

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042719\
 Data File : VU031533.D
 Acq On : 26 Apr 2019 15:19
 Operator : JC/SP
 Sample : K2481-20ME
 Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAHX3ME

Quant Time: May 03 02:27:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 27 00:11:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	916744	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	875169	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	406126	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	333280	43.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.88%
7) Chloroethane-d5	1.68	69	218351	36.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.66%
11) 1,1-Dichloroethene-d2	2.24	63	478078	31.29	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.58%
21) 2-Butanone-d5	4.21	46	582406	83.78	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.78%
24) Chloroform-d	4.64	84	536160	38.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.32%
26) 1,2-Dichloroethane-d4	5.31	65	363848	39.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.26%
32) Benzene-d6	5.33	84	1156601	43.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.08%
36) 1,2-Dichloropropane-d6	6.32	67	402202	42.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.08%
41) Toluene-d8	7.56	98	1024487	43.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.54%
43) trans-1,3-Dichloropropene-	7.85	79	178290	43.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.86%
47) 2-Hexanone-d5	8.34	63	418043	102.15	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.15%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	504390	39.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	373489	43.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.46%

Target Compounds

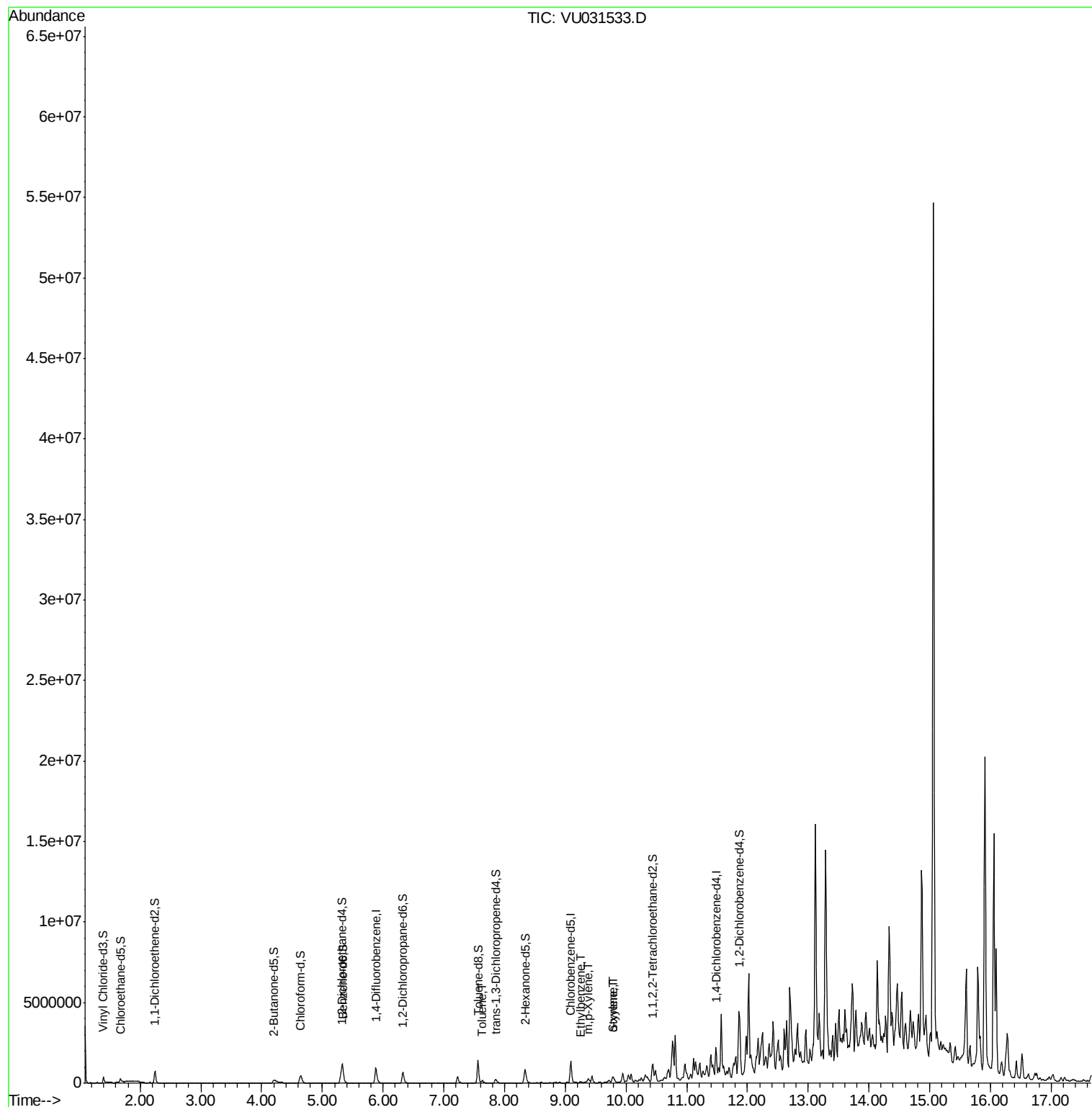
					Ovalue
42) Toluene	7.64	91	109803	3.426 ug/L	99
52) Ethylbenzene	9.25	91	46979	1.413 ug/L	94
53) m,p-Xylene	9.38	106	66104	5.707 ug/L	96
54) o-xylene	9.78	106	84974	7.399 ug/L	88
55) Styrene	9.80	104	78494	4.001 ug/L	98

