

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050919\
 Data File : VV010838.D
 Acq On : 11 May 2019 03:39
 Operator : SY/MD
 Sample : K2692-27
 Misc : 5.50G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A5189

Quant Time: May 11 05:44:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 11 00:23:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	92154	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	91710	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	37512	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	25530	17.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.32%
7) Chloroethane-d5	1.57	69	26161	22.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.84%
10) 1,1-Dichloroethene-d2	2.12	63	45041	14.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.00%
20) 2-Butanone-d5	3.93	46	22624	52.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.32%
24) Chloroform-d	4.39	84	63798	25.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.56%
26) 1,2-Dichloroethane-d4	5.08	65	40915	26.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.32%
29) Benzene-d6	5.09	84	112728	23.35	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.40%
33) 1,2-Dichloropropane-d6	6.11	67	39572	25.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.92%
37) Toluene-d8	7.36	98	98527	21.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.24%
38) trans-1,3-Dichloropropene-	7.66	79	14823	21.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.56%
39) 2-Hexanone-d5	8.13	63	16742	52.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.02%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	37322	25.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.28%
61) 1,2-Dichlorobenzene-d4	11.67	152	36111	24.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.44%

Target Compounds

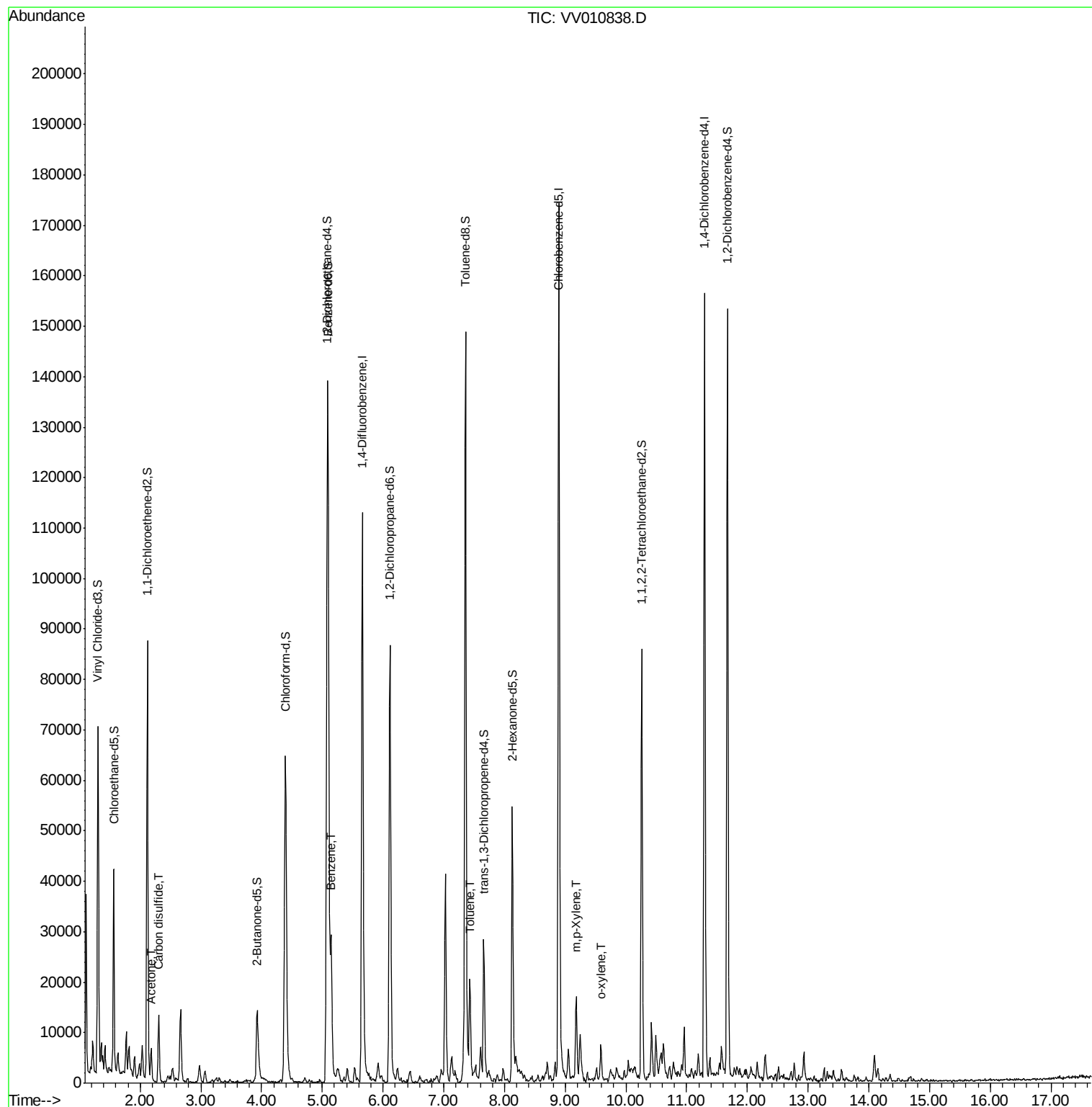
					Ovalue
13) Acetone	2.18	43	4931	7.414 ug/L	99
14) Carbon disulfide	2.31	76	13916	3.903 ug/L	98
34) Benzene	5.14	78	26607	4.942 ug/L	100
44) Toluene	7.43	91	13144	2.150 ug/L	100
54) m,p-Xylene	9.18	106	3524	1.330 ug/L	93
55) o-xylene	9.59	106	1646	0.627 ug/L	95

