

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061019\
 Data File : VU032560.D
 Acq On : 10 Jun 2019 12:57
 Operator : JC/SP
 Sample : K3278-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8C9

Quant Time: Jun 11 05:20:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 11 04:40:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	178904	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	167012	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	87641	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	64267	55.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	110.74%
7) Chloroethane-d5	1.68	69	52351	56.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.26%
11) 1,1-Dichloroethene-d2	2.27	63	97452	42.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.76%
21) 2-Butanone-d5	4.17	46	122300	125.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	125.91%
24) Chloroform-d	4.64	84	122721	56.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.38%
26) 1,2-Dichloroethane-d4	5.30	65	82334	60.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	120.74%
32) Benzene-d6	5.33	84	258573	59.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.28%
36) 1,2-Dichloropropane-d6	6.32	67	81570	60.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	120.00%
41) Toluene-d8	7.56	98	239113	58.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.32%
43) trans-1,3-Dichloropropene-	7.85	79	38781	59.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	119.22%
47) 2-Hexanone-d5	8.31	63	78595	119.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.18%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	114968	58.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	116.72%
64) 1,2-Dichlorobenzene-d4	11.85	152	100419	59.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	119.64%

Target Compounds

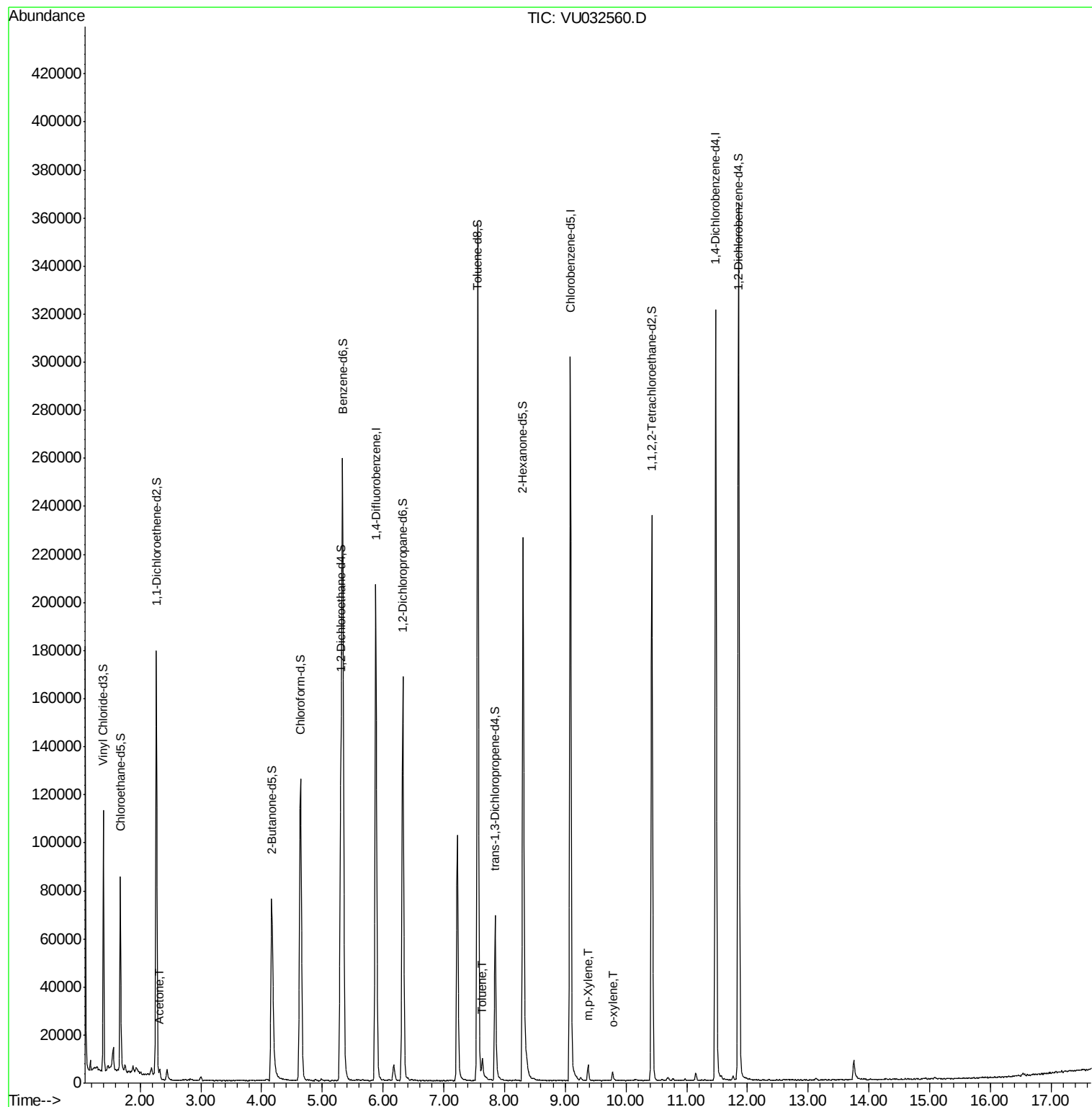
					Ovalue
13) Acetone	2.32	43	3152	3.145 ug/L	99
42) Toluene	7.64	91	6605	1.285 ug/L	99
53) m,p-Xylene	9.38	106	2022	0.928 ug/L	89
54) o-xylene	9.78	106	1208	0.559 ug/L	98

