

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101219\
 Data File : VU035092.D
 Acq On : 11 Oct 2019 16:18
 Operator : JC/SP
 Sample : K5309-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RB-1-191002-01

Quant Time: Oct 12 03:30:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 12 02:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	163261	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	166199	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	62255	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	52059	5.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.00%
7) Chloroethane-d5	1.68	69	49956	5.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.00%
11) 1,1-Dichloroethene-d2	2.26	63	74277	3.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.00%
20) 2-Butanone-d5	4.17	46	132464	46.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.22%
24) Chloroform-d	4.62	84	84956	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.29	65	52211	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.32	84	188362	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.31	67	64859	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.55	98	159278	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	7.84	79	19163	4.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.80%
46) 2-Hexanone-d5	8.31	63	94605	42.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.84%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	53389	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	55372	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

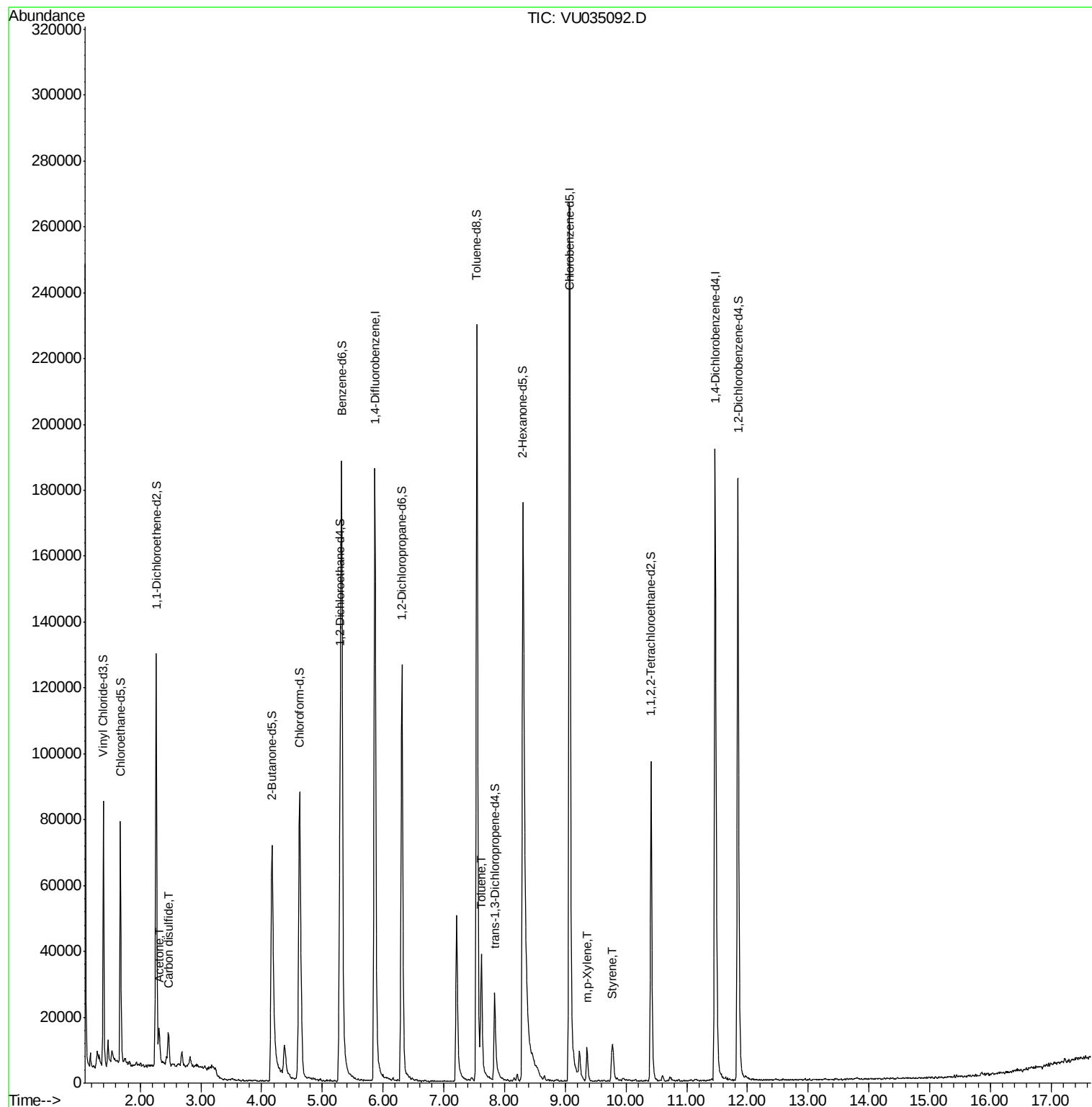
					Ovalue
13) Acetone	2.31	43	10636	4.569	ug/L 99
14) Carbon disulfide	2.47	76	11604	0.333	ug/L 99
42) Toluene	7.62	91	27615	0.528	ug/L 98
53) m,p-Xylene	9.36	106	3514	0.165	ug/L 91
55) Styrene	9.78	104	5857	0.173	ug/L 94

