

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112019\
 Data File : VV013687.D
 Acq On : 20 Nov 2019 14:46
 Operator : SY/MD
 Sample : K5910-22
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQK5

Quant Time: Nov 21 01:11:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 21 00:51:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	324418	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	317288	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	143034	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	137040	6.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	136.80%#
7) Chloroethane-d5	1.58	69	123466	6.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	138.00%#
11) 1,1-Dichloroethene-d2	2.13	63	184967	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.00%
20) 2-Butanone-d5	3.96	46	278811	60.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.32%
24) Chloroform-d	4.39	84	269899	6.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	121.80%
26) 1,2-Dichloroethane-d4	5.07	65	132072	6.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	124.00%
32) Benzene-d6	5.09	84	540059	6.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	122.20%
36) 1,2-Dichloropropane-d6	6.11	67	162797	6.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	124.60%
41) Toluene-d8	7.35	98	460726	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.20%
43) trans-1,3-Dichloropropene-	7.66	79	53886	5.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.20%
46) 2-Hexanone-d5	8.14	63	188758	49.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.18%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	109042	5.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	176168	6.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	128.00%#

Target Compounds

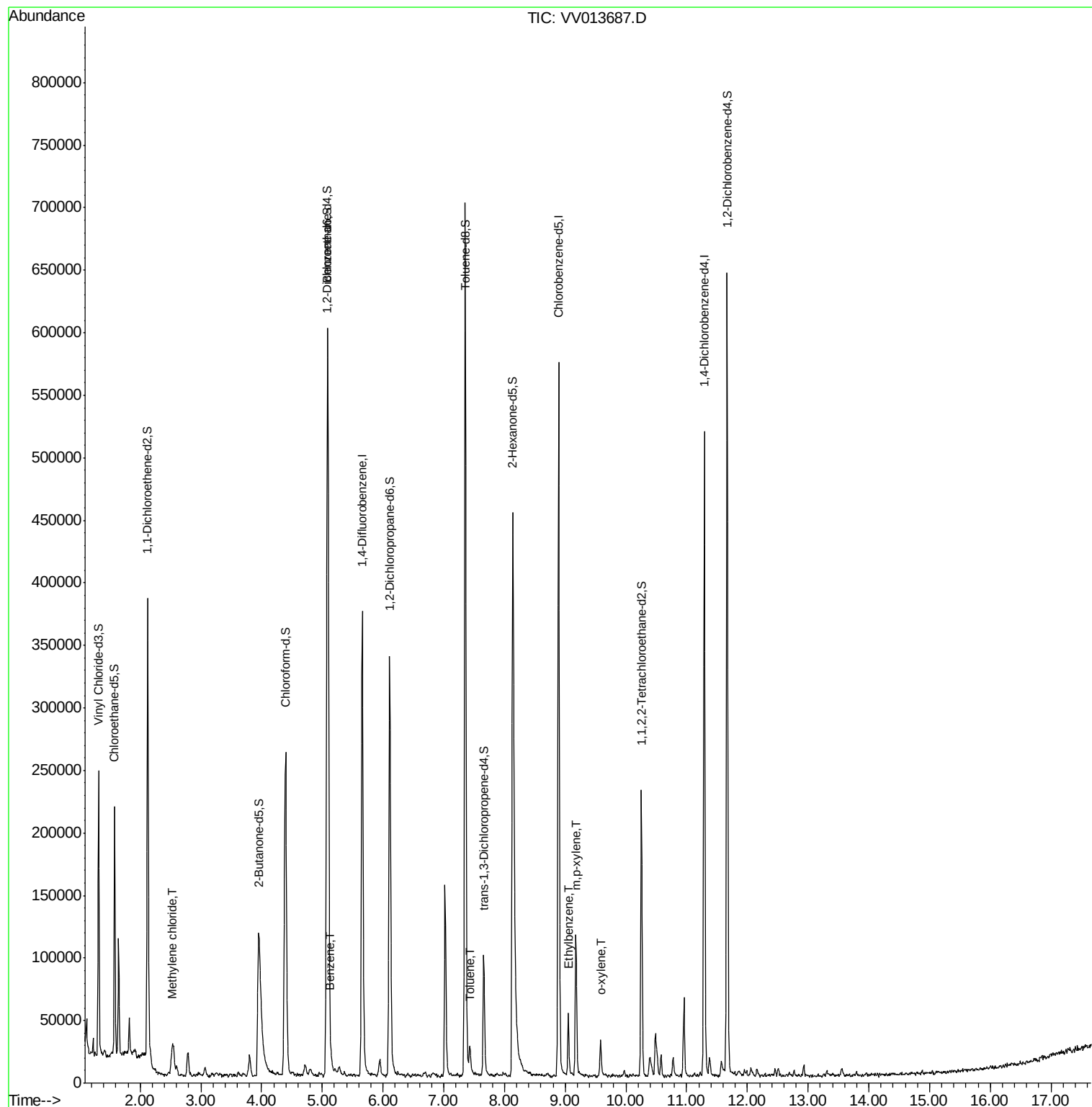
					Ovalue
16) Methylene chloride	2.53	84	5469	0.203 ug/L	94
33) Benzene	5.14	78	9105	0.095 ug/L	100
42) Toluene	7.43	91	15369	0.150 ug/L	98
52) Ethylbenzene	9.05	91	32791	0.300 ug/L	100
53) m,p-xylene	9.18	106	32040	0.777 ug/L	95
54) o-xylene	9.59	106	7854	0.198 ug/L	89

