

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100919\
 Data File : VU035004.D
 Acq On : 09 Oct 2019 13:38
 Operator : JC/SP
 Sample : K5219-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RB-1-191001-01

Quant Time: Oct 10 03:58:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 10 03:36:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	167377	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	173084	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	70724	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	39448	3.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.80%
7) Chloroethane-d5	1.67	69	39485	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.60%
11) 1,1-Dichloroethene-d2	2.26	63	61222	2.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.60%#
20) 2-Butanone-d5	4.18	46	152063	52.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.38%
24) Chloroform-d	4.62	84	82335	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.29	65	52361	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.32	84	174613	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
36) 1,2-Dichloropropane-d6	6.31	67	62614	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.55	98	157360	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
43) trans-1,3-Dichloropropene-	7.84	79	19780	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.30	63	102873	44.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.60%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	53363	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	11.84	152	59947	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

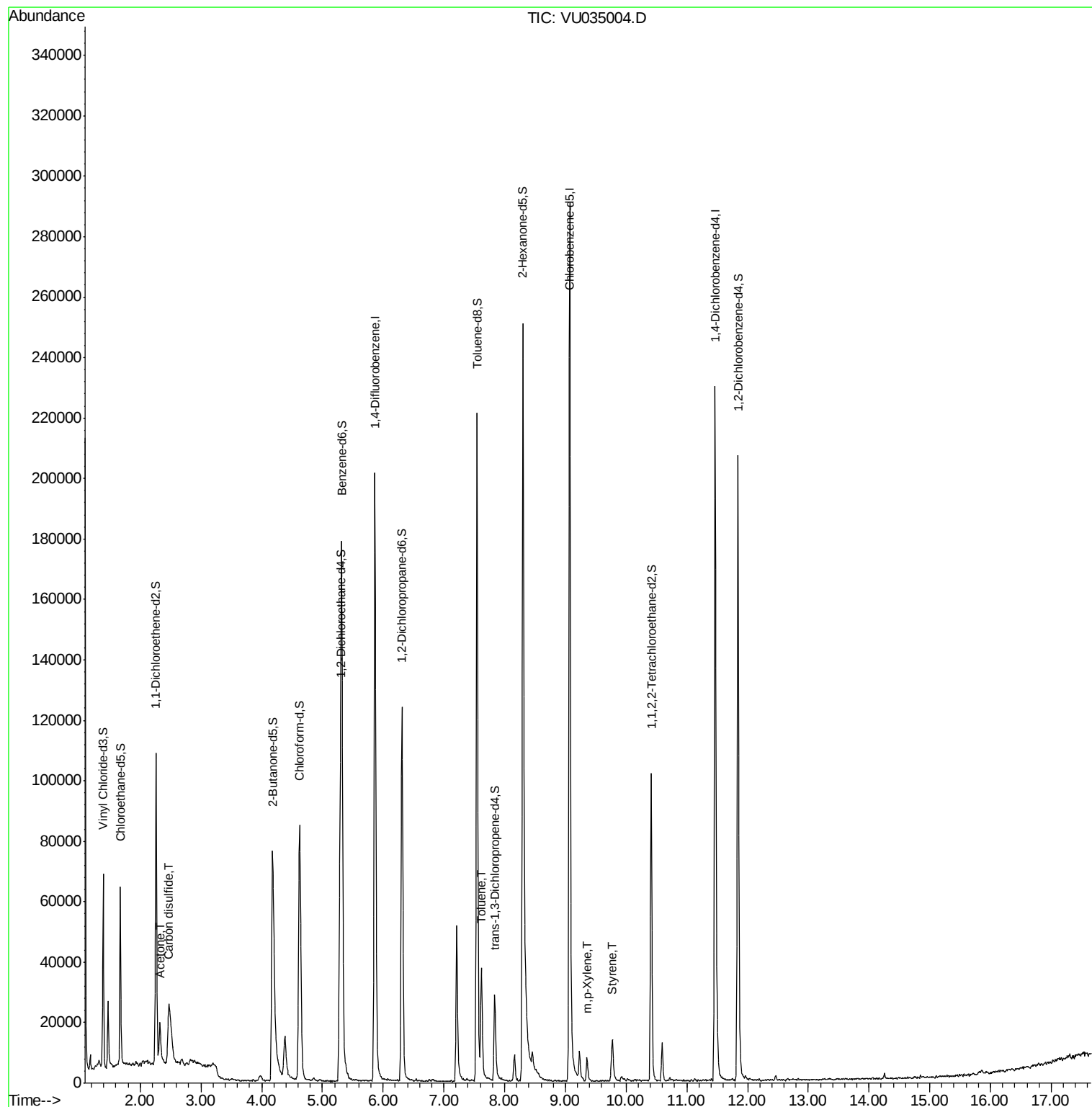
					Ovalue
13) Acetone	2.33	43	19641	8.231 ug/L	95
14) Carbon disulfide	2.47	76	9002	0.252 ug/L #	90
42) Toluene	7.62	91	27971	0.514 ug/L	95
53) m,p-Xylene	9.36	106	2887	0.130 ug/L #	59
55) Styrene	9.78	104	6341	0.180 ug/L	97

