

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091919\
 Data File : VU034675.D
 Acq On : 20 Sep 2019 02:30
 Operator : JC/SP
 Sample : K4895-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BPDF7

Quant Time: Sep 20 07:32:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 20 04:02:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	505801	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	482157	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	215017	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	225368	43.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.04%
7) Chloroethane-d5	1.67	69	187979	46.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.94%
11) 1,1-Dichloroethene-d2	2.26	63	304386	34.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.42%
21) 2-Butanone-d5	4.15	46	405358	102.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.14%
24) Chloroform-d	4.62	84	295482	39.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.50%
26) 1,2-Dichloroethane-d4	5.29	65	263843	47.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.36%
32) Benzene-d6	5.32	84	716974	47.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.96%
36) 1,2-Dichloropropane-d6	6.31	67	253999	48.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.26%
41) Toluene-d8	7.54	98	677235	47.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.26%
43) trans-1,3-Dichloropropene-	7.83	79	117244	46.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.72%
47) 2-Hexanone-d5	8.29	63	266465	101.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.57%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	231180	31.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	63.80%#
64) 1,2-Dichlorobenzene-d4	11.84	152	222319	49.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.62%

Target Compounds

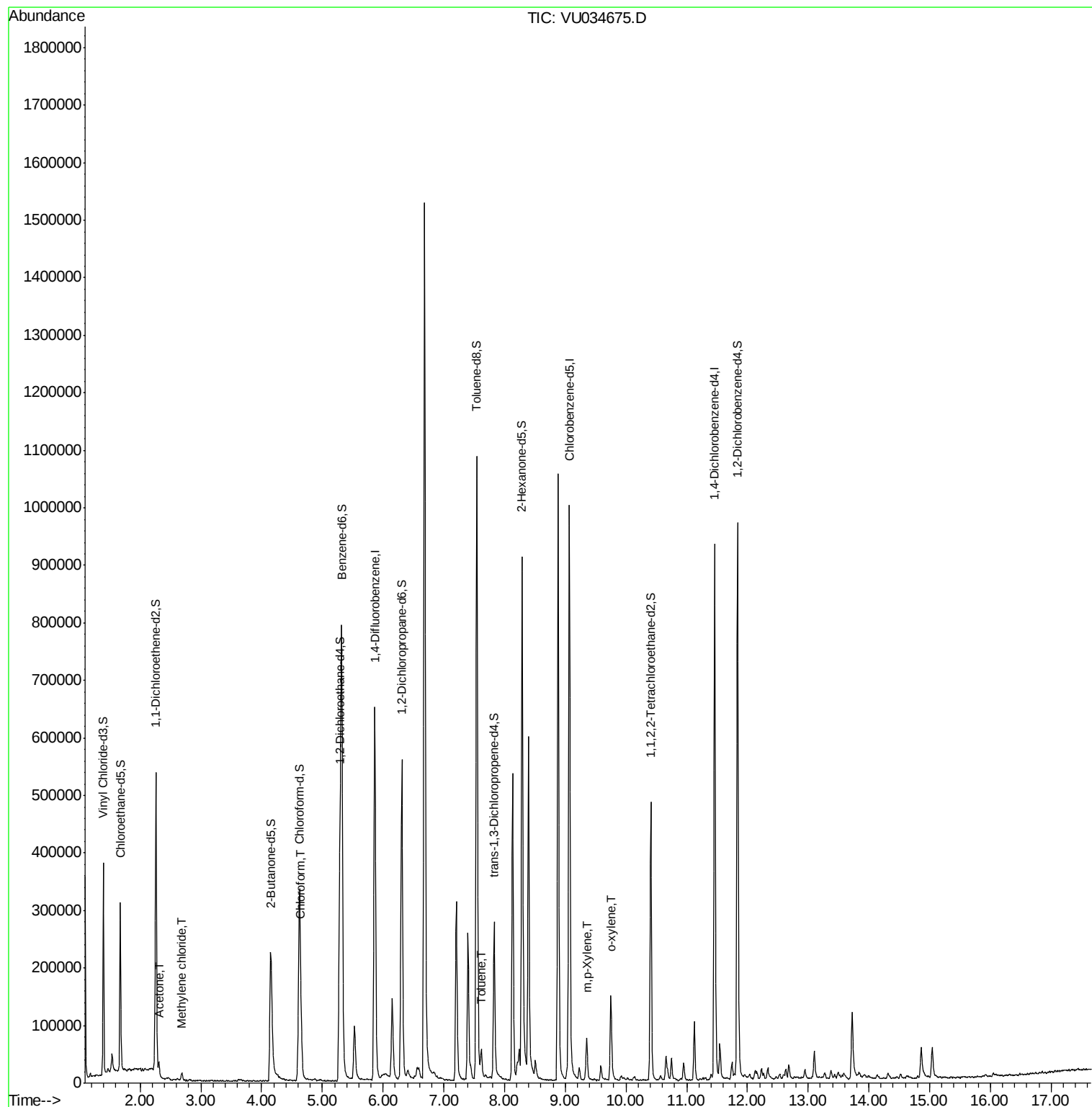
					Ovalue
13) Acetone	2.31	43	27115	5.874	ug/L 98
16) Methylene chloride	2.69	84	4743	1.131	ug/L 90
25) Chloroform	4.65	83	58188	7.119	ug/L 91
42) Toluene	7.62	91	29860	1.652	ug/L 100
53) m,p-Xylene	9.35	106	19702	2.733	ug/L 85
54) o-xylene	9.76	106	14131	1.982	ug/L 94

