

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060719\
 Data File : VU032536.D
 Acq On : 07 Jun 2019 12:18
 Operator : JC/SP
 Sample : K3215-10DL 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8J4DL

Quant Time: Jun 07 23:04:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 07 22:19:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	212797	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	195127	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	101944	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	75115	54.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.82%
7) Chloroethane-d5	1.68	69	59060	53.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.46%
11) 1,1-Dichloroethene-d2	2.27	63	107304	39.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.40%
21) 2-Butanone-d5	4.17	46	119381	103.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.33%
24) Chloroform-d	4.64	84	125995	48.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.86%
26) 1,2-Dichloroethane-d4	5.30	65	83833	51.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.36%
32) Benzene-d6	5.33	84	270722	53.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.88%
36) 1,2-Dichloropropane-d6	6.32	67	84819	53.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.80%
41) Toluene-d8	7.56	98	250493	52.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.30%
43) trans-1,3-Dichloropropene-	7.85	79	39393	51.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.64%
47) 2-Hexanone-d5	8.31	63	84203	109.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.29%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	122312	53.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.28%
64) 1,2-Dichlorobenzene-d4	11.86	152	102396	52.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.88%

Target Compounds

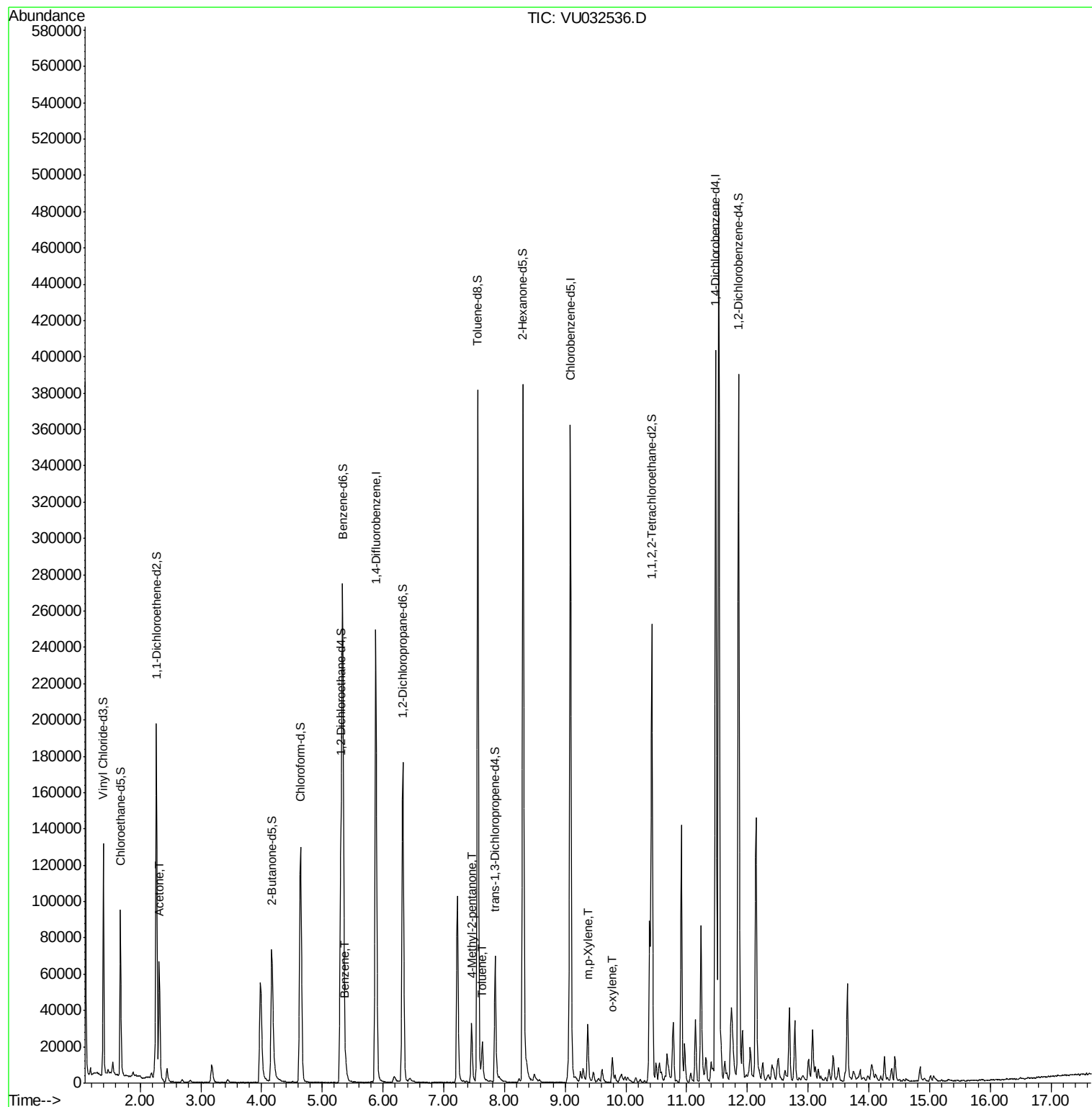
					Ovalue
13) Acetone	2.32	43	66048	55.404	ug/L 99
33) Benzene	5.38	78	8737	1.594	ug/L 100
40) 4-Methyl-2-pentanone	7.46	43	23650	10.115	ug/L 98
42) Toluene	7.64	91	16357	2.724	ug/L 97
53) m,p-Xylene	9.37	106	5330	2.094	ug/L 95
54) o-xylene	9.78	106	3752	1.485	ug/L 92

