

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101119\
 Data File : VU035054.D
 Acq On : 10 Oct 2019 17:46
 Operator : JC/SP
 Sample : K5309-20
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB-2-191007-01

Quant Time: Oct 11 05:07:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 11 04:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	160637	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	161437	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	65378	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	34890	3.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.40%
7) Chloroethane-d5	1.68	69	37135	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.80%
11) 1,1-Dichloroethene-d2	2.26	63	55145	2.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.00%#
20) 2-Butanone-d5	4.17	46	145660	52.09	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.18%
24) Chloroform-d	4.62	84	83482	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.29	65	49296	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.32	84	165161	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.31	67	61861	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.55	98	141188	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.20%
43) trans-1,3-Dichloropropene-	7.84	79	17250	3.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.80%
46) 2-Hexanone-d5	8.30	63	105618	48.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.52%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	55172	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	54569	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

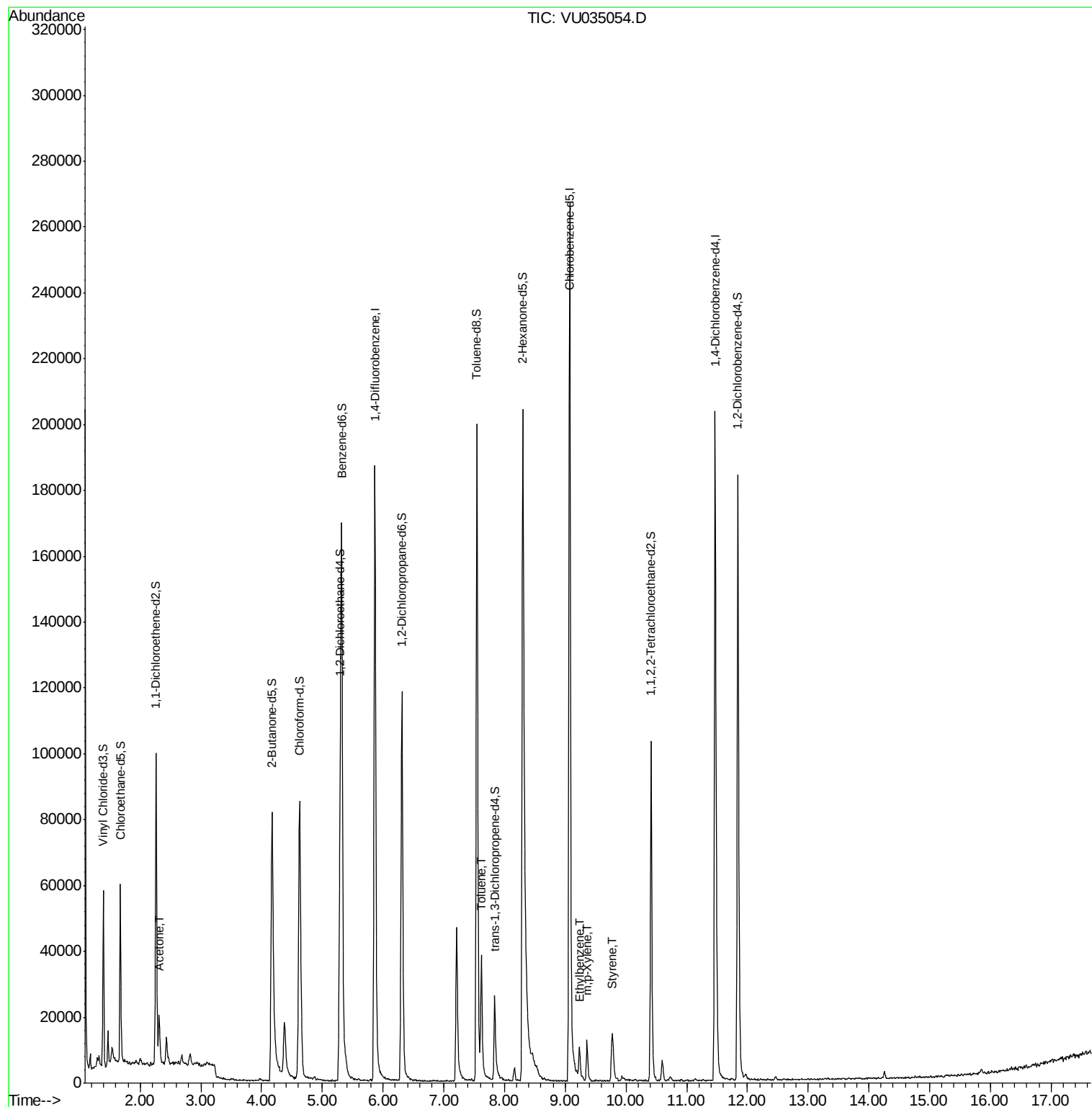
					Ovalue
13) Acetone	2.31	43	16406	7.163	ug/L 100
42) Toluene	7.62	91	27136	0.535	ug/L 100
52) Ethylbenzene	9.23	91	7473	0.133	ug/L 95
53) m,p-Xylene	9.36	106	3860	0.186	ug/L 88
55) Styrene	9.78	104	7580	0.231	ug/L 94

