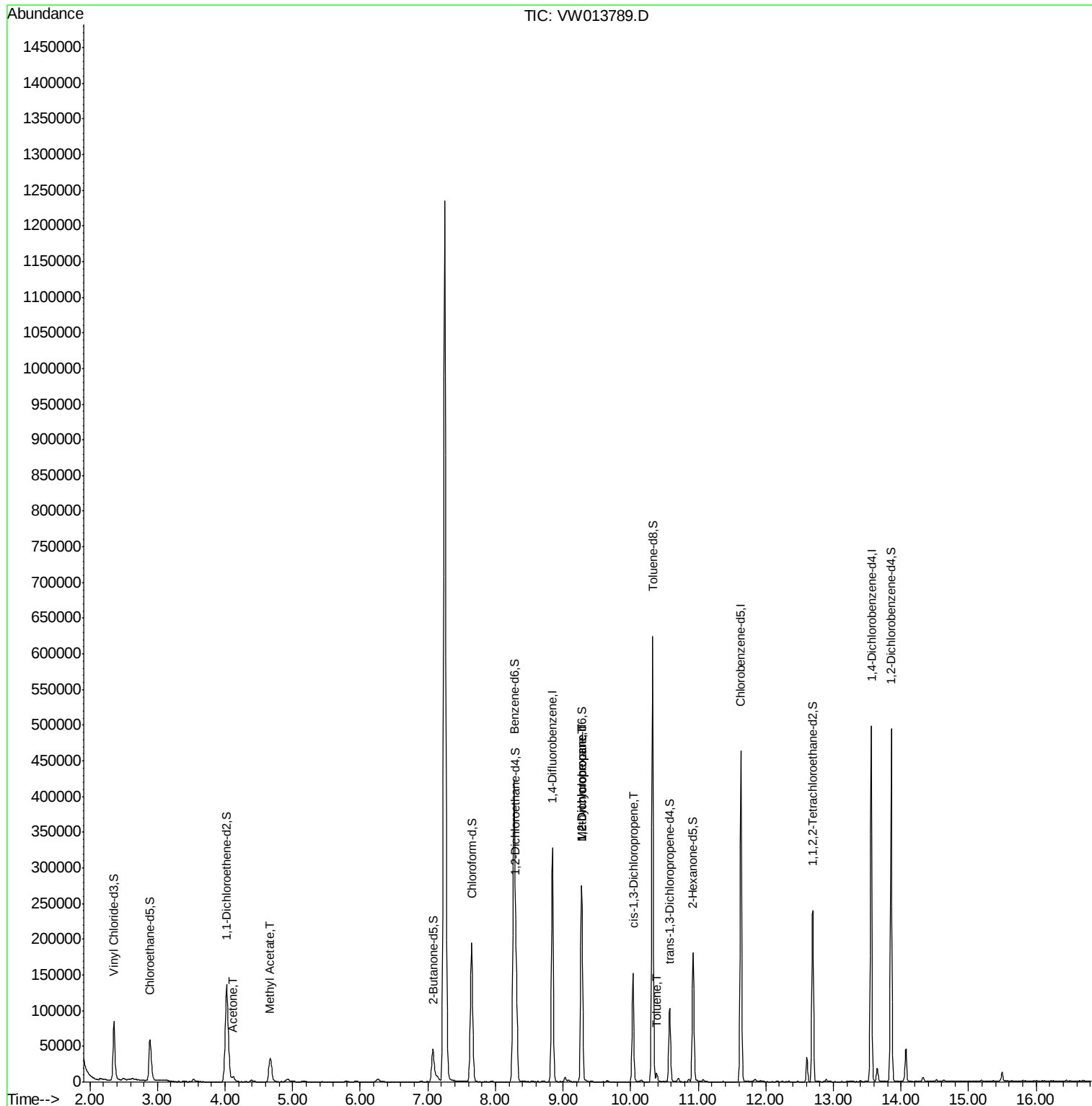
					Qvalue
13) Acetone	4.12	43	11331	8.097 ug/L	94
15) Methyl Acetate	4.67	43	64148	28.055 ug/L	99
36) Methylcyclohexane	9.27	83	32766	3.710 ug/L #	19
40) 1,2-Dichloropropane	9.27	63	14021	2.937 ug/L #	85
42) cis-1,3-Dichloropropene	10.03	75	3329	0.442 ug/L #	63
44) Toluene	10.38	91	8777	0.418 ug/L	94