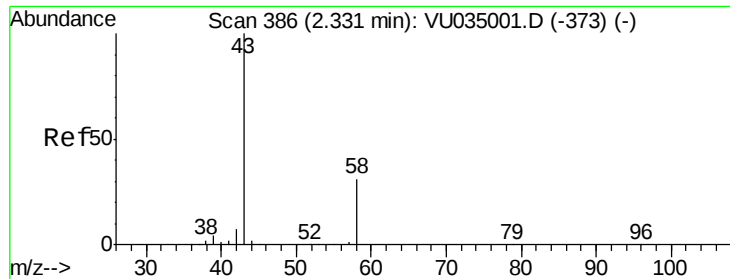
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.231 ug/L

RT: 2.33 min Scan# 385

Delta R.T. -0.00 min

Lab File: VU035004.D

Acq: 09 Oct 2019 13:38

Instrument :

MSVOA_U

ClientSampleId :

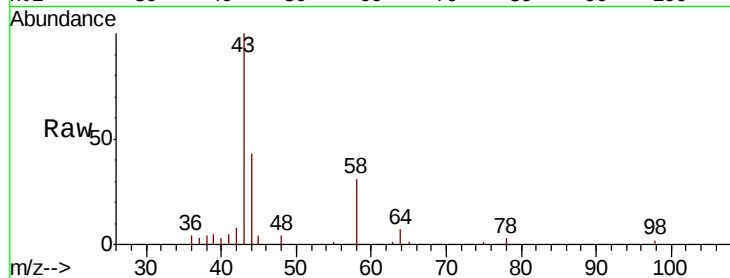
RB-1-191001-01

Tot Ion: 43 Resp: 19641

Ion Ratio Lower Upper

43 100

58 30.6 0.0 66.6



Abundance Ion 43.05 (42.75 to 43.75): VU035001.D (-373) (-)

Ion 58.05 (57.75 to 58.75): VU035001.D (-373) (-)

2.33

8000

6000

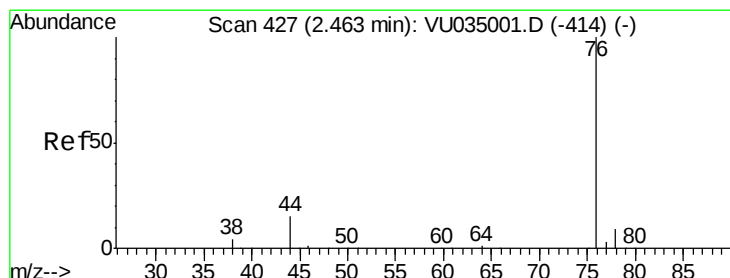
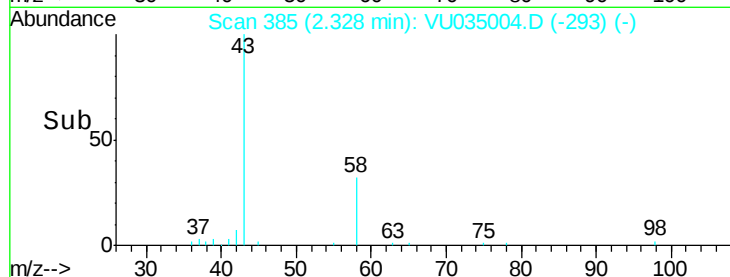
4000