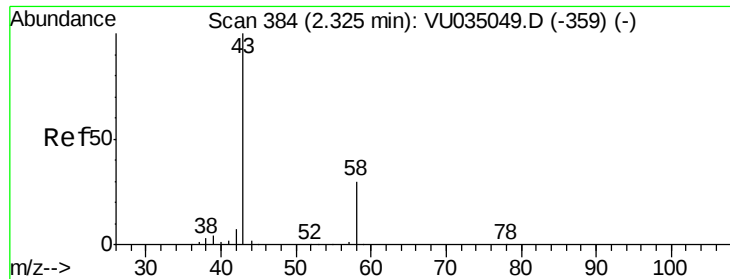
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.163 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.02 min

Lab File: VU035054.D

Acq: 10 Oct 2019 17:46

Instrument :

MSVOA_U

ClientSampleId :

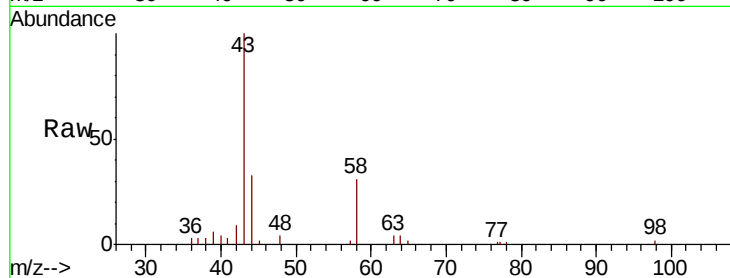
TB-2-191007-01

Tot Ion: 43 Resp: 16406

Ion Ratio Lower Upper

43 100

58 33.1 0.0 66.6



Abundance Ion 43.05 (42.75 to 43.75): VU035049.D (-359) (-)

Ion 58.05 (57.75 to 58.75): VU035049.D (-359) (-)

2.31

10000

8000

6000

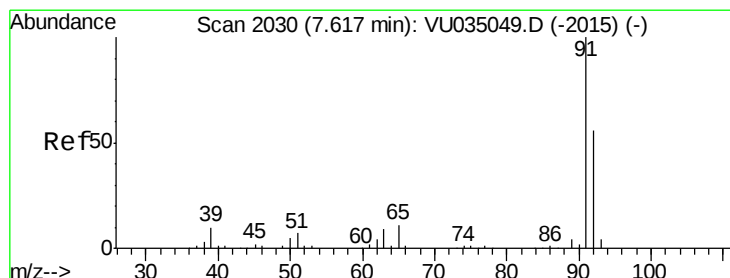
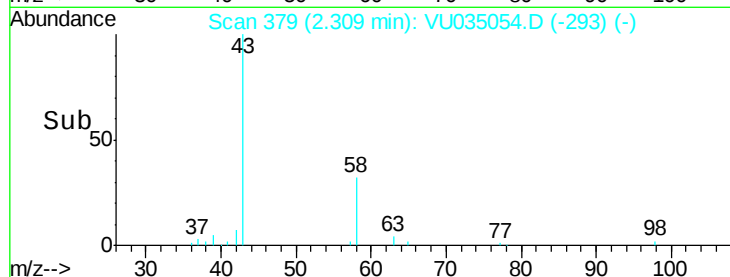
4000