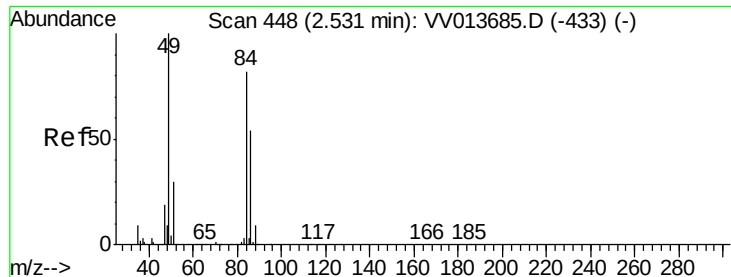
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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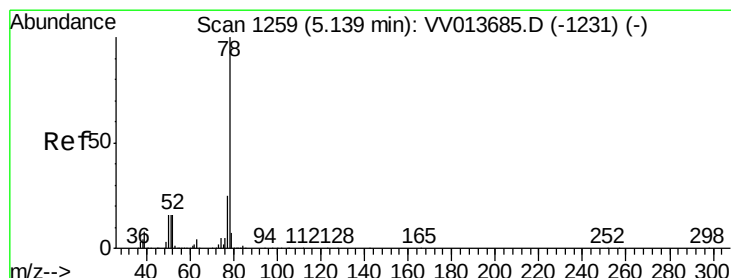
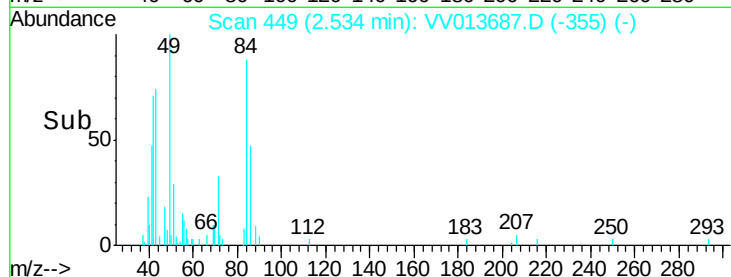
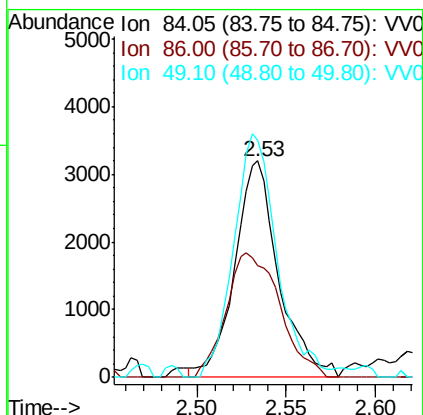
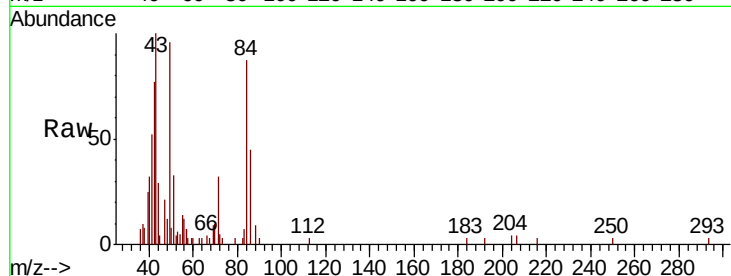