2000

0

Time-->

2.25 2.30 2.35 2.40



#14

Carbon disulfide

Concen: 0.252 ug/L

RT: 2.47 min Scan# 428

Delta R.T. 0.00 min

Lab File: VU035004.D

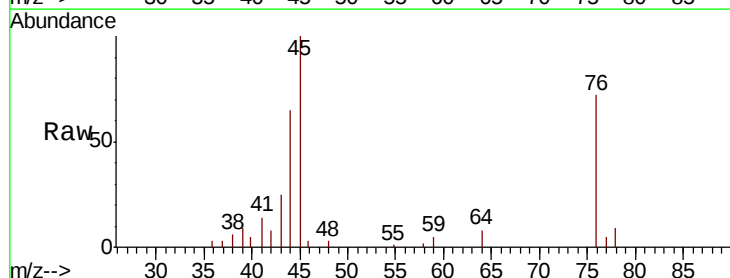
Acq: 09 Oct 2019 13:38

Tgt Ion: 76 Resp: 9002

Ion Ratio Lower Upper

76 100

78 12.6 7.1 10.7#



Abundance Ion 76.05 (75.75 to 76.75): VU035001.D (-414) (-)

Ion 78.00 (77.70 to 78.70): VU035001.D (-414) (-)

2.47

6000

5000

4000

3000

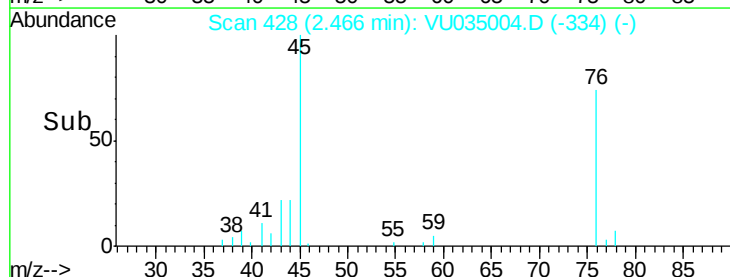
2000

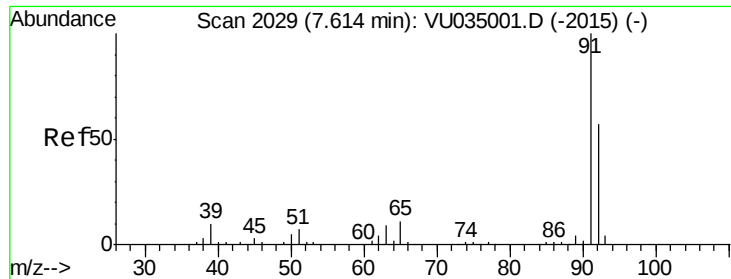
1000

0

Time-->

2.40 2.45 2.50





#42

Toluene

Concen: 0.514 ug/L

RT: 7.62 min Scan# 2031

Delta R.T. 0.01 min

Lab File: VU035004.D

Acq: 09 Oct 2019 13:38

Instrument :

MSVOA_U

ClientSampleId :