2000

0

Time-->

2.25 2.30 2.35



#42

Toluene

Concen: 0.535 ug/L

RT: 7.62 min Scan# 2031

Delta R.T. 0.01 min

Lab File: VU035054.D

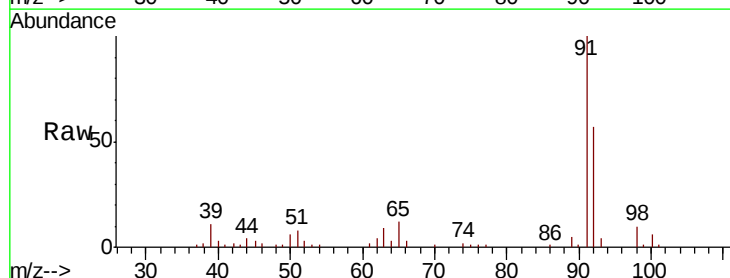
Acq: 10 Oct 2019 17:46

Tgt Ion: 91 Resp: 27136

Ion Ratio Lower Upper

91 100

92 57.1 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU035049.D (-2015) (-)

Ion 92.15 (91.85 to 92.85): VU035049.D (-2015) (-)

7.62

15000

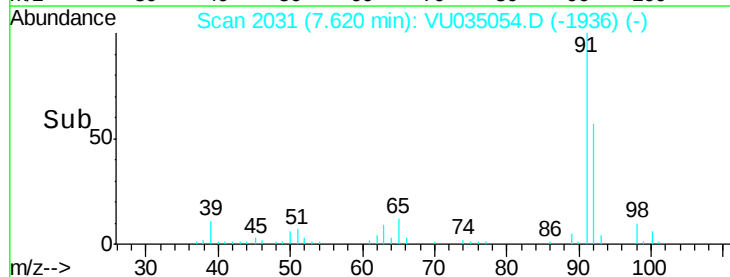
10000

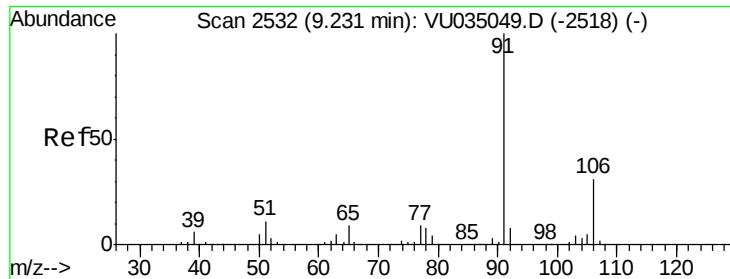
5000

0

Time-->

7.60 7.70





#52

Ethylbenzene

Concen: 0.133 ug/L

RT: 9.23 min Scan# 2533

Delta R.T. 0.01 min

Lab File: VU035054.D

Acq: 10 Oct 2019 17:46

Instrument :

MSVOA_U

ClientSampleId :

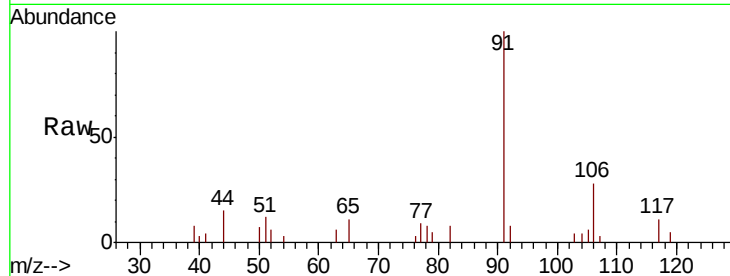
TB-2-191007-01

Tot Ion: 91 Resp: 7473

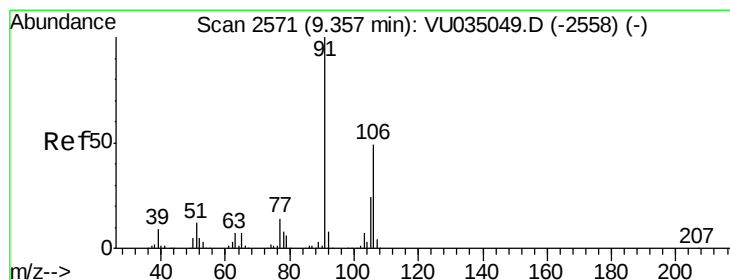
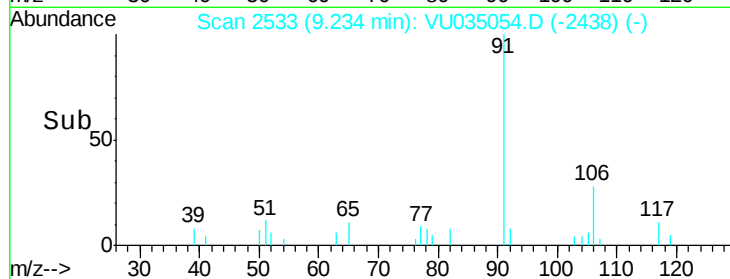
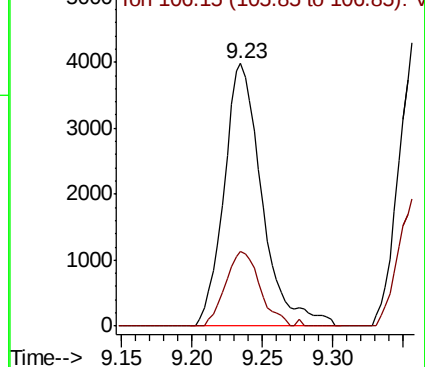
Ion Ratio Lower Upper

