

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR110618\
 Data File : VR026189.D
 Acq On : 6 Nov 2018 12:51
 Operator : SY/MD
 Sample : J5801-03
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 F9D02

Quant Time: Nov 06 16:16:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 06 15:50:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	758263	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	624782	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	263498	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.17	65	241733	3.64	ug/L	0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.80%
7) Chloroethane-d5	2.62	69	237091	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.20%
11) 1,1-Dichloroethene-d2	3.61	63	503799	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	6.58	46	255619	46.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.84%
24) Chloroform-d	7.20	84	475473	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	7.90	65	196273	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
32) Benzene-d6	7.85	84	928659	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	8.90	67	234736	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	9.97	98	861859	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	10.23	79	64478	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
46) 2-Hexanone-d5	10.59	63	241758	61.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.16%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	106128	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	209719	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

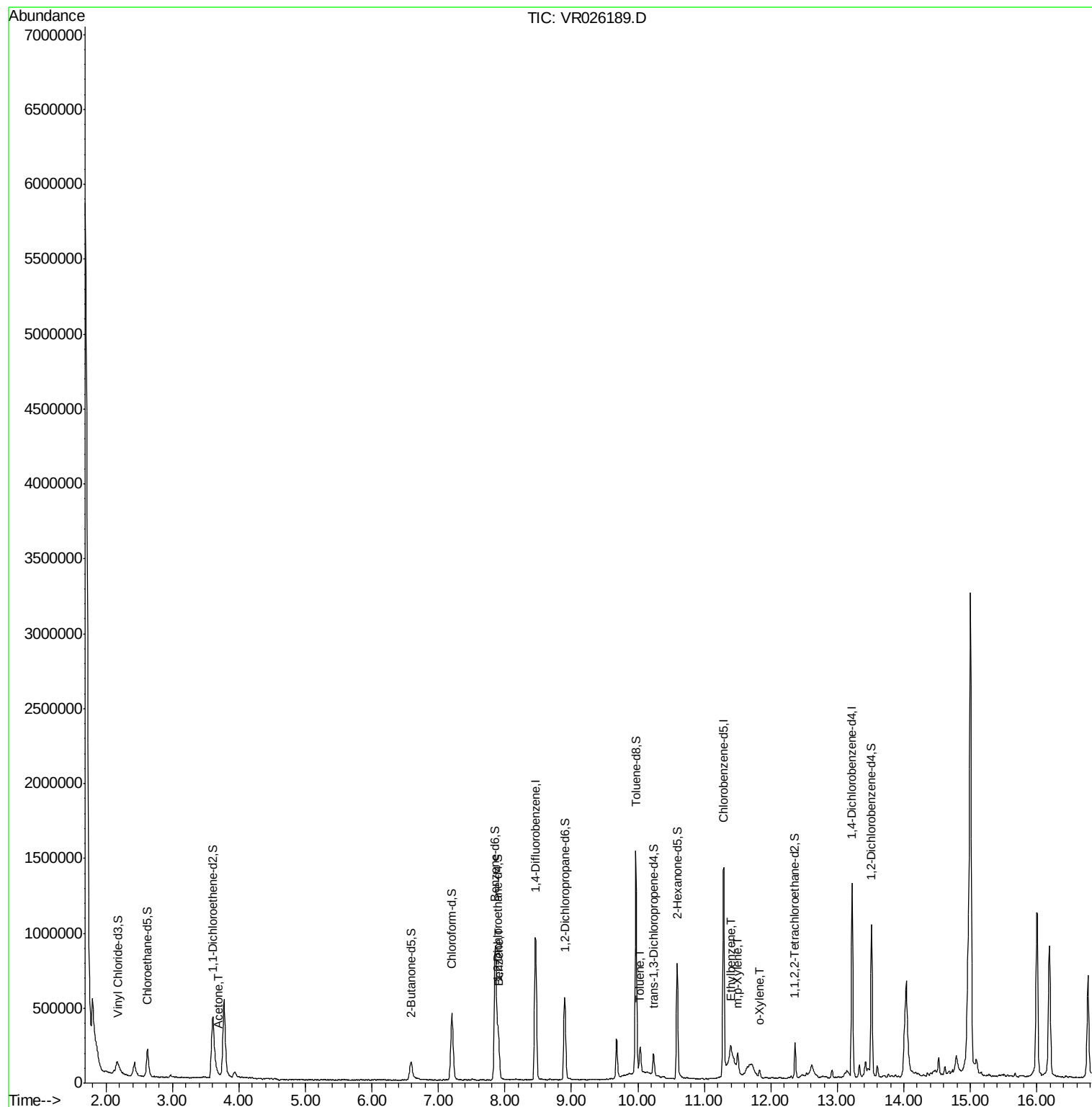
					Ovalue
13) Acetone	3.70	43	24847	4.412 ug/L	96
33) Benzene	7.91	78	120597	0.514 ug/L	100
42) Toluene	10.04	91	109929	0.444 ug/L	96
52) Ethylbenzene	11.39	91	41999	0.148 ug/L	99
53) m,p-Xylene	11.50	106	31567	0.305 ug/L	99
54) o-Xylene	11.83	106	11291	0.119 ug/L	100