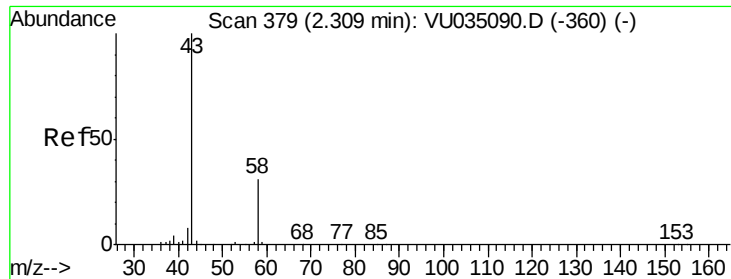
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.569 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU035092.D

Acq: 11 Oct 2019 16:18

Instrument :

MSVOA_U

ClientSampleId :

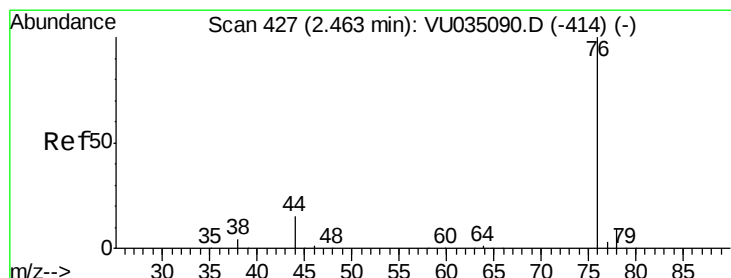
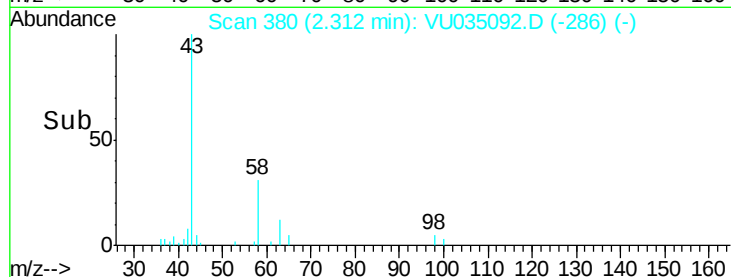
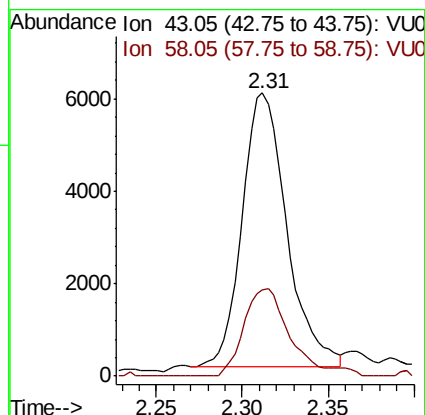
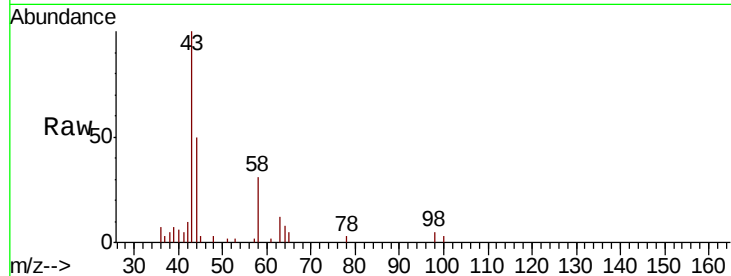
RB-1-191002-01