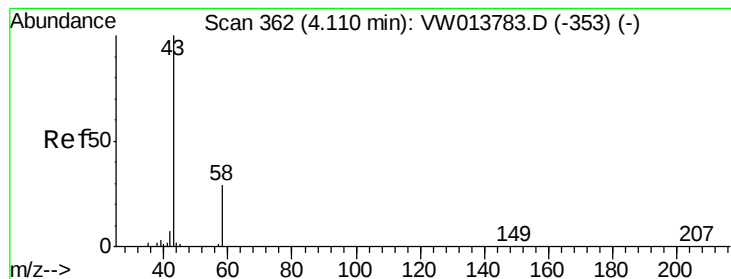
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.097 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW013789.D

Acq: 29 Oct 2019 13:23

Instrument :

MSVOA_W

ClientSampleId :

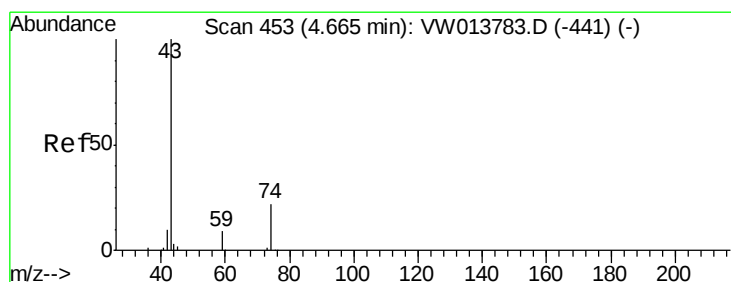
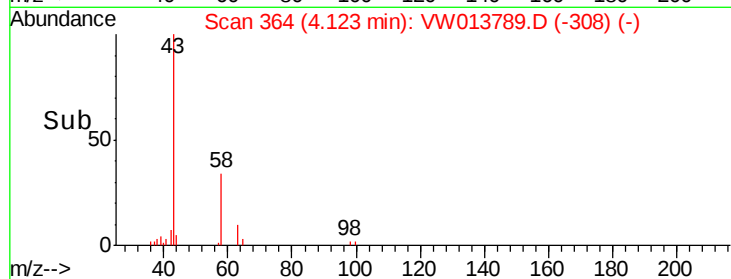
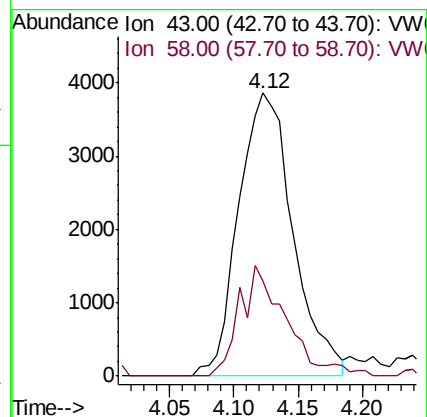
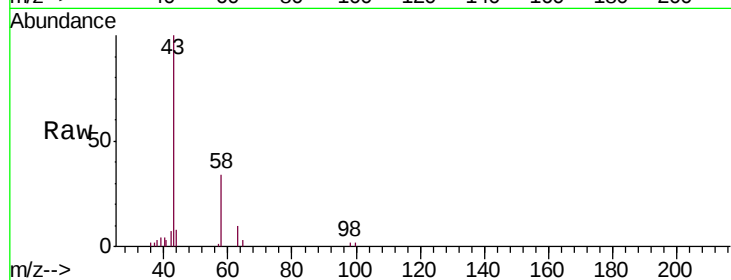
GAQ77