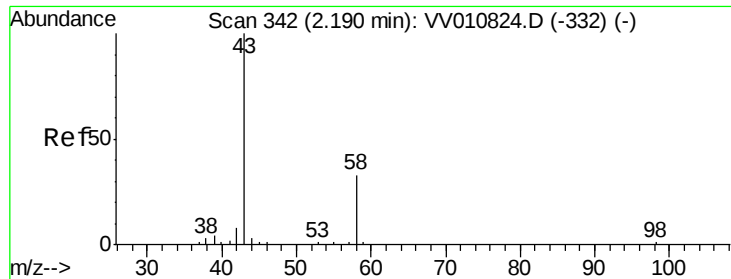
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat May 11 00:23:03 2019
Response via : Initial Calibration





#13

Acetone

Concen: 7.414 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.01 min

Lab File: VV010838.D

Acq: 11 May 2019 03:39

Instrument :

MSVOA_V

ClientSampled :

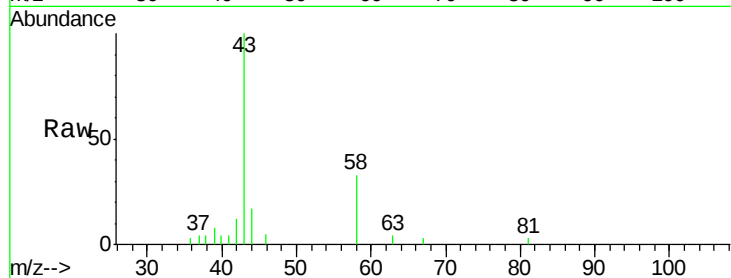
A5189

Tot Ion: 43 Resp: 4931

Ion Ratio Lower Upper

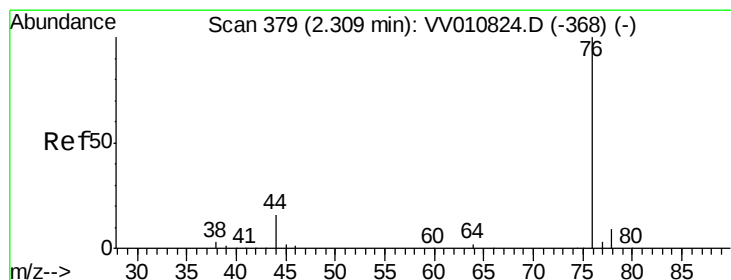
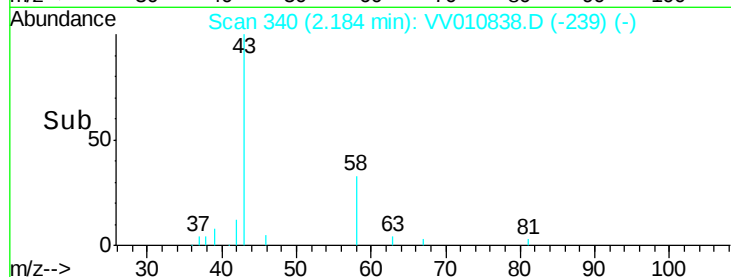
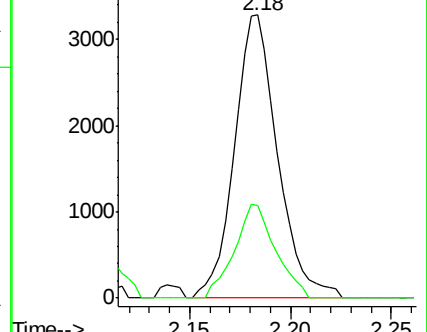
43 100