Tot Ion: 43 Resp: 10636

Ion Ratio Lower Upper

43 100

58 33.6 0.0 66.6



#14

Carbon disulfide

Concen: 0.333 ug/L

RT: 2.47 min Scan# 428

Delta R.T. 0.00 min

Lab File: VU035092.D

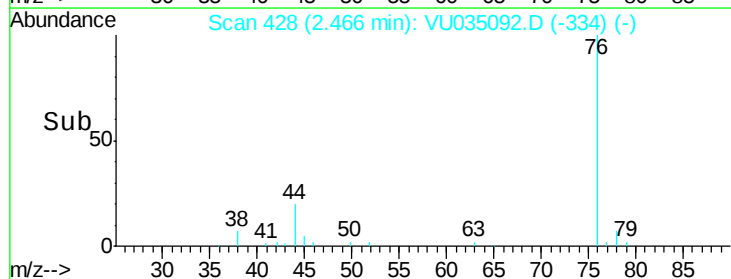
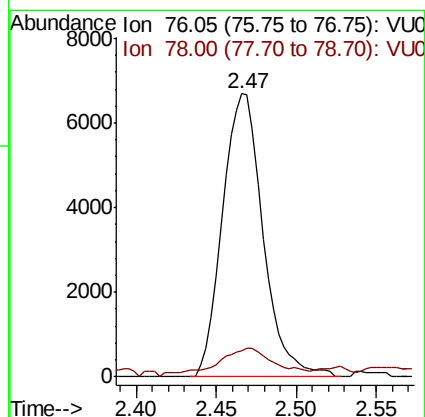
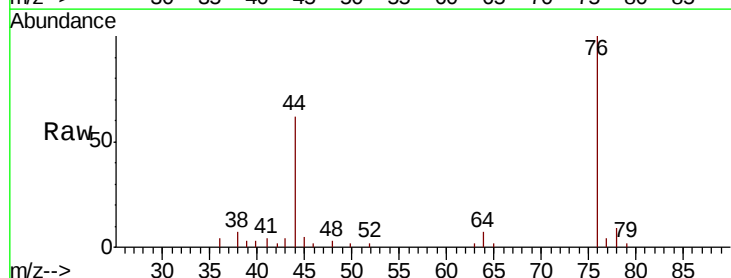
Acq: 11 Oct 2019 16:18

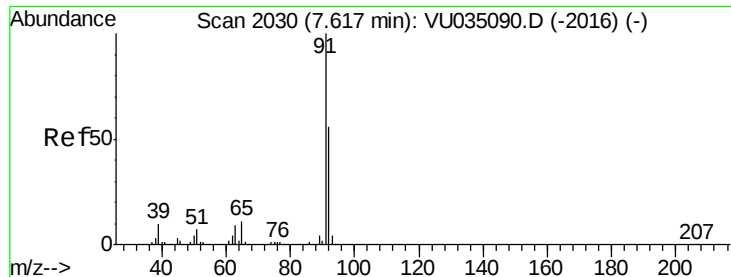
Tgt Ion: 76 Resp: 11604

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7





#42

Toluene

Concen: 0.528 ug/L

RT: 7.62 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VU035092.D

Acq: 11 Oct 2019 16:18

Instrument :

MSVOA_U

ClientSampleId :