#16
Methylene chloride
Concen: 0.203 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV013687.D
Acq: 20 Nov 2019 14:46

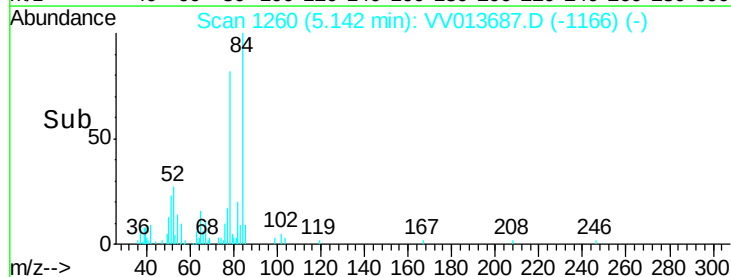
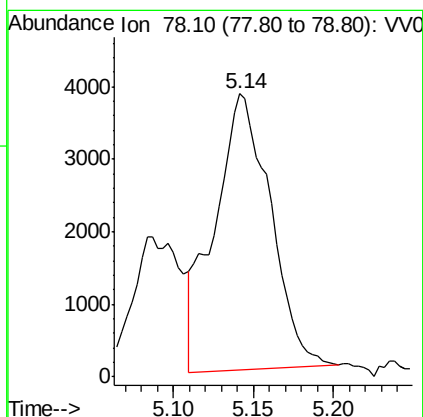
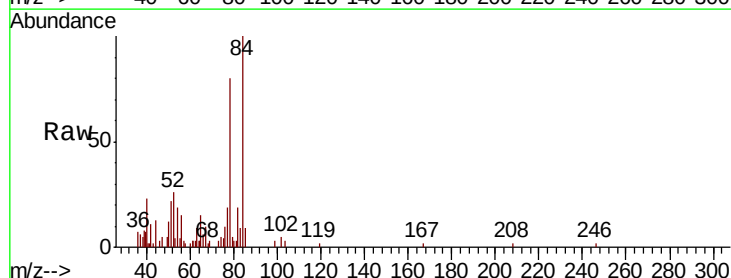
Instrument :
MSVOA_V
ClientSampleId :
GAQK5

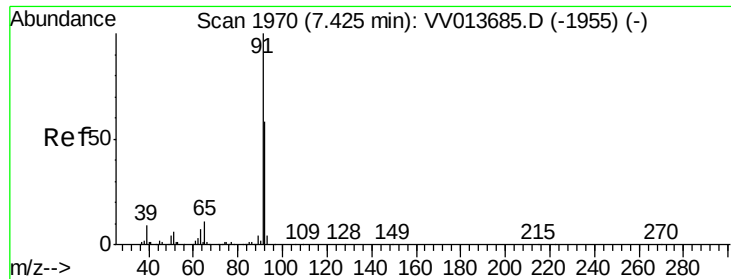
Tot Ion: 84 Resp: 5469
Ion Ratio Lower Upper
84 100
86 51.4 44.1 81.9
49 118.3 83.4 155.0



#33
Benzene
Concen: 0.095 ug/L
RT: 5.14 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VV013687.D
Acq: 20 Nov 2019 14:46

Tgt Ion: 78 Resp: 9105





#42

Toluene

Concen: 0.150 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.01 min

Lab File: VV013687.D

Acq: 20 Nov 2019 14:46

Instrument :

MSVOA_V

ClientSampleId :