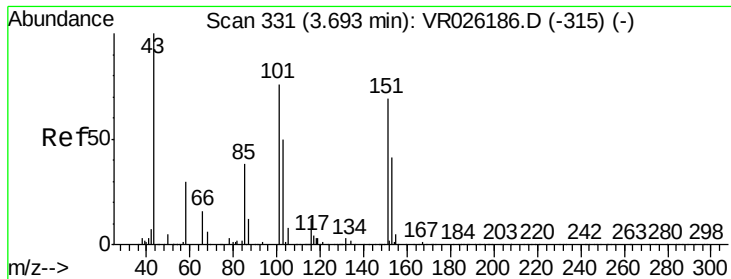
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 4.412 ug/L

RT: 3.70 min Scan# 332

Delta R.T. -0.00 min

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Acq: 6 Nov 2018 12:51

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MSVOA_R

ClientSampleId :

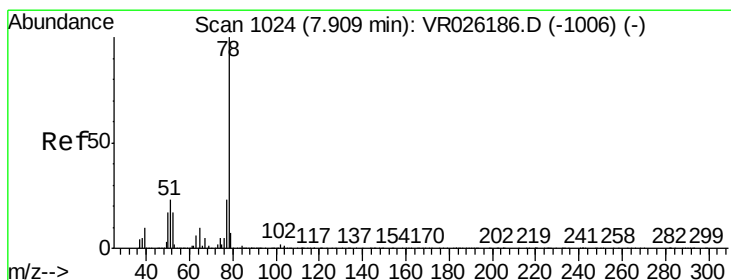
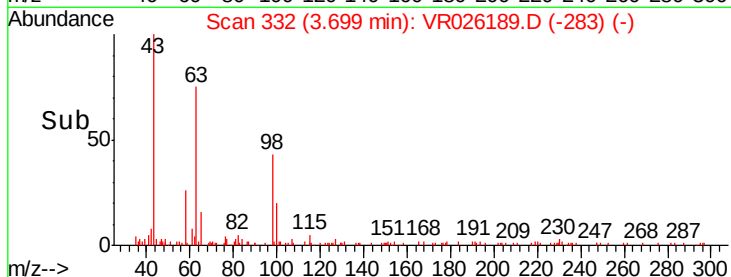
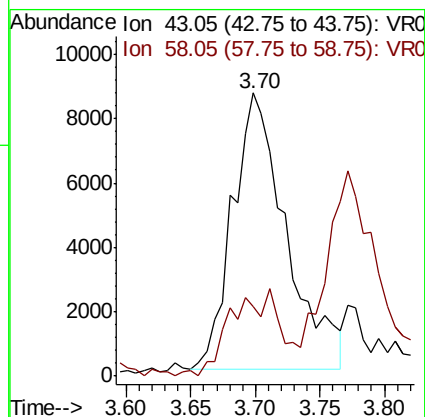
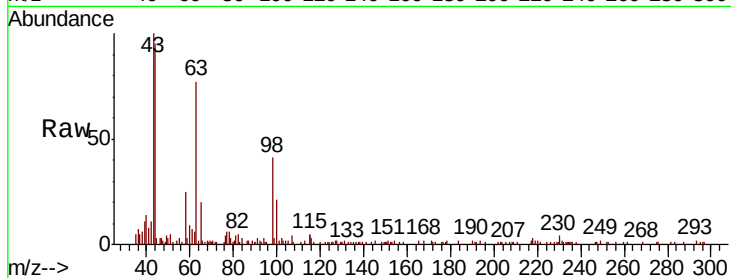
F9D02