Tgt Ion: 43 Resp: 11331

Ion Ratio Lower Upper

43 100

58 32.0 0.0 70.4



#15

Methyl Acetate

Concen: 28.055 ug/L

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

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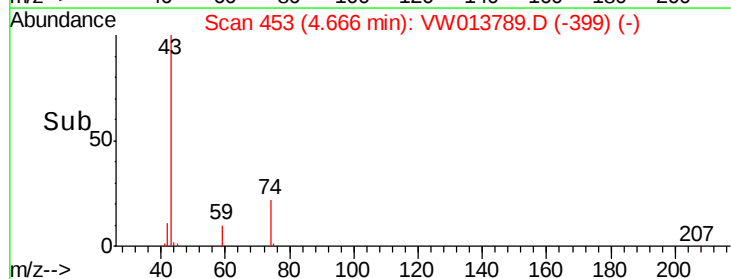
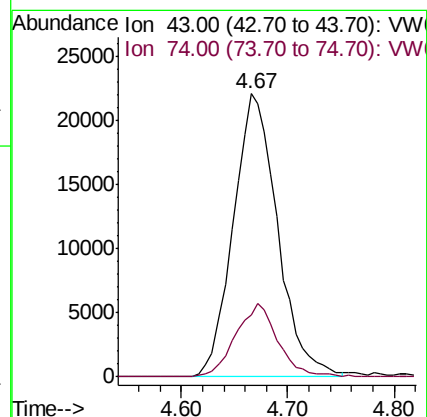
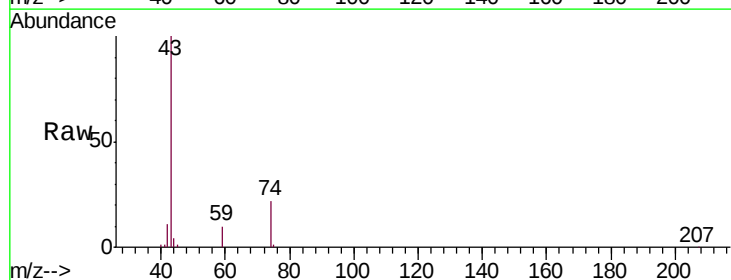
Acq: 29 Oct 2019 13:23

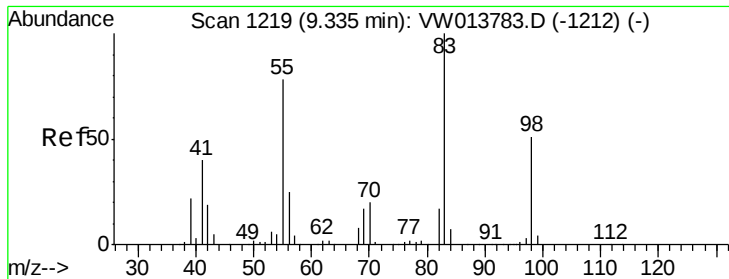
Tgt Ion: 43 Resp: 64148

Ion Ratio Lower Upper

43 100

74 24.2 19.2 28.8

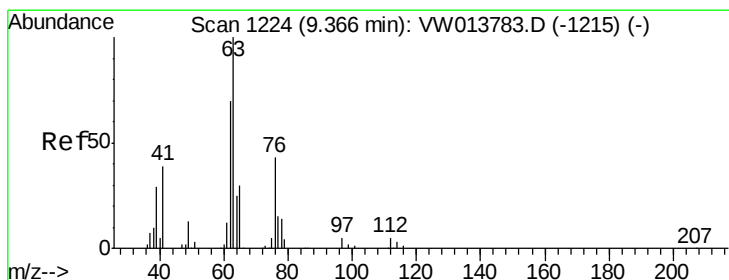
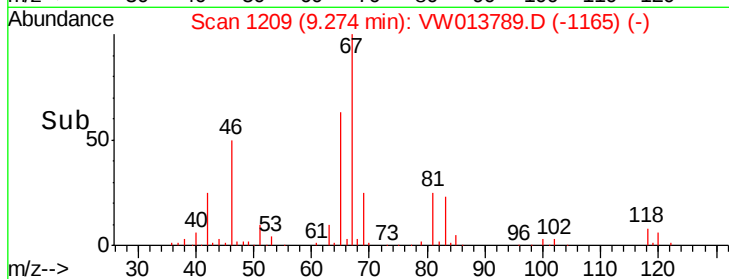
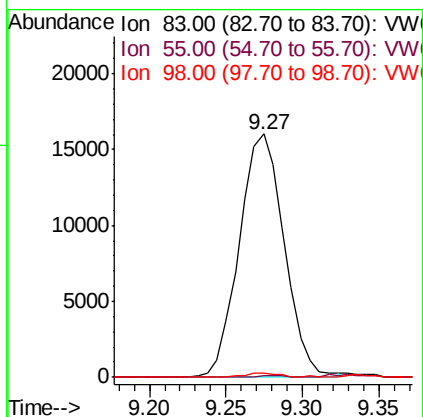
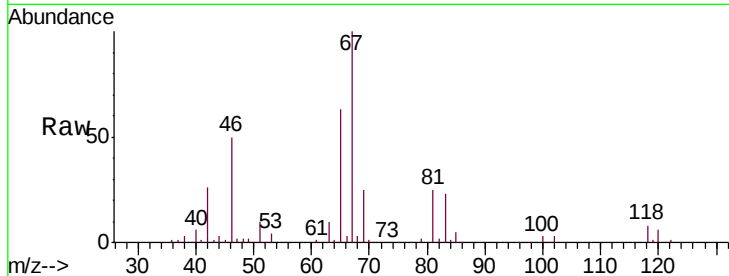