58 31.3 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV010838.D (-239) (-)

Ion 58.00 (57.70 to 58.70): VV010838.D (-239) (-)



#14

Carbon disulfide

Concen: 3.903 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.00 min

Lab File: VV010838.D

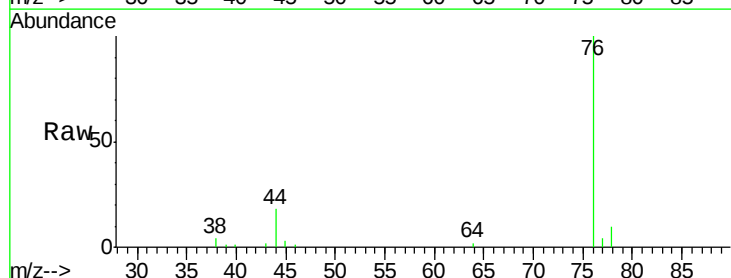
Acq: 11 May 2019 03:39

Tgt Ion: 76 Resp: 13916

Ion Ratio Lower Upper

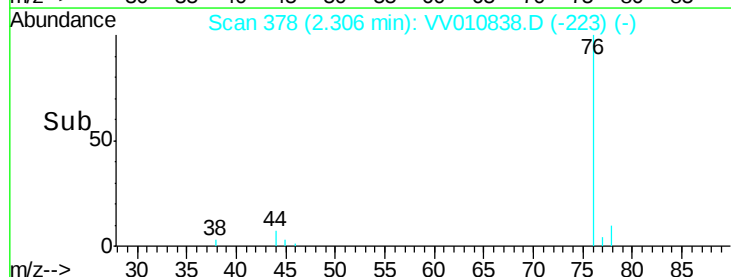
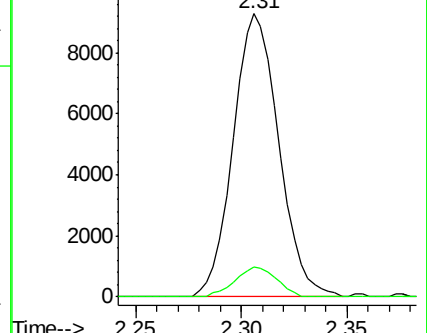
76 100

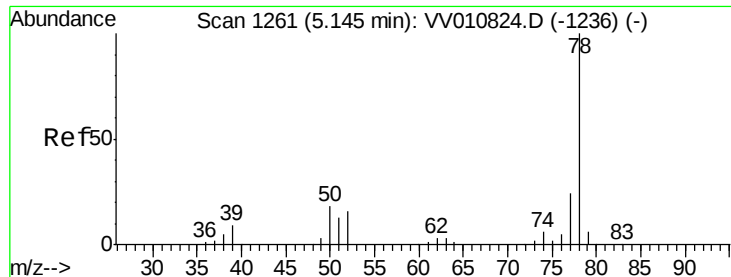
78 10.4 7.8 11.8



Abundance Ion 76.00 (75.70 to 76.70): VV010838.D (-223) (-)

Ion 78.00 (77.70 to 78.70): VV010838.D (-223) (-)





#34

Benzene

Concen: 4.942 ug/L

RT: 5.14 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VV010838.D

Acq: 11 May 2019 03:39

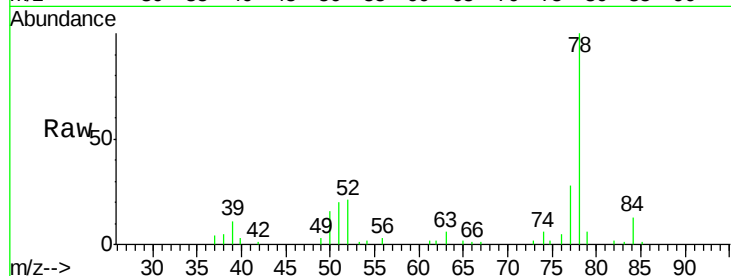
Instrument :