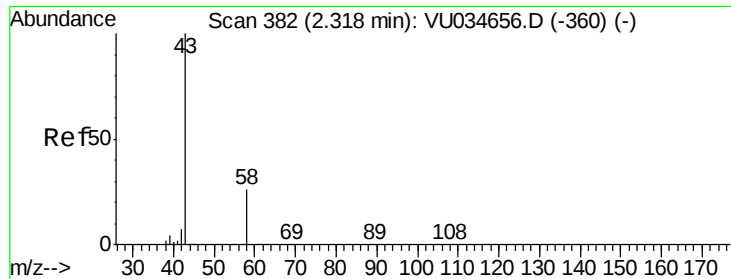
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Sep 20 04:02:05 2019
Response via : Initial Calibration





#13

Acetone

Concen: 5.874 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.01 min

Lab File: VU034675.D

Acq: 20 Sep 2019 02:30

Instrument :

MSVOA_U

ClientSampleId :

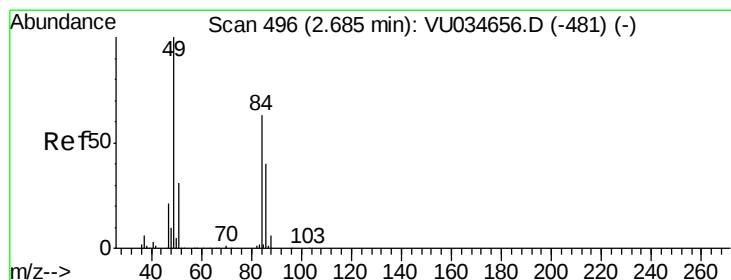
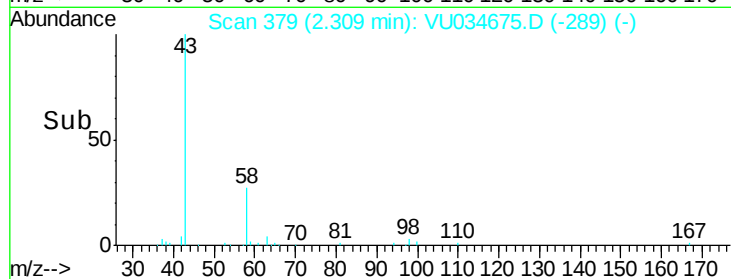
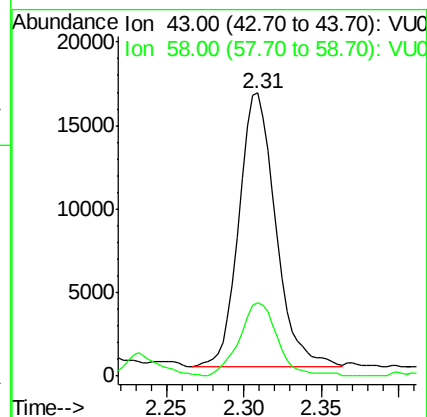
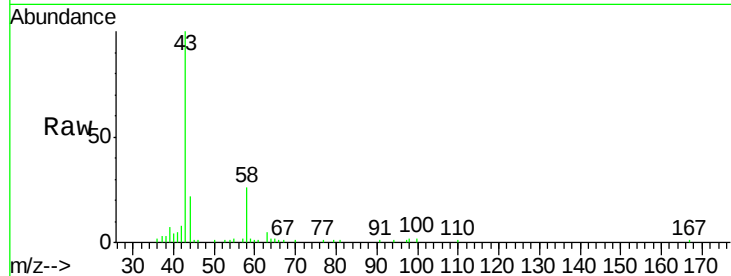
BDF7