#36
Methylcyclohexane
Concen: 3.710 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW013789.D
Acq: 29 Oct 2019 13:23

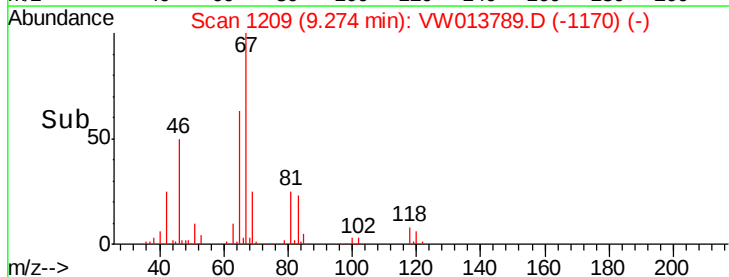
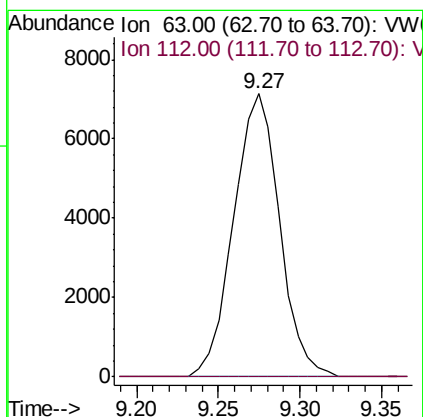
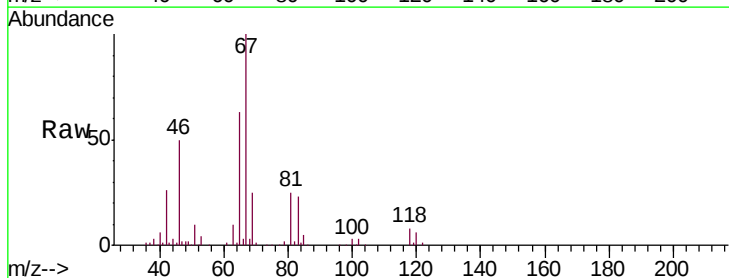
Instrument :
MSVOA_W
ClientSampled :
GAQ77

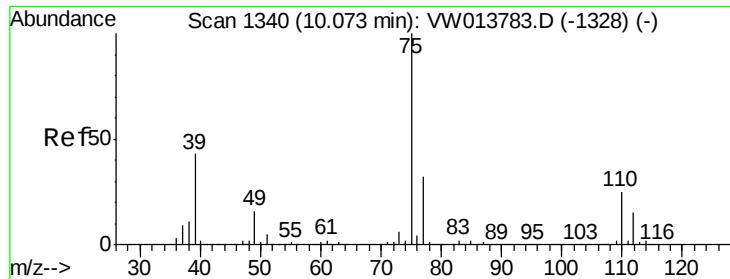
Tgt Ion: 83 Resp: 32766
Ion Ratio Lower Upper
83 100
55 0.4 60.2 90.4#
98 1.4 39.1 58.7#