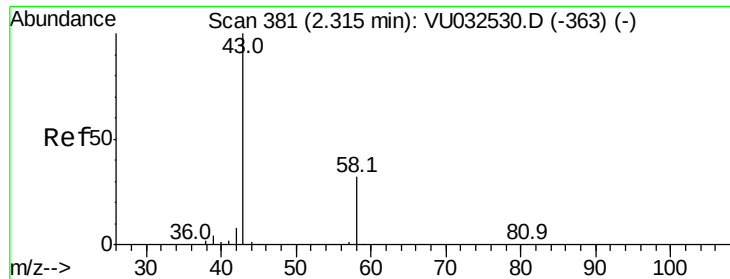
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 07 22:19:39 2019
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#13

Acetone

Concen: 55.404 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU032536.D

Acq: 07 Jun 2019 12:18

Instrument :

MSVOA_U

ClientSampleId :

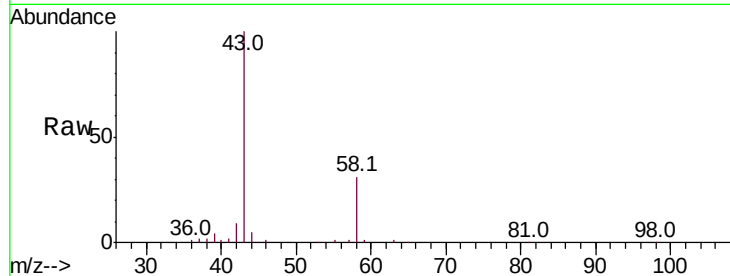
DB8J4DL

Tot Ion: 43 Resp: 66048

Ion Ratio Lower Upper

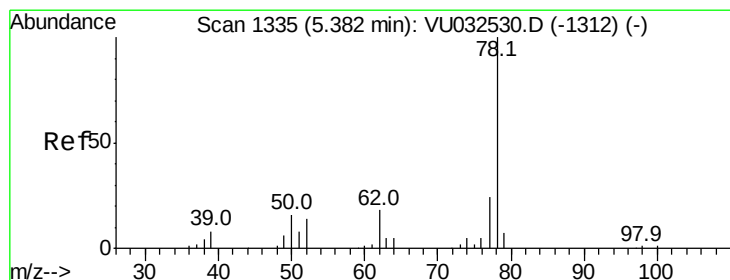
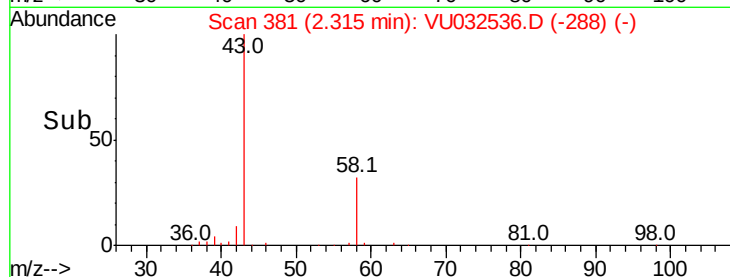
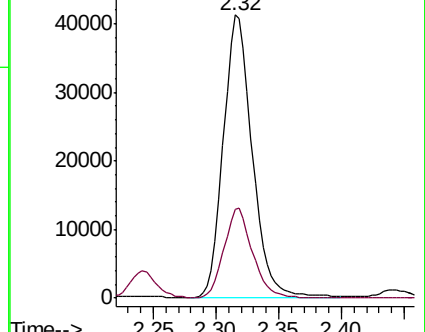
43 100