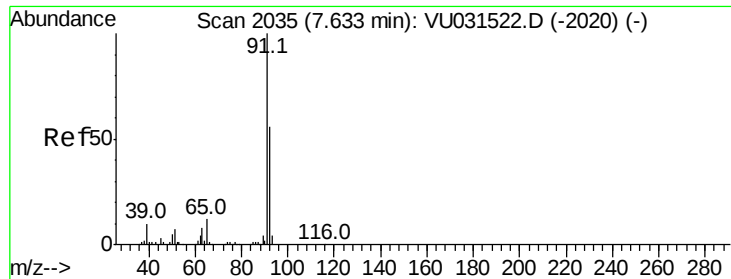
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Apr 27 00:11:31 2019
Response via : Initial Calibration





#42

Toluene

Concen: 3.426 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU031533.D

Acq: 26 Apr 2019 15:19

Instrument :

MSVOA_U

ClientSampleId :

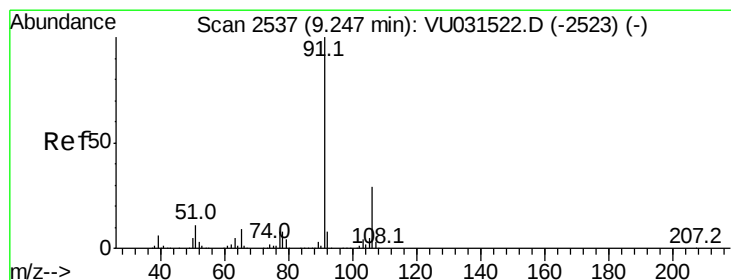
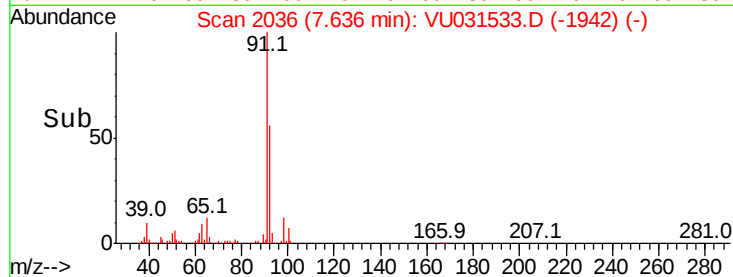
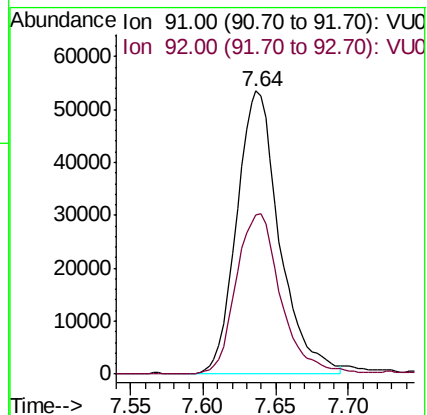
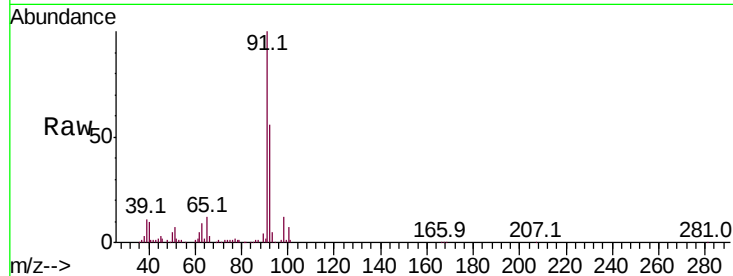
GAHX3ME