Tot Ion: 43 Resp: 27115

Ion Ratio Lower Upper

43 100

58 27.5 0.0 53.4



#16

Methylene chloride

Concen: 1.131 ug/L

RT: 2.69 min Scan# 497

Delta R.T. 0.00 min

Lab File: VU034675.D

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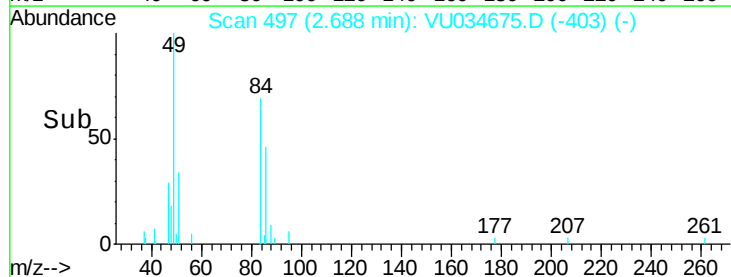
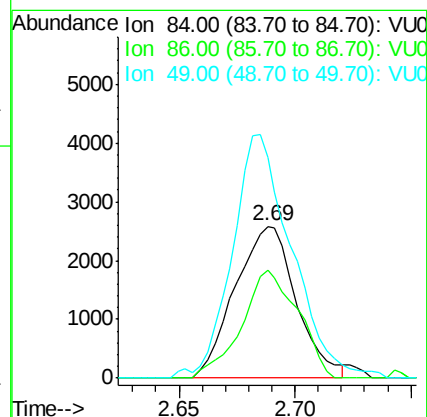
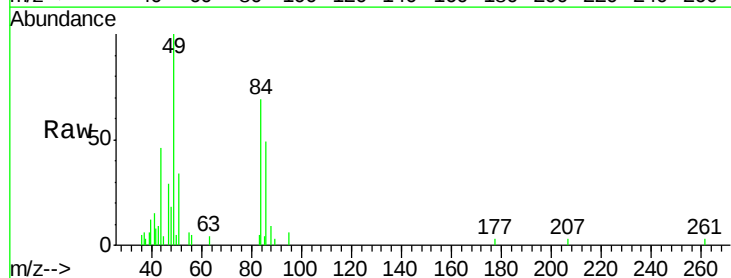
Tgt Ion: 84 Resp: 4743

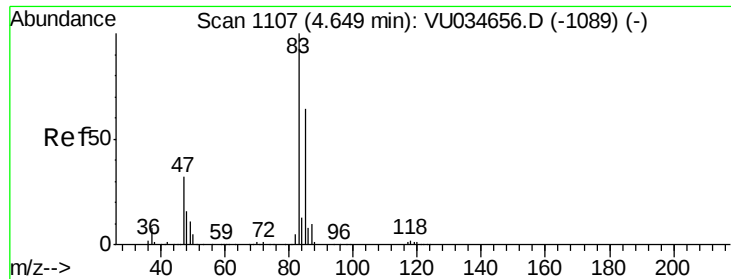
Ion Ratio Lower Upper

84 100

86 71.3 43.0 80.0

49 145.0 109.7 203.7





#25

Chloroform

Concen: 7.119 ug/L

RT: 4.65 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VU034675.D

Acq: 20 Sep 2019 02:30

Instrument :

MSVOA_U

ClientSampleId :