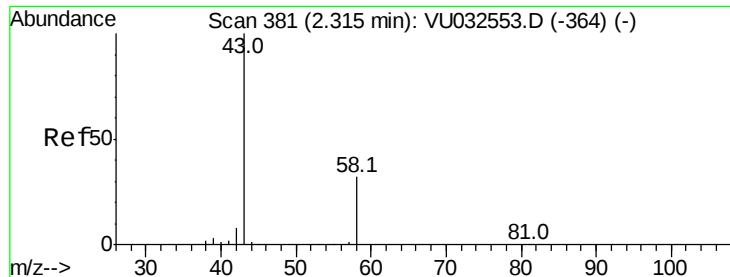
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.145 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032560.D

Acq: 10 Jun 2019 12:57

Instrument :

MSVOA_U

ClientSampleId :

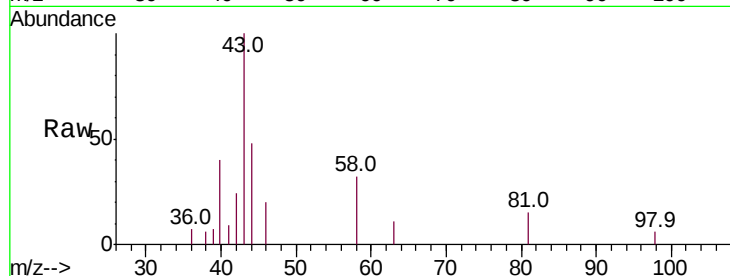
DB8C9

Tot Ion: 43 Resp: 3152

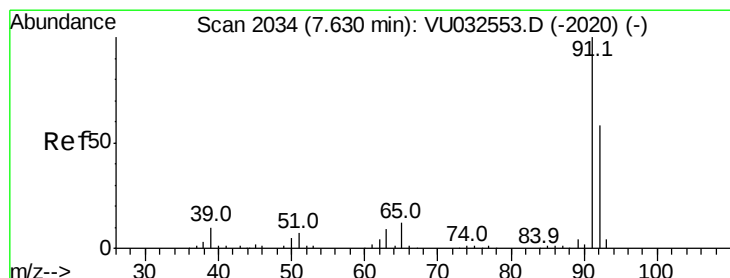
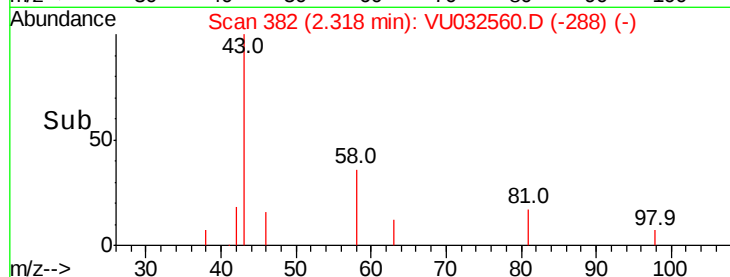
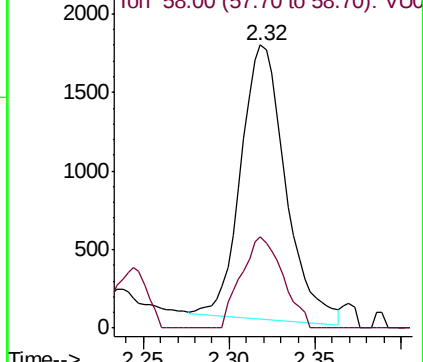
Ion Ratio Lower Upper