Tot Ion: 91 Resp: 109803

Ion Ratio Lower Upper

91 100

92 56.2 39.0 72.4



#52

Ethylbenzene

Concen: 1.413 ug/L

RT: 9.25 min Scan# 2539

Delta R.T. 0.01 min

Lab File: VU031533.D

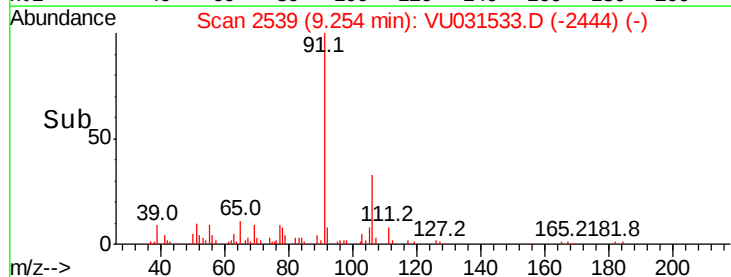
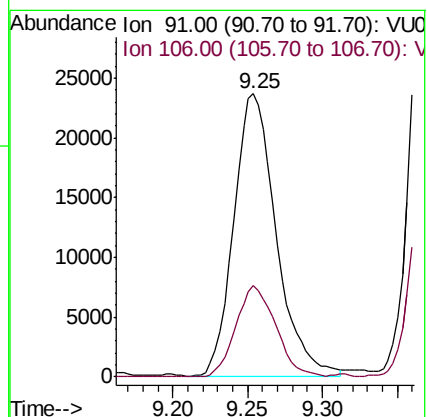
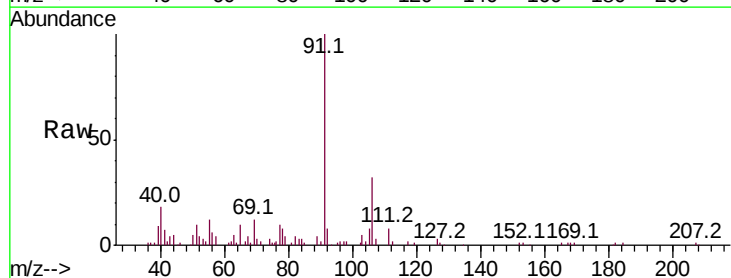
Acq: 26 Apr 2019 15:19

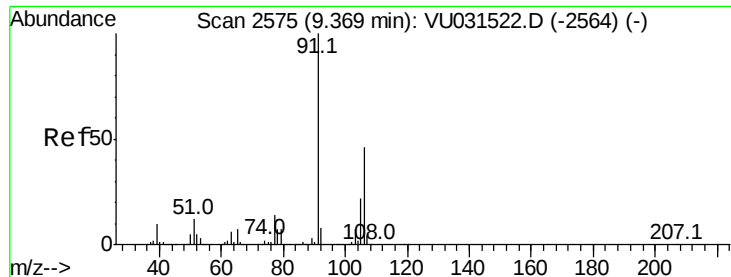
Tgt Ion: 91 Resp: 46979

Ion Ratio Lower Upper

91 100

106 32.3 20.4 37.8





#53

m,p-Xylene

Concen: 5.707 ug/L

RT: 9.38 min Scan# 2577

Delta R.T. 0.01 min

Lab File: VU031533.D

Acq: 26 Apr 2019 15:19

Instrument :

MSVOA_U

ClientSampleId :