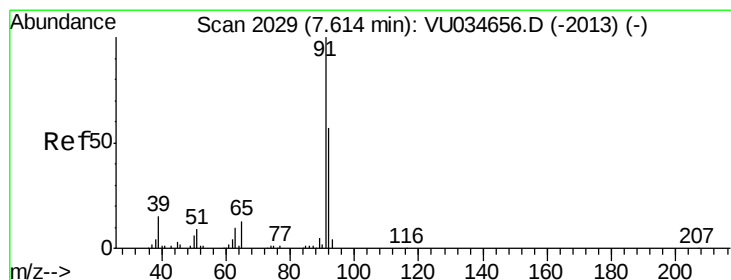
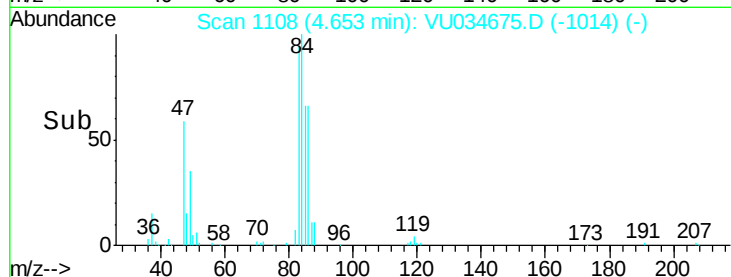
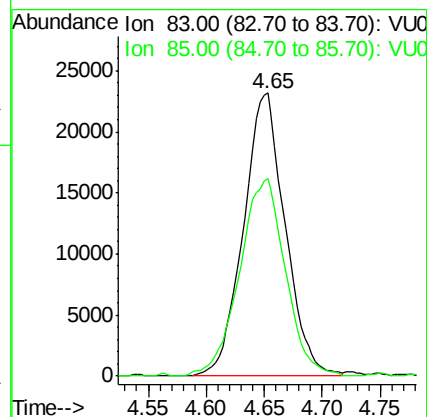
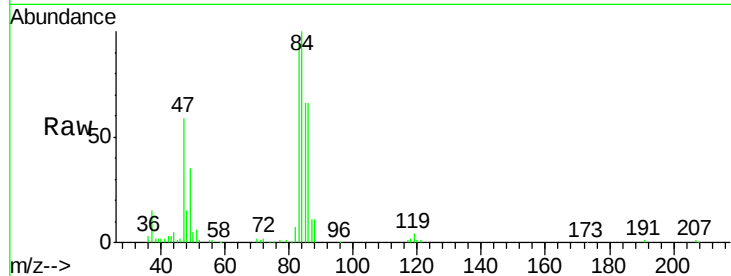
BDF7

Tot Ion: 83 Resp: 58188

Ion Ratio Lower Upper

83 100

85 69.8 44.0 81.6



#42

Toluene

Concen: 1.652 ug/L

RT: 7.62 min Scan# 2031

Delta R.T. 0.01 min

Lab File: VU034675.D

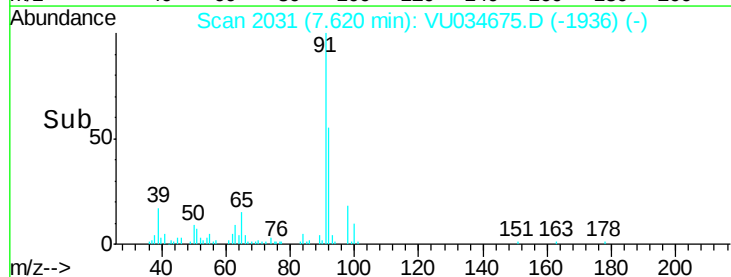
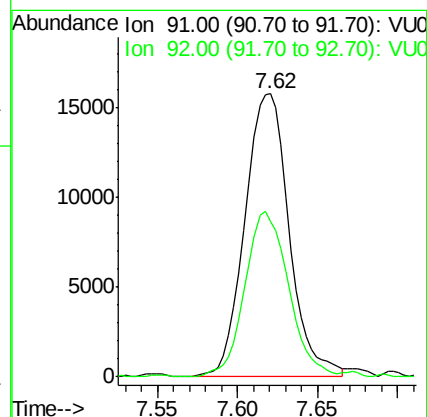
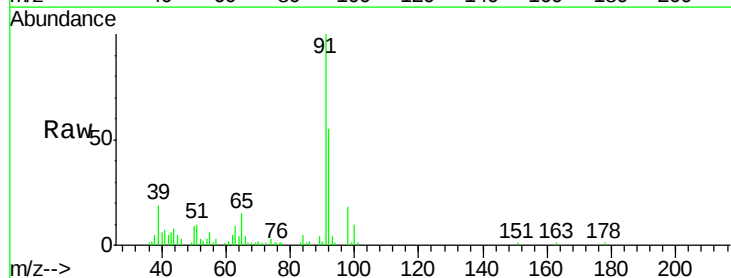
Acq: 20 Sep 2019 02:30