43 100

58 31.2 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032553.D (-364) (-)



#42

Toluene

Concen: 1.285 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.01 min

Lab File: VU032560.D

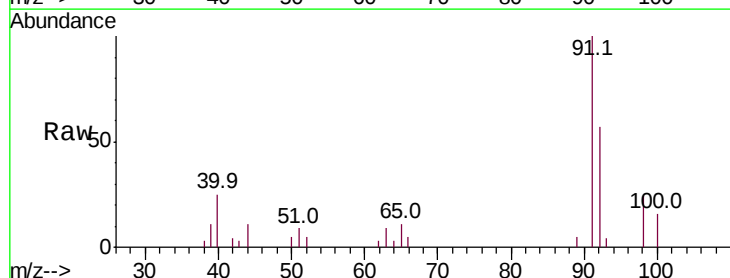
Acq: 10 Jun 2019 12:57

Tgt Ion: 91 Resp: 6605

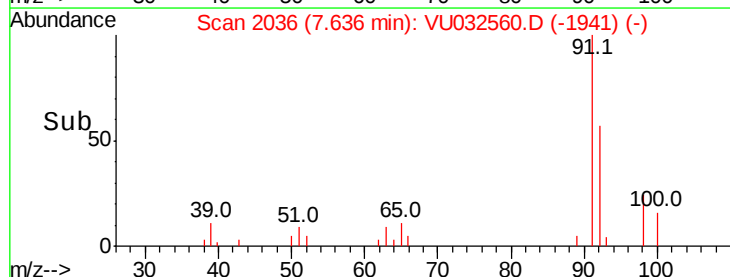
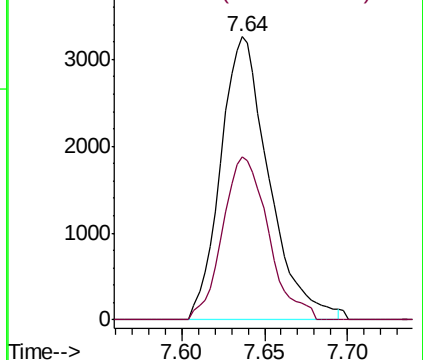
Ion Ratio Lower Upper

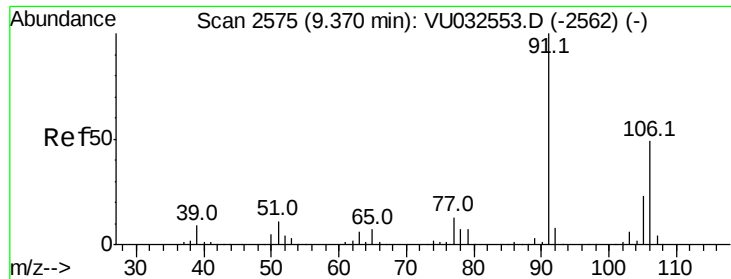
91 100

92 57.5 39.7 73.7



Abundance Ion 91.00 (90.70 to 91.70): VU032553.D (-2020) (-)