#40
1,2-Dichloropropane
Concen: 2.937 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.09 min
Lab File: VW013789.D
Acq: 29 Oct 2019 13:23

Tgt Ion: 63 Resp: 14021
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#





#42

cis-1,3-Dichloropropene

Concen: 0.442 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW013789.D

Acq: 29 Oct 2019 13:23

Instrument :

MSVOA_W

ClientSampleId :

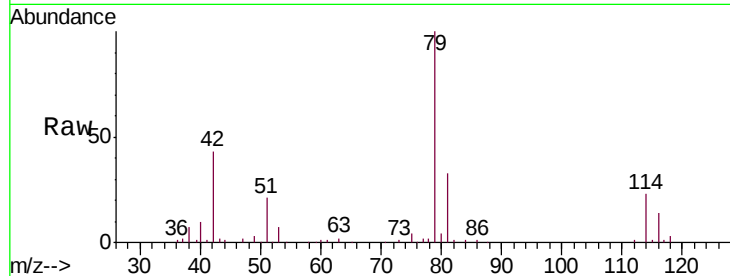
GAQ77

Tgt Ion: 75 Resp: 3329

Ion Ratio Lower Upper

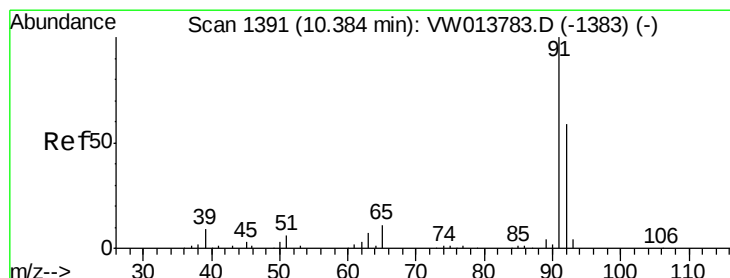
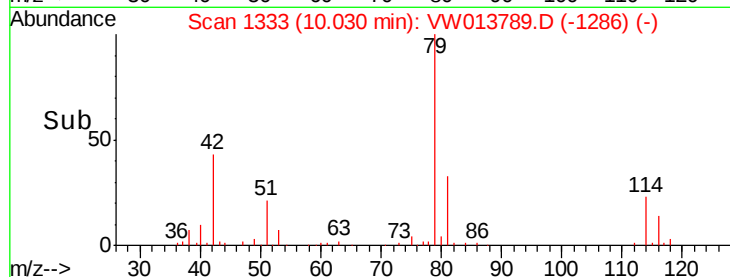
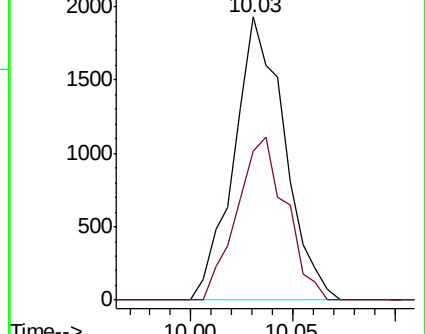
75 100

77 52.6 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: 0.418 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW013789.D

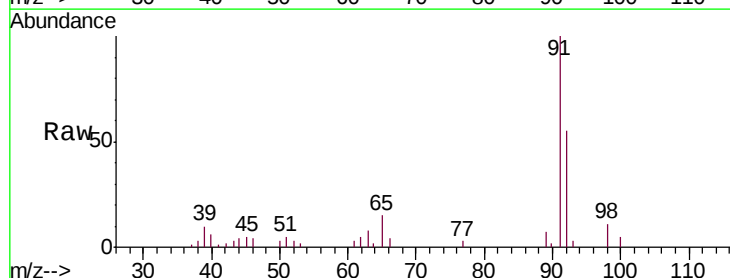
Acq: 29 Oct 2019 13:23

Tgt Ion: 91 Resp: 8777

Ion Ratio Lower Upper

91 100

92 55.3 42.0 78.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