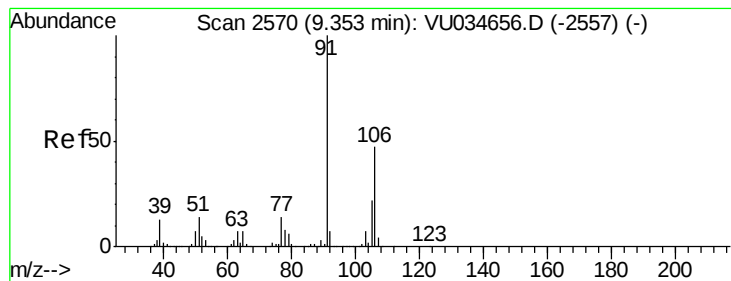
Tgt Ion: 91 Resp: 29860

Ion Ratio Lower Upper

91 100

92 54.8 38.2 71.0





#53

m,p-Xylene

Concen: 2.733 ug/L

RT: 9.35 min Scan# 2570

Delta R.T. 0.00 min

Lab File: VU034675.D

Acq: 20 Sep 2019 02:30

Instrument :

MSVOA_U

ClientSampleId :

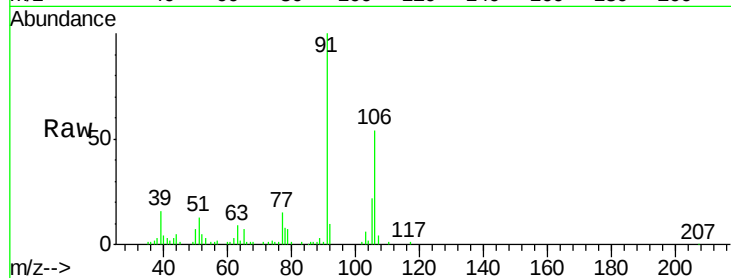
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Tot Ion:106 Resp: 19702

Ion Ratio Lower Upper

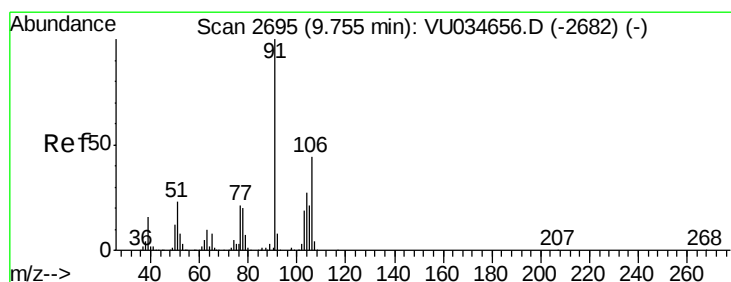
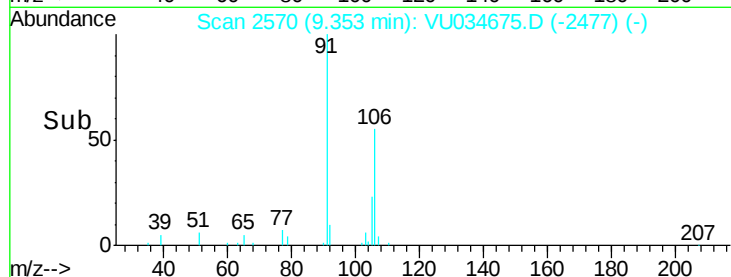
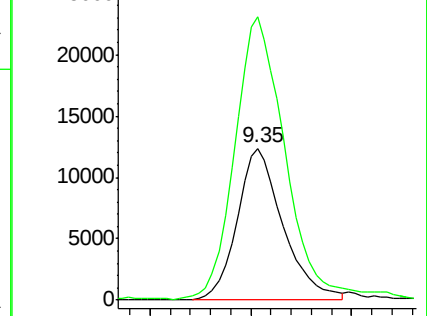
106 100

91 186.3 146.9 272.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 1.982 ug/L

RT: 9.76 min Scan# 2697

Delta R.T. 0.01 min

Lab File: VU034675.D

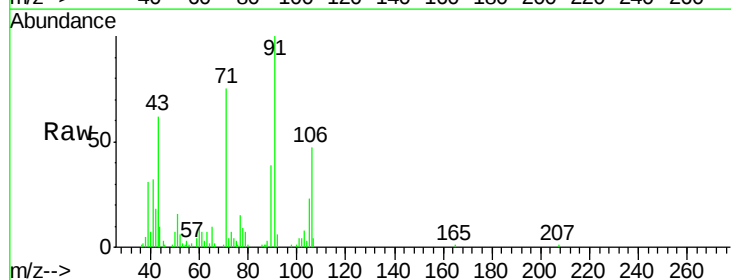
Acq: 20 Sep 2019 02:30

Tgt Ion:106 Resp: 14131

Ion Ratio Lower Upper

106 100

91 213.3 155.6 289.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