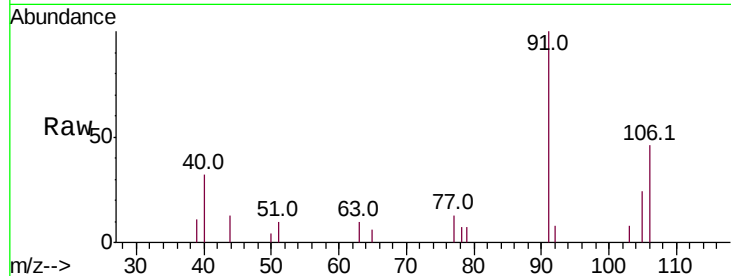




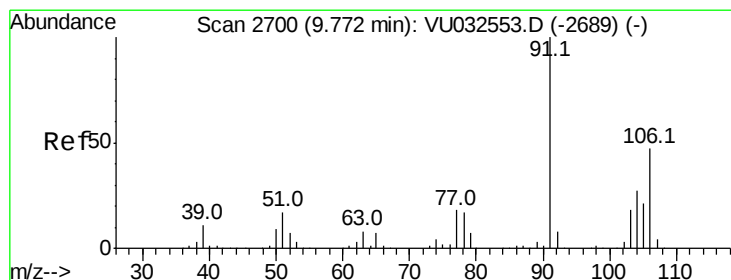
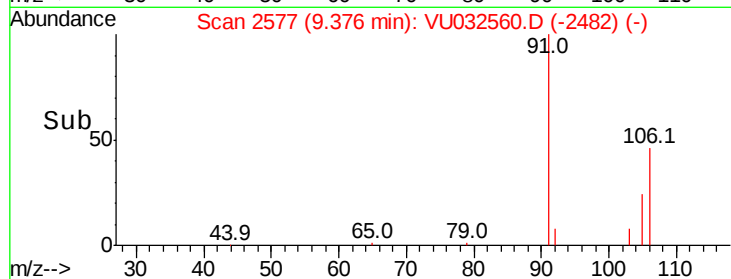
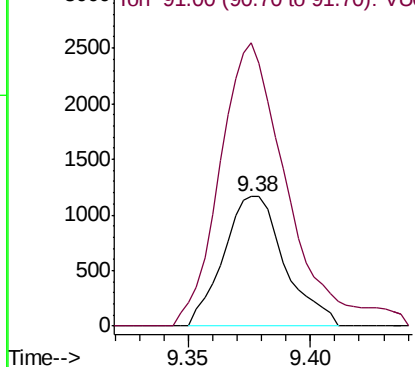
#53
m,p-Xylene
Concen: 0.928 ug/L
RT: 9.38 min Scan# 2577
Delta R.T. 0.01 min
Lab File: VU032560.D
Acq: 10 Jun 2019 12:57

Instrument :
MSVOA_U
ClientSampleId :
DB8C9

Tot Ion:106 Resp: 2022
Ion Ratio Lower Upper
106 100
91 218.6 141.7 263.1

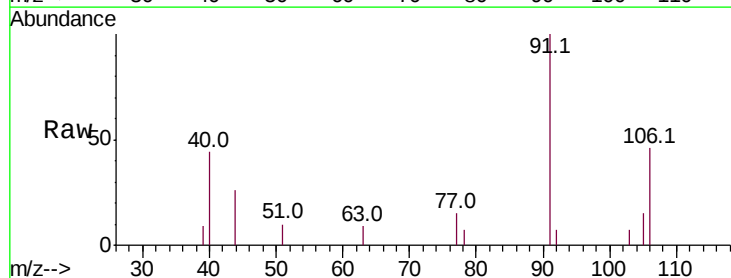


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0



#54
o-xylene
Concen: 0.559 ug/L
RT: 9.78 min Scan# 2703
Delta R.T. 0.01 min
Lab File: VU032560.D
Acq: 10 Jun 2019 12:57

Tgt Ion:106 Resp: 1208
Ion Ratio Lower Upper
106 100
91 217.9 150.1 278.7



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