58 31.6 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032536.D (-288) (-)

Ion 58.00 (57.70 to 58.70): VU032536.D (-288) (-)



#33

Benzene

Concen: 1.594 ug/L

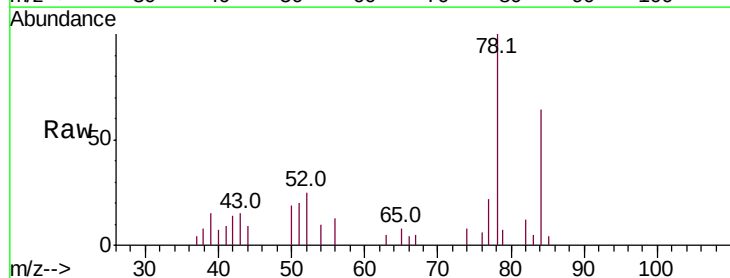
RT: 5.38 min Scan# 1335

Delta R.T. 0.00 min

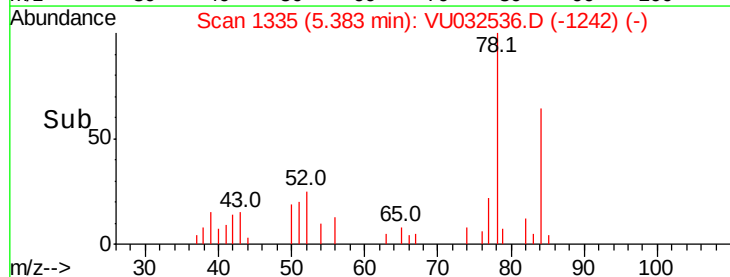
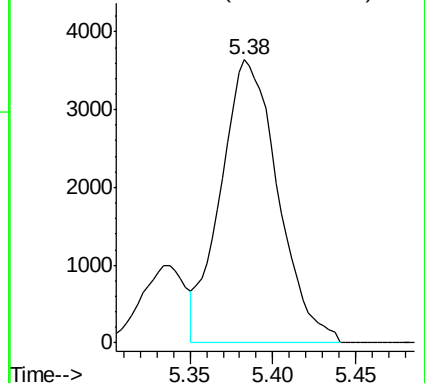
Lab File: VU032536.D

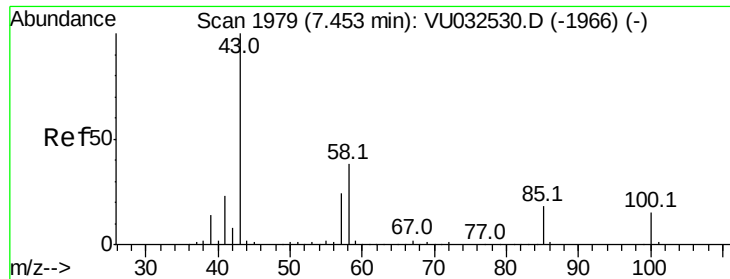
Acq: 07 Jun 2019 12:18

Tgt Ion: 78 Resp: 8737



Abundance Ion 78.00 (77.70 to 78.70): VU032536.D (-1242) (-)