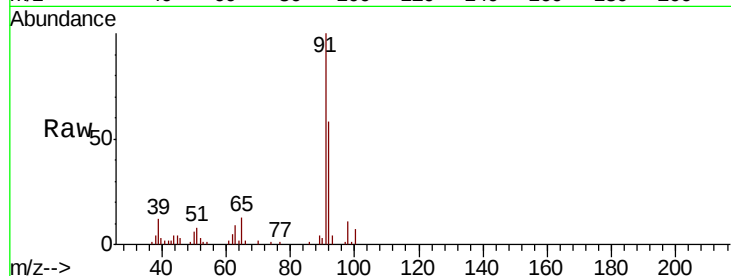
RB-1-191002-01

Tot Ion: 91 Resp: 27615

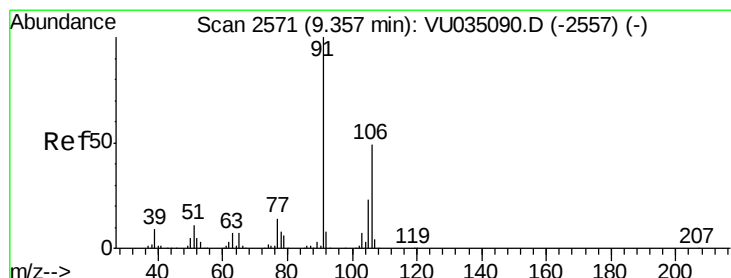
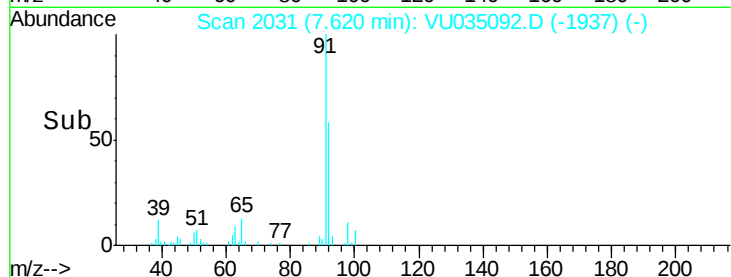
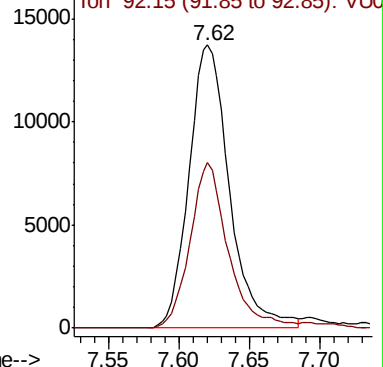
Ion Ratio Lower Upper

91 100

92 58.4 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU035092.D (-1937) (-)



#53

m,p-Xylene

Concen: 0.165 ug/L

RT: 9.36 min Scan# 2572

Delta R.T. 0.00 min

Lab File: VU035092.D

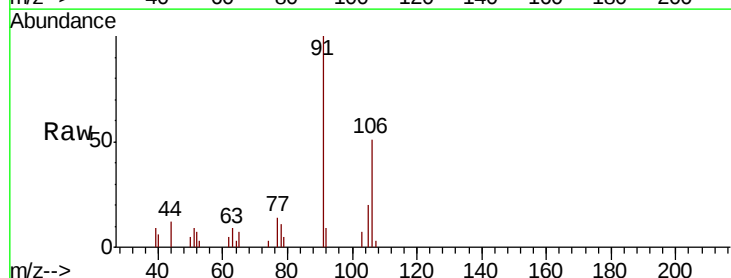
Acq: 11 Oct 2019 16:18

Tgt Ion: 106 Resp: 3514

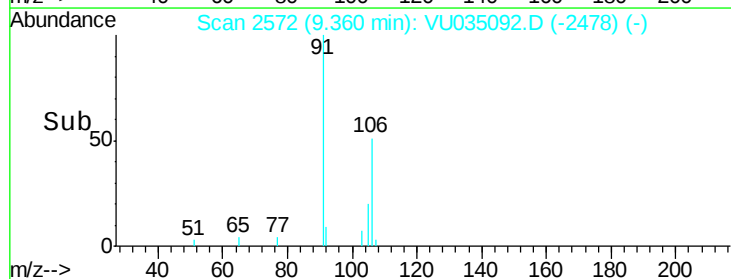
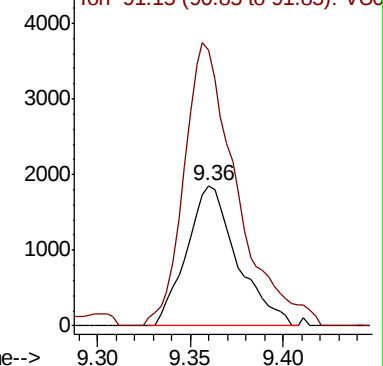
Ion Ratio Lower Upper

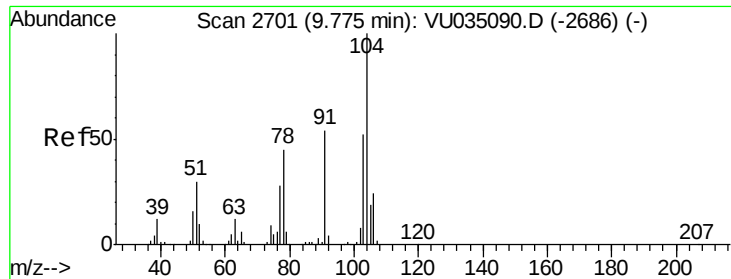
106 100

91 196.9 147.6 274.0



Abundance Ion 106.15 (105.85 to 106.85): VU035092.D (-2478) (-)





#55
 Stvrene
 Concen: 0.173 ug/L
 RT: 9.78 min Scan# 2703
 Delta R.T. 0.01 min
 Lab File: VU035092.D
 Acq: 11 Oct 2019 16:18

Instrument :
 MSVOA_U
 ClientSampleId :
 RB-1-191002-01

Tot Ion:104 Resp: 5857
 Ion Ratio Lower Upper
 104 100
 78 42.9 32.8 60.8