91 100

106 28.3 21.6 40.2



Abundance Ion 91.15 (90.85 to 91.85): VU035049.D (-2518) (-)



#53

m,p-Xylene

Concen: 0.186 ug/L

RT: 9.36 min Scan# 2573

Delta R.T. 0.01 min

Lab File: VU035054.D

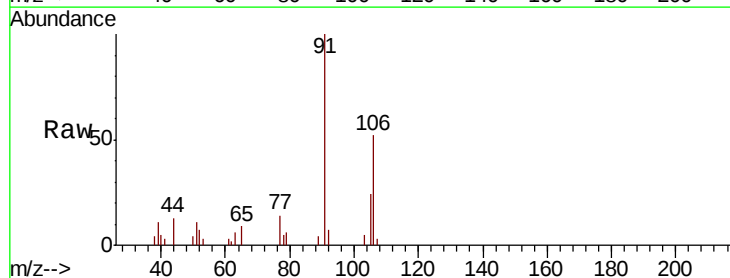
Acq: 10 Oct 2019 17:46

Tgt Ion: 106 Resp: 3860

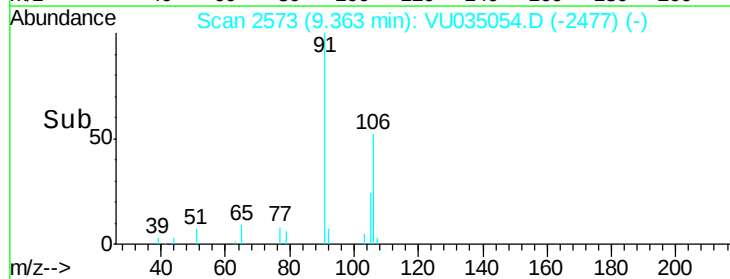
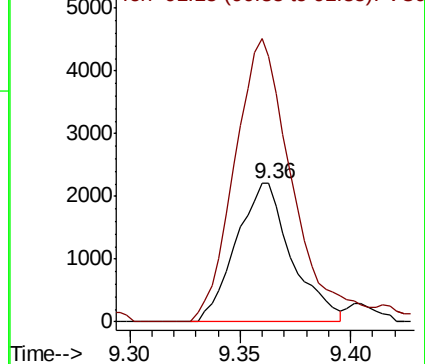
Ion Ratio Lower Upper

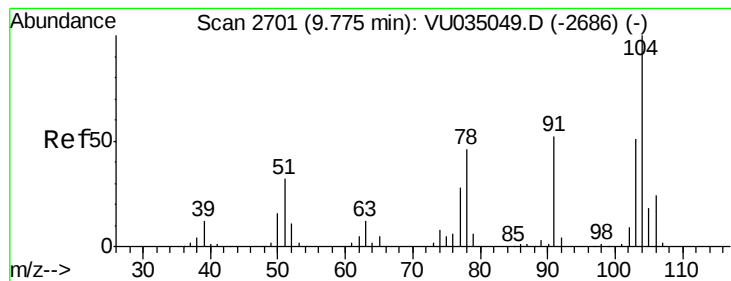
106 100

91 191.5 147.6 274.0



Abundance Ion 106.15 (105.85 to 106.85): VU035049.D (-2558) (-)





#55

Stvrene

Concen: 0.231 ug/L

RT: 9.78 min Scan# 2703

Delta R.T. 0.01 min

Lab File: VU035054.D

Acq: 10 Oct 2019 17:46

Instrument :
MSVOA_U
ClientSampleId :
TB-2-191007-01

Tot Ion:104 Resp: 7580

Ion Ratio Lower Upper

104 100

78 42.8 32.8 60.8