Tot Ion: 43 Resp: 24847

Ion Ratio Lower Upper

43 100 0.0 55.4

58 30.0 0.0 55.4



#33

Benzene

Concen: 0.514 ug/L

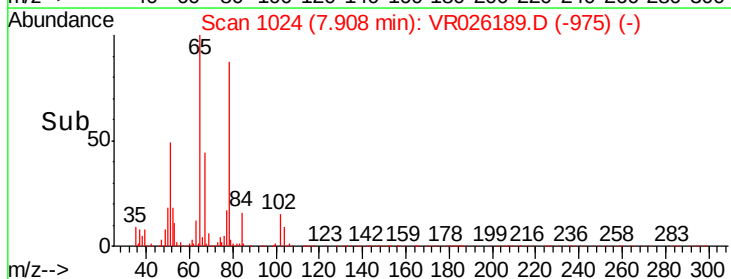
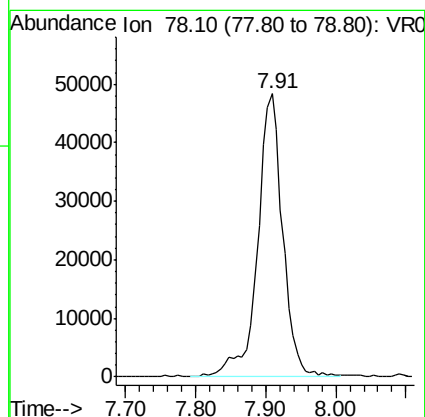
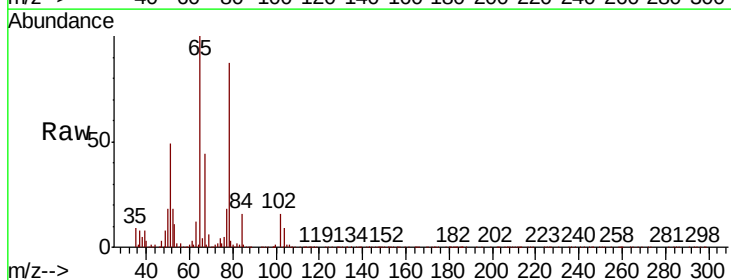
RT: 7.91 min Scan# 1024

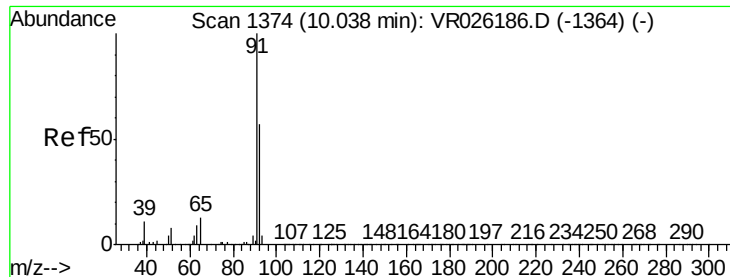
Delta R.T. -0.00 min

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Acq: 6 Nov 2018 12:51

Tgt Ion: 78 Resp: 120597





#42

Toluene

Concen: 0.444 ug/L

RT: 10.04 min Scan# 1374

Delta R.T. -0.00 min

Lab File: VR026189.D

Acq: 6 Nov 2018 12:51

Instrument :

MSVOA_R

ClientSampled :