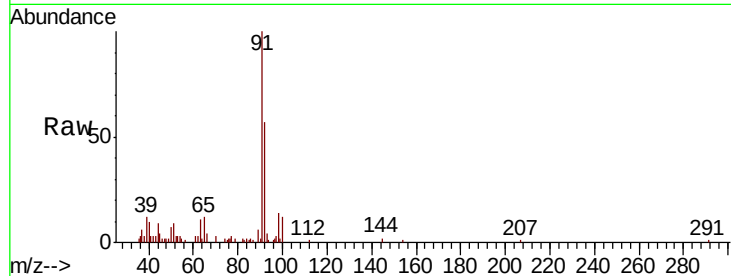
GAQK5

Tot Ion: 91 Resp: 15369

Ion Ratio Lower Upper

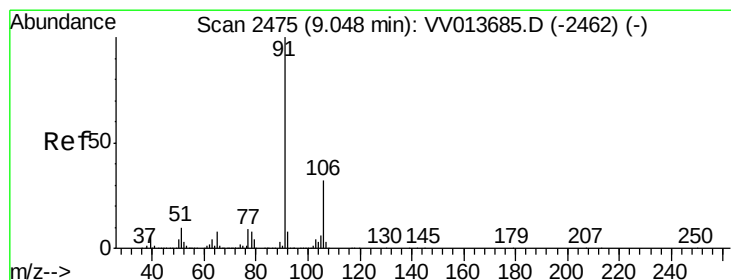
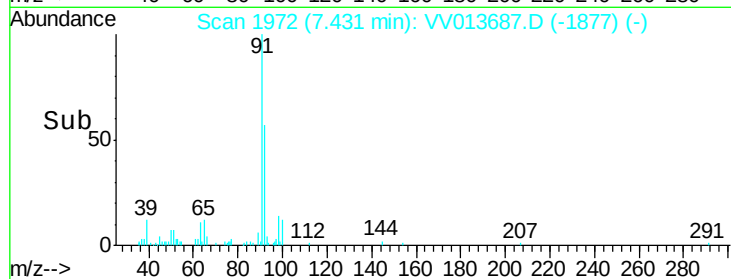
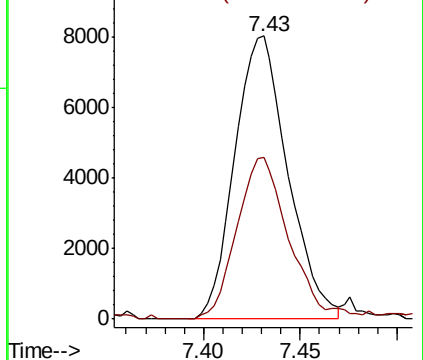
91 100

92 57.1 41.2 76.6



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#52

Ethylbenzene

Concen: 0.300 ug/L

RT: 9.05 min Scan# 2476

Delta R.T. 0.00 min

Lab File: VV013687.D

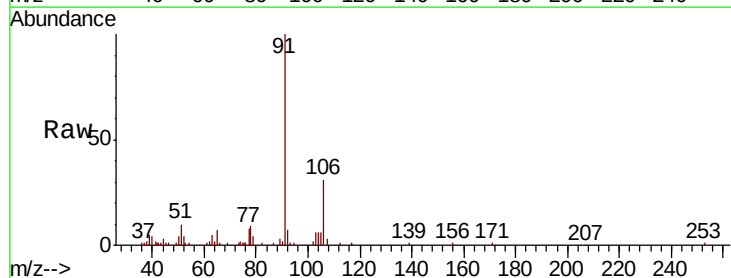
Acq: 20 Nov 2019 14:46

Tgt Ion: 91 Resp: 32791

Ion Ratio Lower Upper

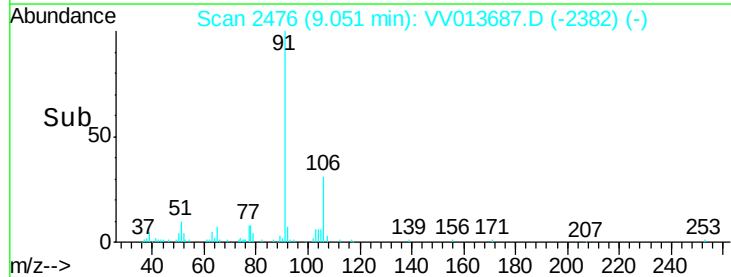
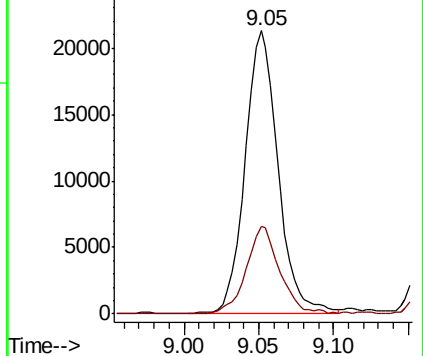
91 100

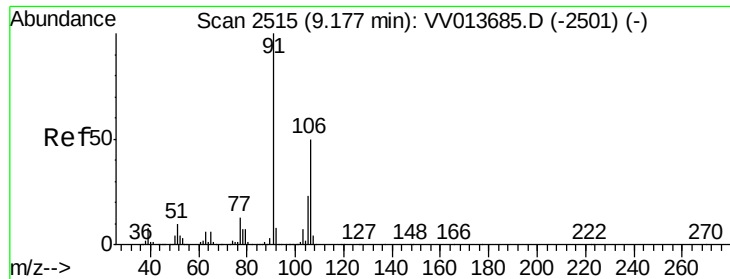
106 31.0 21.7 40.3



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 106.15 (105.85 to 106.85): V