MSVOA_V

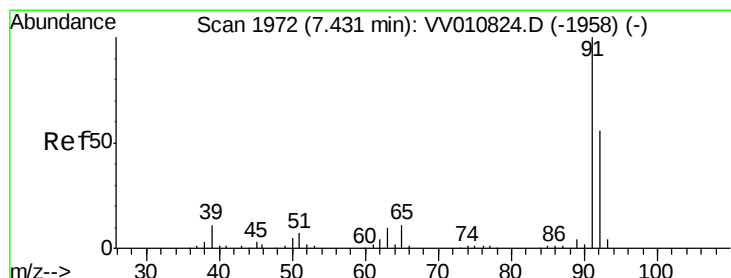
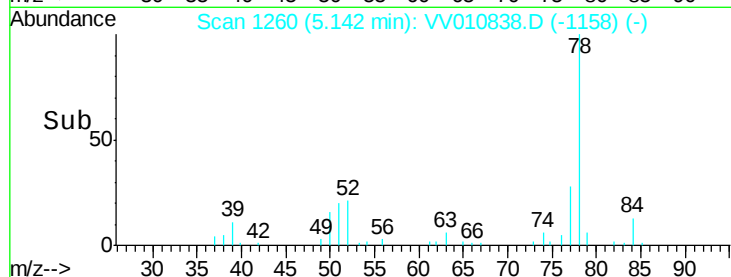
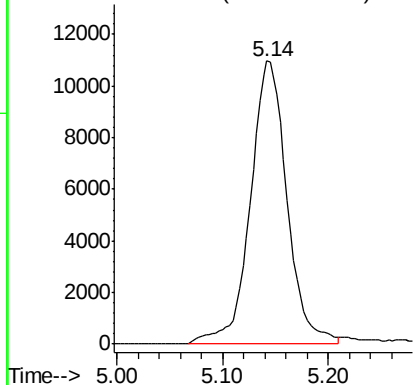
ClientSampleId :

A5189

Tgt Ion: 78 Resp: 26607



Abundance Ion 78.00 (77.70 to 78.70): VV0



#44

Toluene

Concen: 2.150 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV010838.D

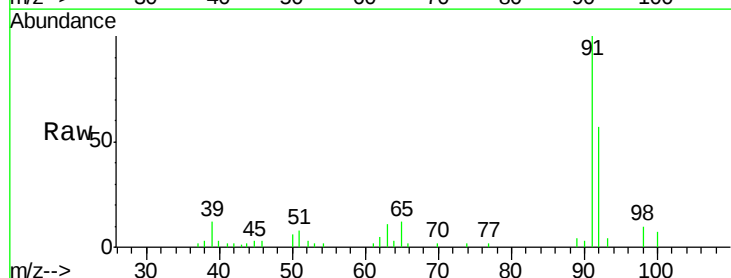
Acq: 11 May 2019 03:39

Tgt Ion: 91 Resp: 13144

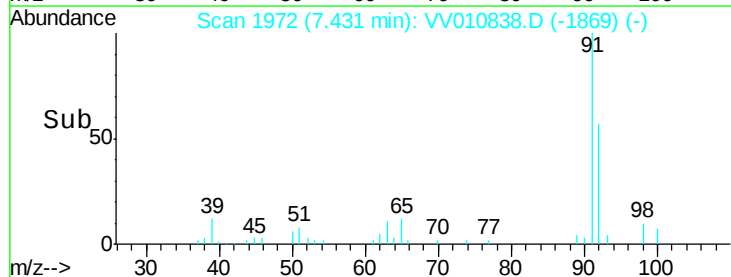
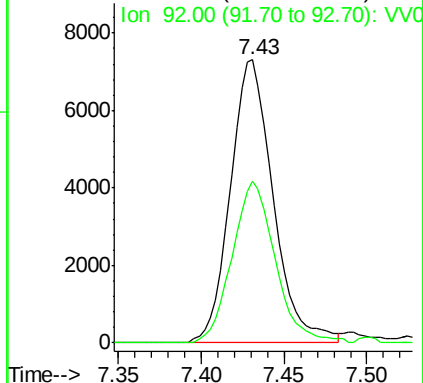
Ion Ratio Lower Upper