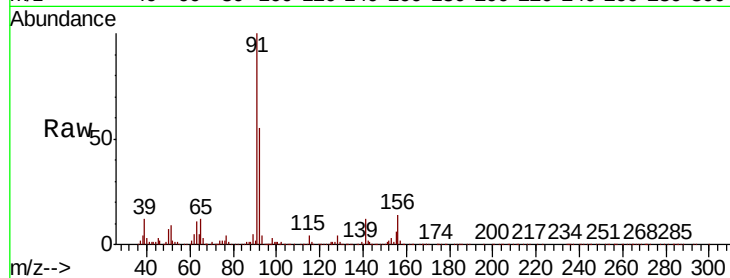
F9D02

Tot Ion: 91 Resp: 109929

Ion Ratio Lower Upper

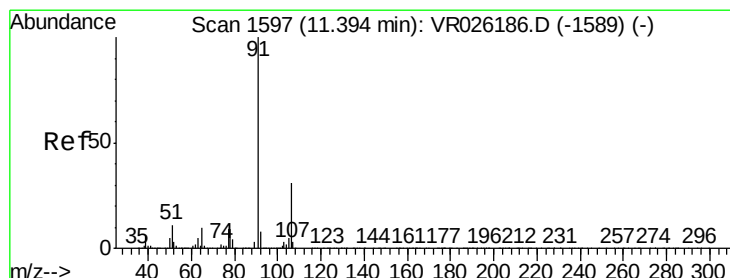
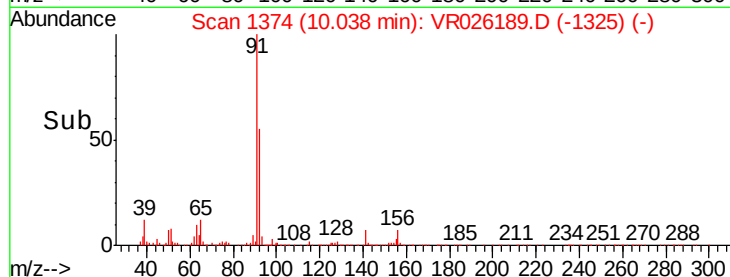
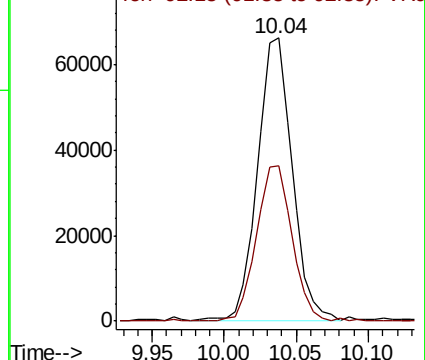
91 100

92 55.1 40.8 75.8



Abundance Ion 91.15 (90.85 to 91.85): VR0

Ion 92.15 (91.85 to 92.85): VR0



#52

Ethylbenzene

Concen: 0.148 ug/L

RT: 11.39 min Scan# 1597

Delta R.T. -0.00 min

Lab File: VR026189.D

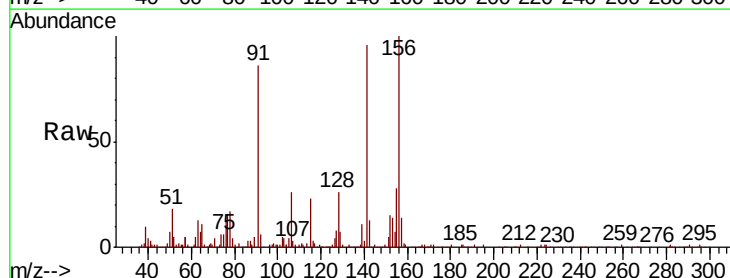
Acq: 6 Nov 2018 12:51

Tgt Ion: 91 Resp: 41999

Ion Ratio Lower Upper

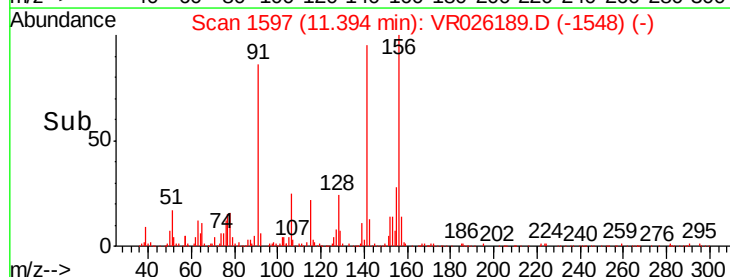
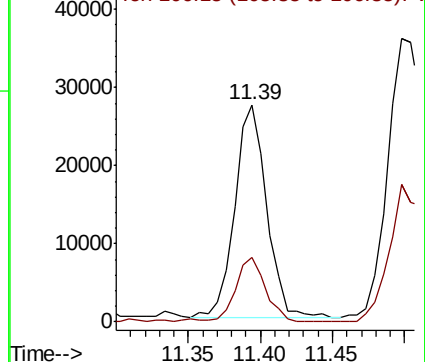
91 100