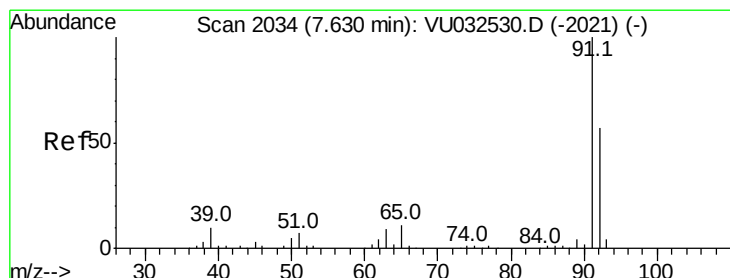
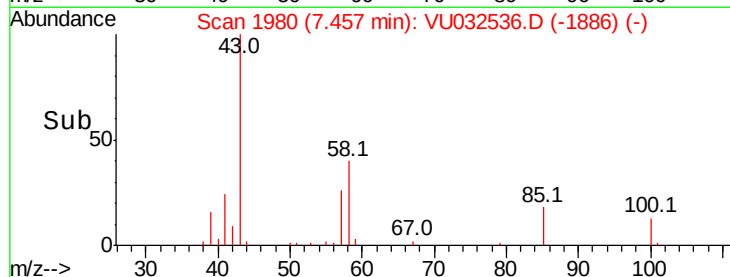
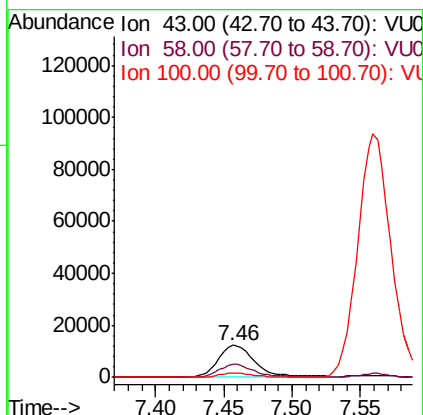
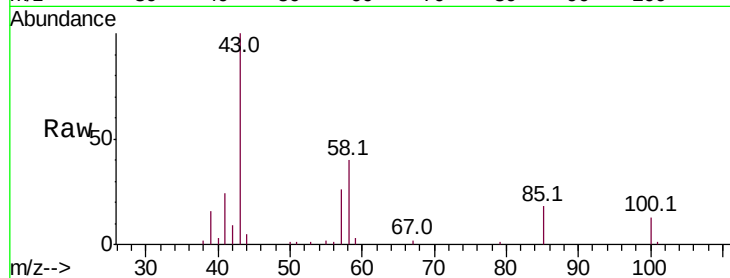




#40
4-Methyl-2-pentanone
Concen: 10.115 ug/L
RT: 7.46 min Scan# 1980
Delta R.T. 0.00 min
Lab File: VU032536.D
Acq: 07 Jun 2019 12:18

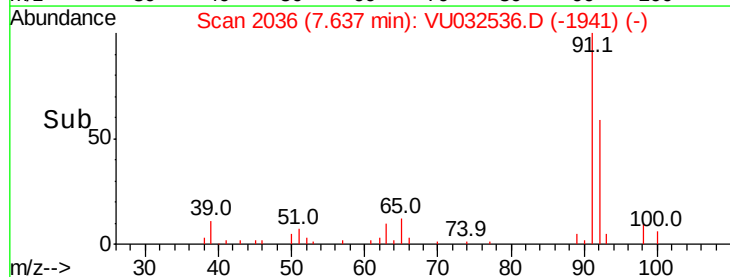
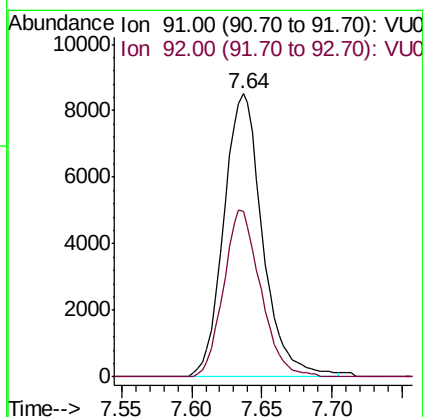
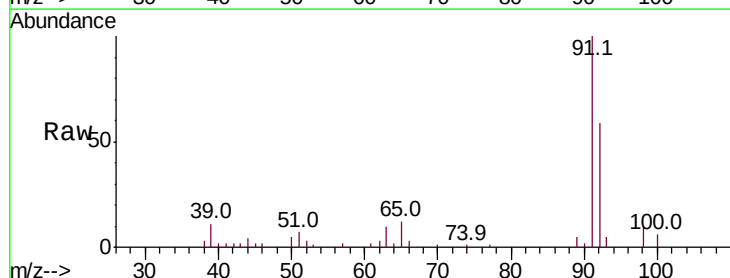
Instrument :
MSVOA_U
ClientSampleId :
DB8J4DL

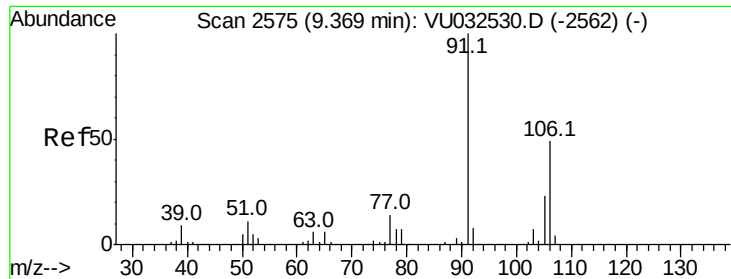
Tot Ion: 43 Resp: 23650
Ion Ratio Lower Upper
43 100
58 38.1 30.8 46.2
100 12.3 12.1 18.1