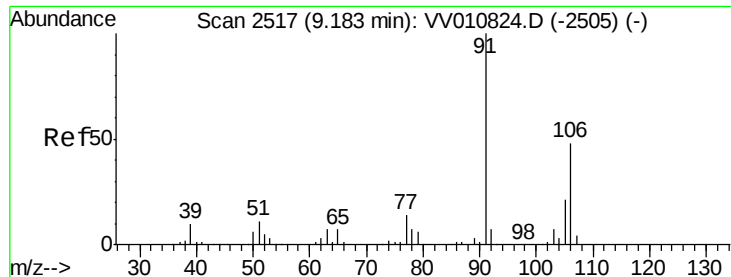
91 100

92 57.2 40.1 74.5



Abundance Ion 91.00 (90.70 to 91.70): VV0





#54

m,p-Xylene

Concen: 1.330 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. 0.00 min

Lab File: VV010838.D

Acq: 11 May 2019 03:39

Instrument :

MSVOA_V

ClientSampled :

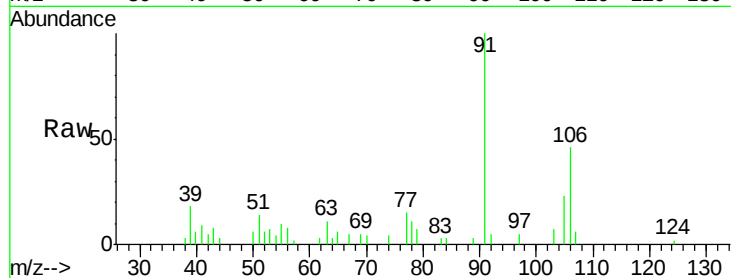
A5189

Tot Ion:106 Resp: 3524

Ion Ratio Lower Upper

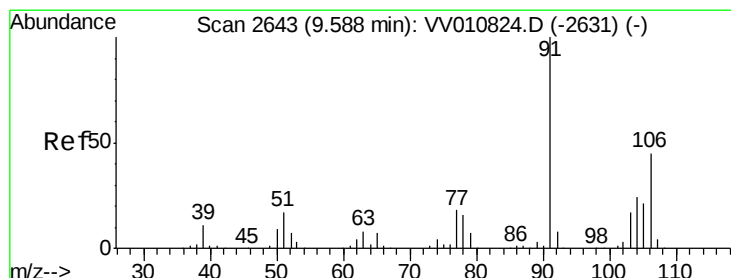
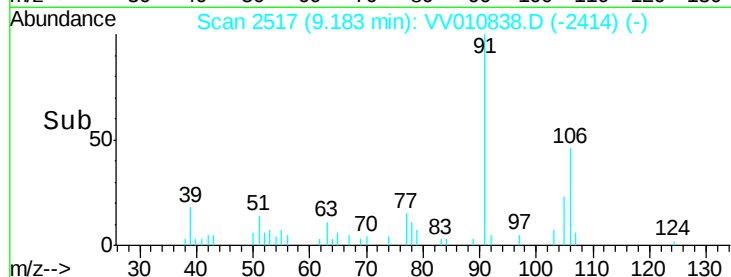
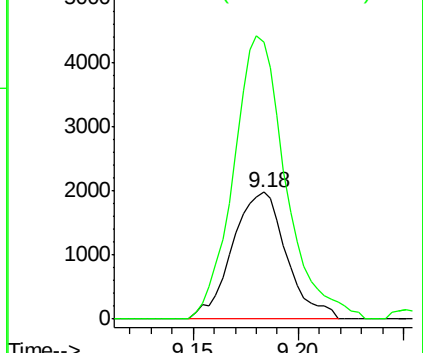
106 100

91 218.7 145.4 270.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#55

o-xylene

Concen: 0.627 ug/L

RT: 9.59 min Scan# 2643

Delta R.T. 0.00 min

Lab File: VV010838.D

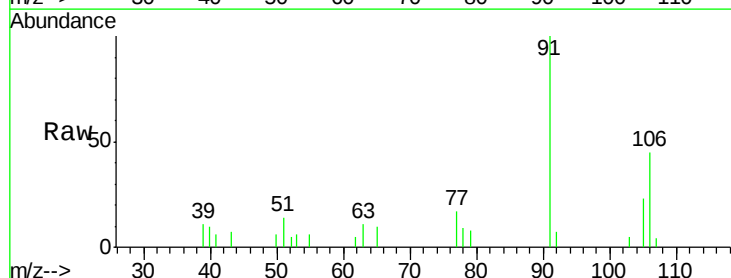
Acq: 11 May 2019 03:39

Tgt Ion:106 Resp: 1646

Ion Ratio Lower Upper

106 100

91 224.0 151.0 280.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0