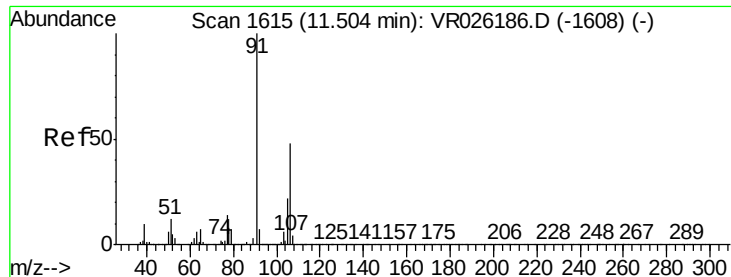
106 29.8 21.2 39.4



Abundance Ion 91.15 (90.85 to 91.85): VR0

Ion 106.15 (105.85 to 106.85): V





#53

m,p-Xylene

Concen: 0.305 ug/L

RT: 11.50 min Scan# 1614

Delta R.T. -0.01 min

Lab File: VR026189.D

Acq: 6 Nov 2018 12:51

Instrument :

MSVOA_R

ClientSampleId :

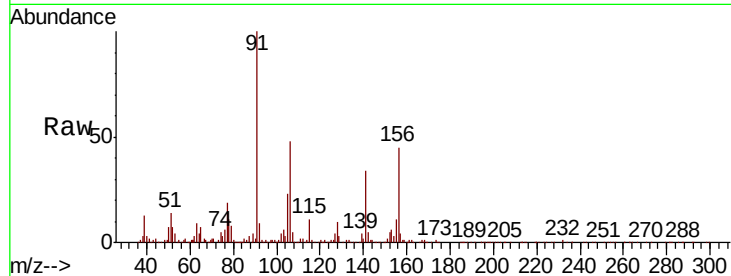
F9D02

Tot Ion:106 Resp: 31567

Ion Ratio Lower Upper

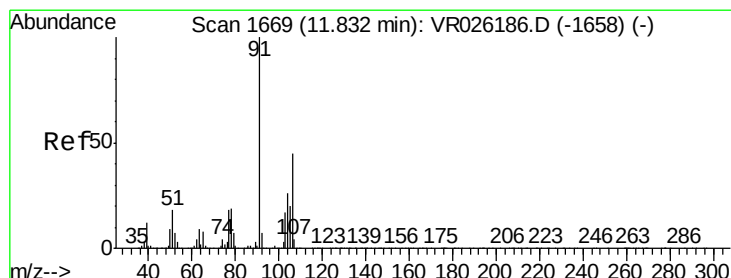
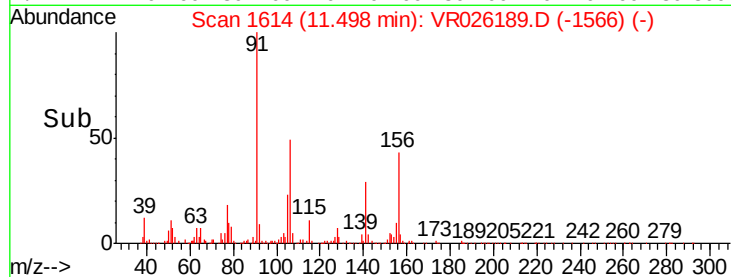
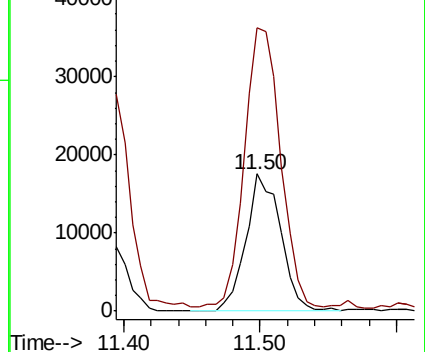
106 100

91 206.5 145.3 269.8



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VR0



#54

o-Xylene

Concen: 0.119 ug/L

RT: 11.83 min Scan# 1669

Delta R.T. 0.01 min

Lab File: VR026189.D

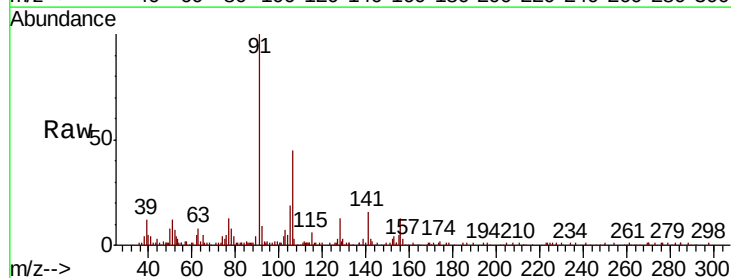
Acq: 6 Nov 2018 12:51

Tgt Ion:106 Resp: 11291

Ion Ratio Lower Upper

106 100

91 223.1 155.8 289.3



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VR0