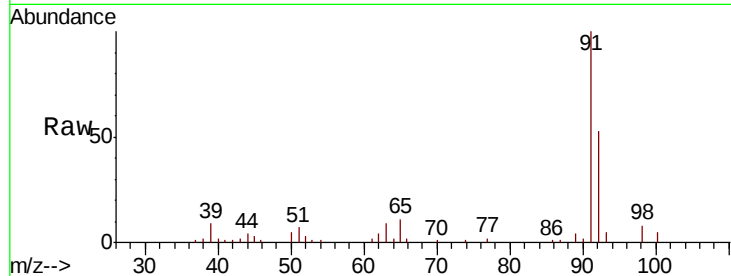
RB-1-191001-01

Tot Ion: 91 Resp: 27971

Ion Ratio Lower Upper

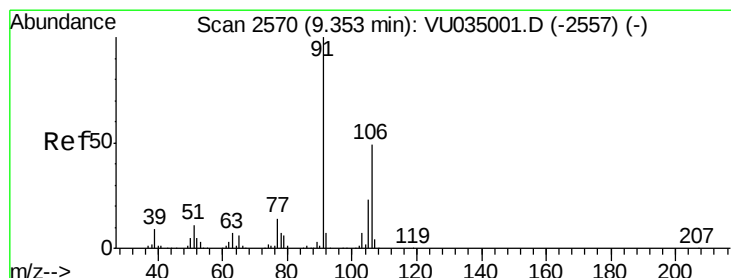
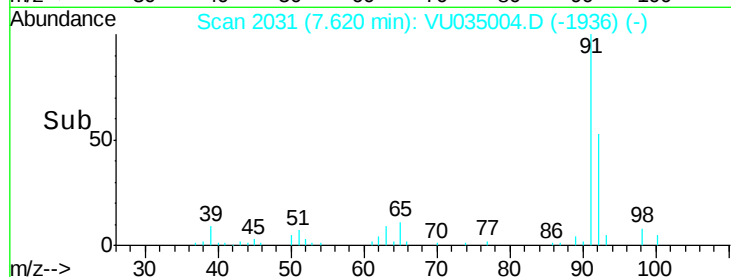
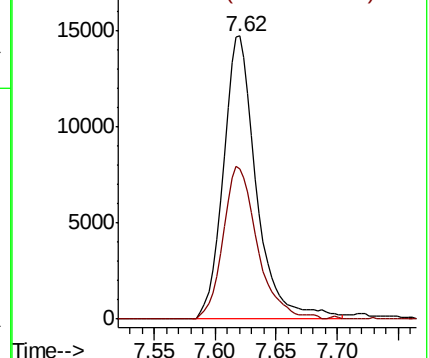
91 100

92 53.3 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0



#53

m,p-Xylene

Concen: 0.130 ug/L

RT: 9.36 min Scan# 2572

Delta R.T. 0.01 min

Lab File: VU035004.D

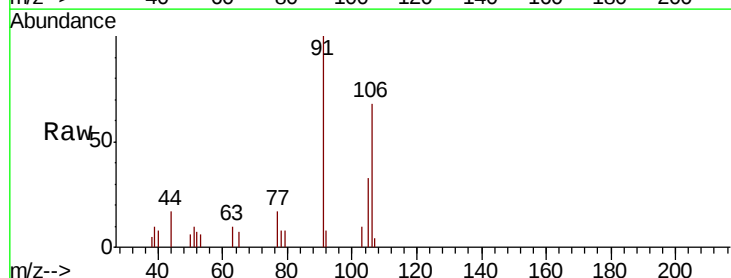
Acq: 09 Oct 2019 13:38

Tgt Ion: 106 Resp: 2887

Ion Ratio Lower Upper

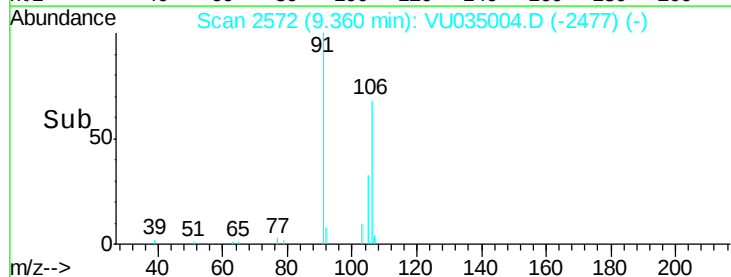
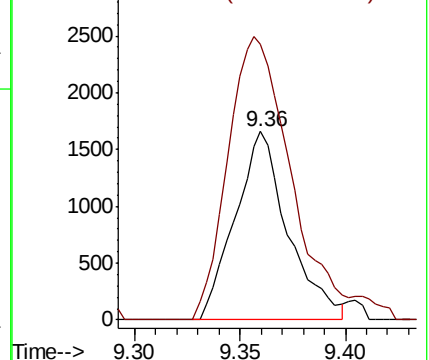
106 100

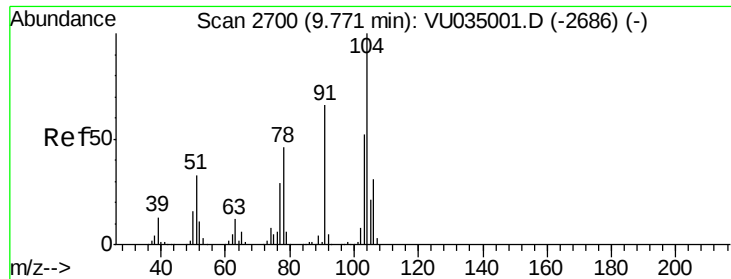
91 146.6 147.6 274.0#



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0





#55

Stvrene

Concen: 0.180 ug/L

RT: 9.78 min Scan# 2703

Delta R.T. 0.01 min

Lab File: VU035004.D

Acq: 09 Oct 2019 13:38

Instrument :

MSVOA_U

ClientSampleId :

RB-1-191001-01

Tot Ion:104 Resp: 6341

Ion Ratio Lower Upper

104 100

78 44.6 32.8 60.8