#53

m,p-xylene

Concen: 0.777 ug/L

RT: 9.18 min Scan# 2515

Delta R.T. -0.00 min

Lab File: VV013687.D

Acq: 20 Nov 2019 14:46

Instrument :

MSVOA_V

ClientSampleId :

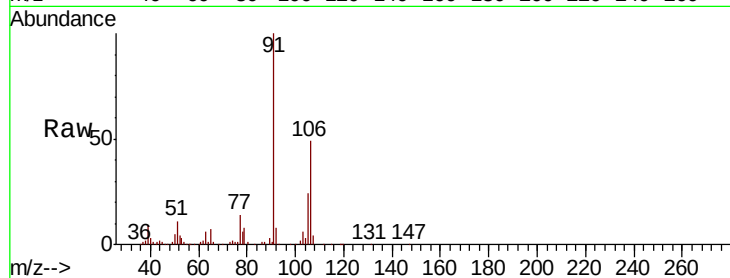
GAQK5

Tot Ion:106 Resp: 32040

Ion Ratio Lower Upper

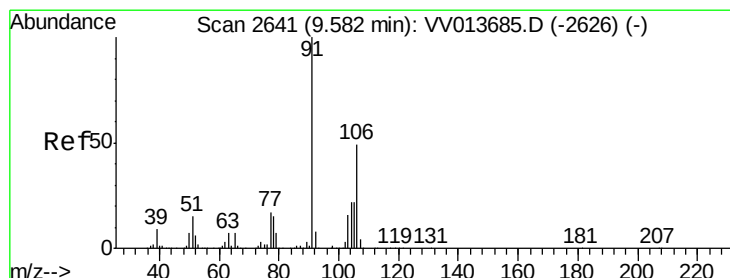
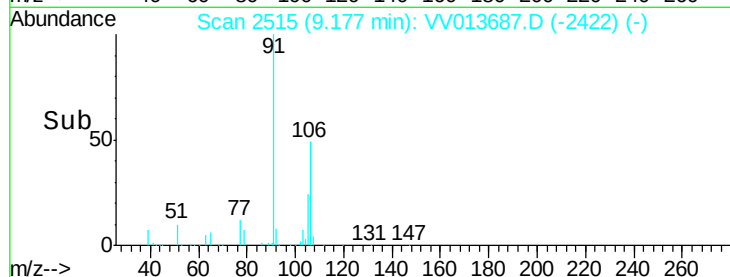
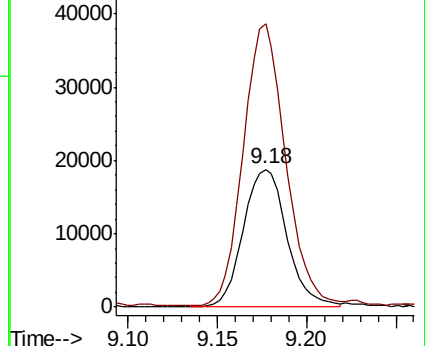
106 100

91 205.4 138.1 256.5



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#54

o-xylene

Concen: 0.198 ug/L

RT: 9.59 min Scan# 2642

Delta R.T. 0.00 min

Lab File: VV013687.D

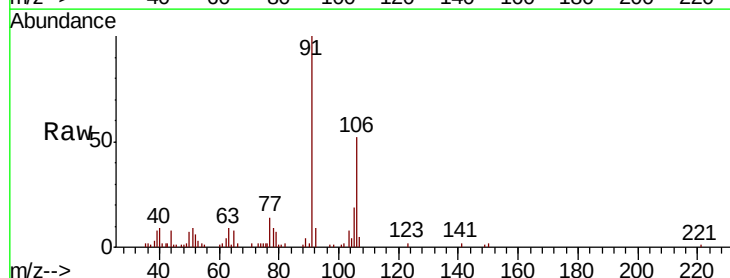
Acq: 20 Nov 2019 14:46

Tgt Ion:106 Resp: 7854

Ion Ratio Lower Upper

106 100

91 192.3 146.9 272.7



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