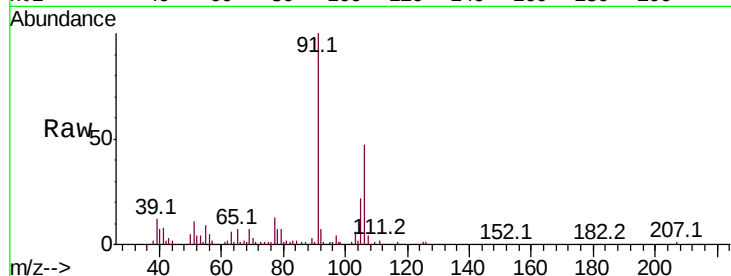
GAHX3ME

Tot Ion:106 Resp: 66104

Ion Ratio Lower Upper

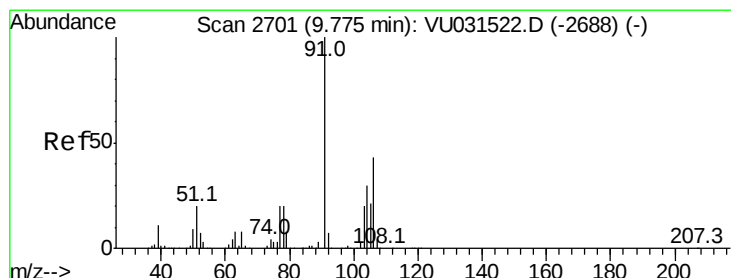
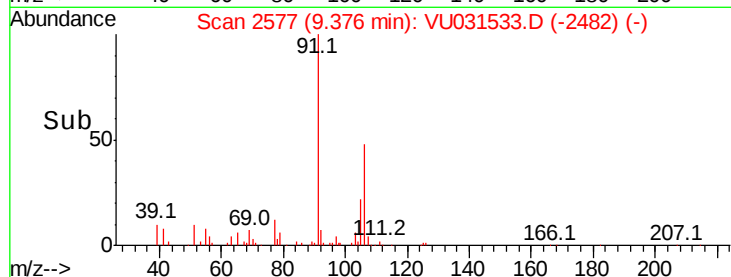
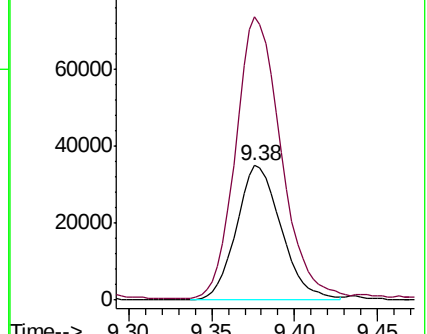
106 100

91 210.8 152.2 282.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 7.399 ug/L

RT: 9.78 min Scan# 2703

Delta R.T. 0.01 min

Lab File: VU031533.D

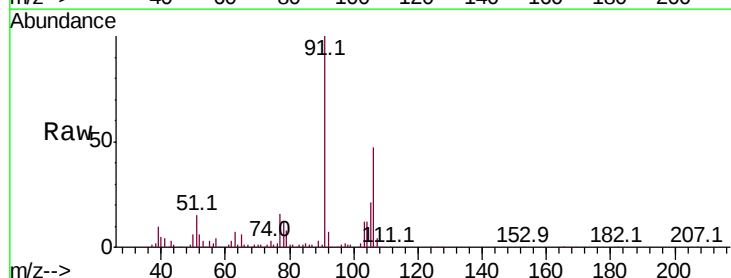
Acq: 26 Apr 2019 15:19

Tgt Ion:106 Resp: 84974

Ion Ratio Lower Upper

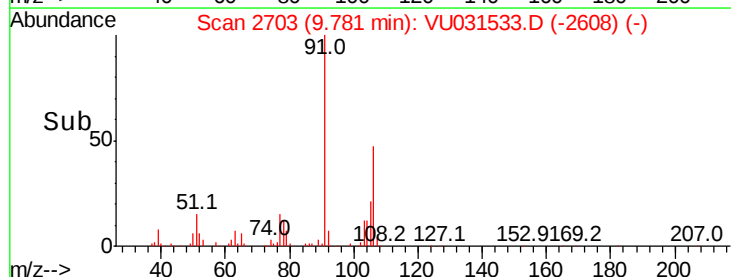
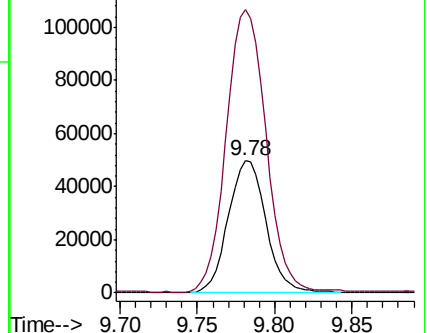
106 100

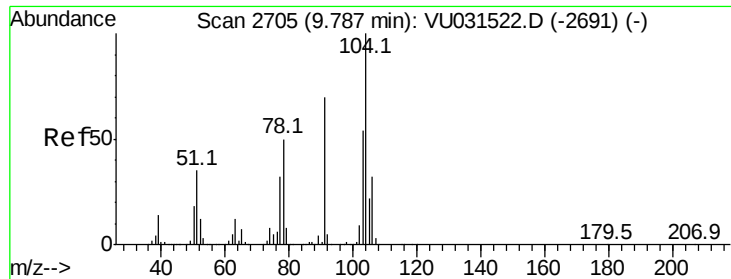
91 213.9 163.2 303.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





#55

Stvrene

Concen: 4.001 ug/L

RT: 9.80 min Scan# 2709

Delta R.T. 0.01 min

Lab File: VU031533.D

Acq: 26 Apr 2019 15:19

Instrument :

MSVOA_U

ClientSampleId :

GAHX3ME

Tot Ion:104 Resp: 78494

Ion Ratio Lower Upper

104 100

78 48.8 35.4 65.7