#42
Toluene
Concen: 2.724 ug/L
RT: 7.64 min Scan# 2036
Delta R.T. 0.01 min
Lab File: VU032536.D
Acq: 07 Jun 2019 12:18

Tgt Ion: 91 Resp: 16357
Ion Ratio Lower Upper
91 100
92 58.6 39.7 73.7





#53

m,p-Xylene

Concen: 2.094 ug/L

RT: 9.37 min Scan# 2575

Delta R.T. 0.00 min

Lab File: VU032536.D

Acq: 07 Jun 2019 12:18

Instrument :

MSVOA_U

ClientSampleId :

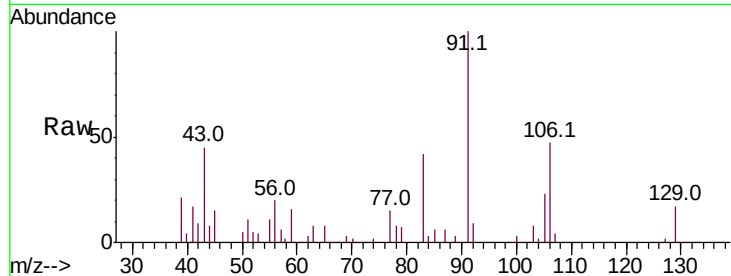
DB8J4DL

Tot Ion:106 Resp: 5330

Ion Ratio Lower Upper

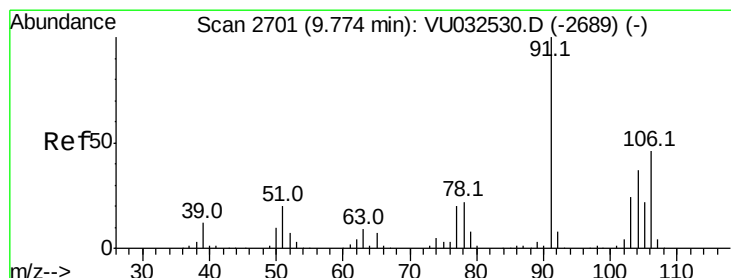
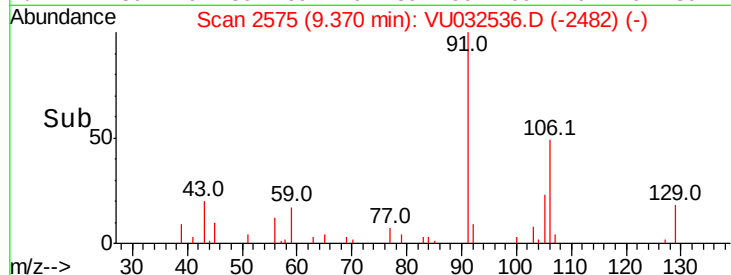
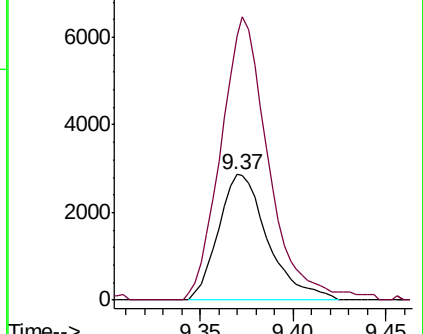
106 100

91 210.7 141.7 263.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 1.485 ug/L

RT: 9.78 min Scan# 2702

Delta R.T. 0.00 min

Lab File: VU032536.D

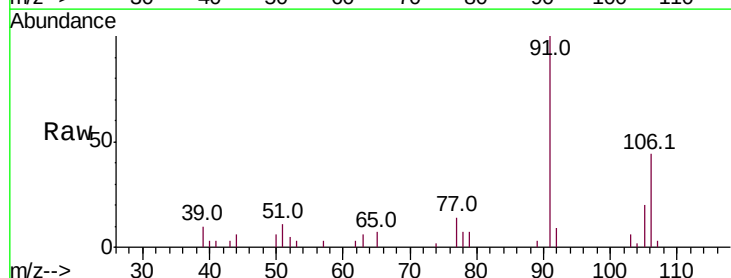
Acq: 07 Jun 2019 12:18

Tgt Ion:106 Resp: 3752

Ion Ratio Lower Upper

106 100

91 226.6 150.1 278.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

