

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052020\
 Data File : VV016138.D
 Acq On : 20 May 2020 17:48
 Operator : SY/MD
 Sample : L2725-09
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9B19

Quant Time: May 21 05:08:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 21 01:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	136716	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	136722	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	65425	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31341	4.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.60%
7) Chloroethane-d5	1.58	69	35859	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.12	63	57396	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	3.94	46	124634	58.91	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.82%
24) Chloroform-d	4.38	84	86039	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
26) 1,2-Dichloroethane-d4	5.06	65	48388	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.08	84	158566	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.10	67	52204	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.34	98	138888	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
45) trans-1,3-Dichloropropene-	7.65	79	15822	4.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.20%
48) 2-Hexanone-d5	8.12	63	97731	57.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.16%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	38641	5.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	58161	5.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.60%

Target Compounds

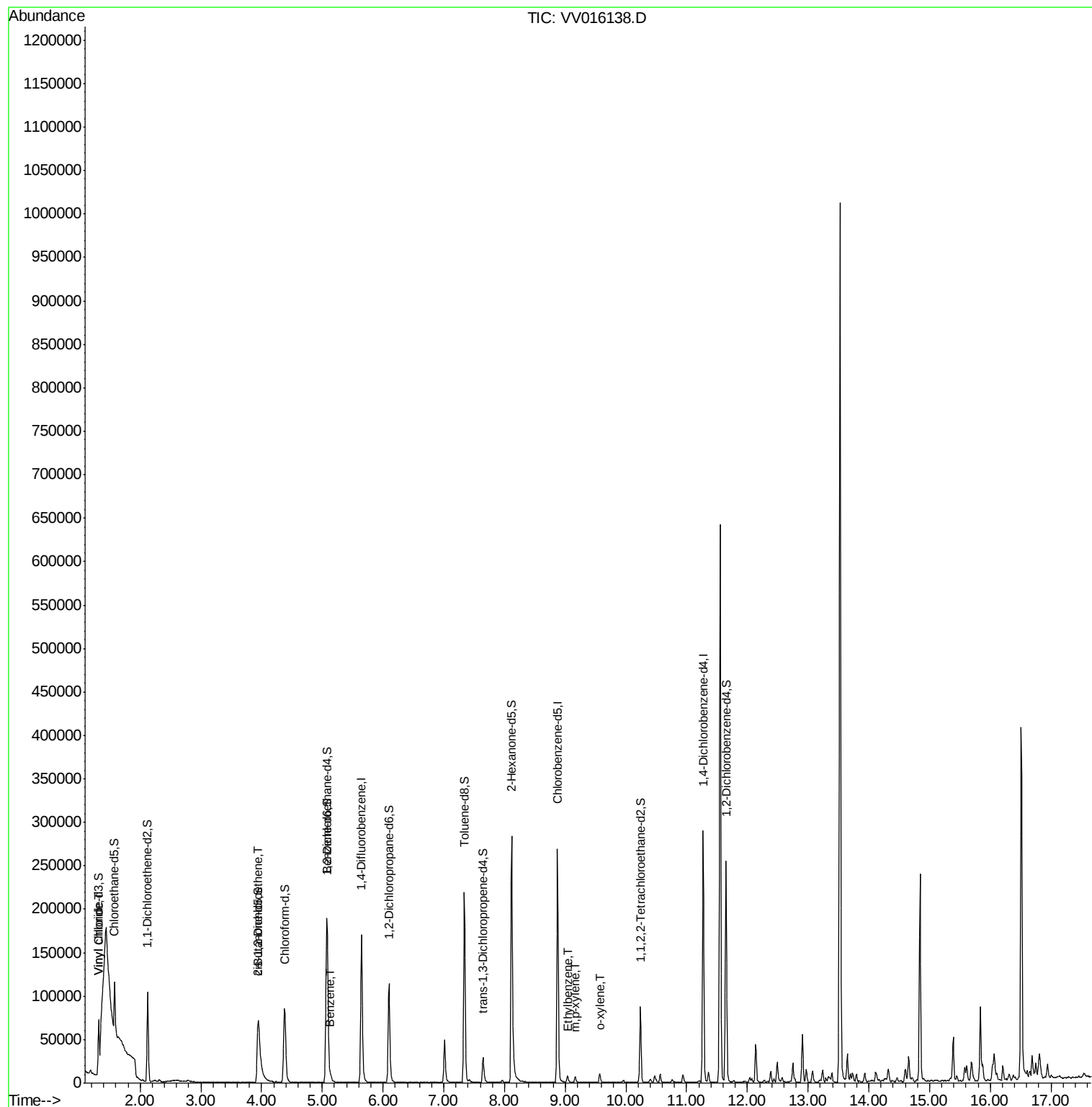
					Ovalue
5) Vinyl chloride	1.32	62	7935	0.782 ug/L	# 36
22) cis-1,2-Dichloroethene	3.95	96	13843	1.590 ug/L	89
33) Benzene	5.14	78	7640	0.222 ug/L	100
54) Ethylbenzene	9.04	91	5278	0.127 ug/L	96
55) m,p-xylene	9.17	106	1852	0.121 ug/L	87
56) o-xylene	9.57	106	2402	0.164 ug/L	91

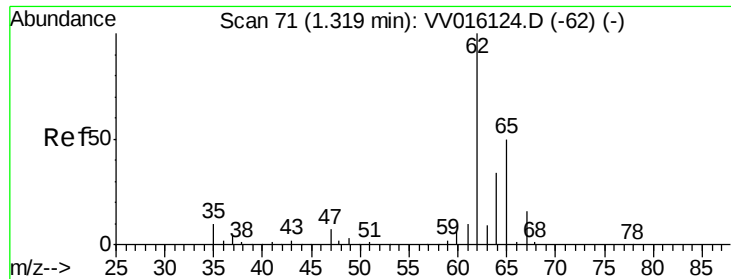
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.782 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

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Acq: 20 May 2020 17:48

Instrument :

MSVOA_V

ClientSampleId :

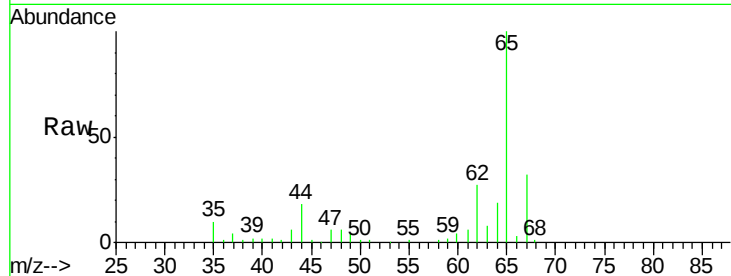
F9B19

Tot Ion: 62 Resp: 7935

Ion Ratio Lower Upper

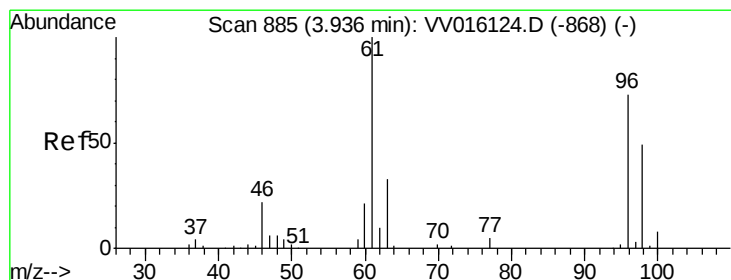
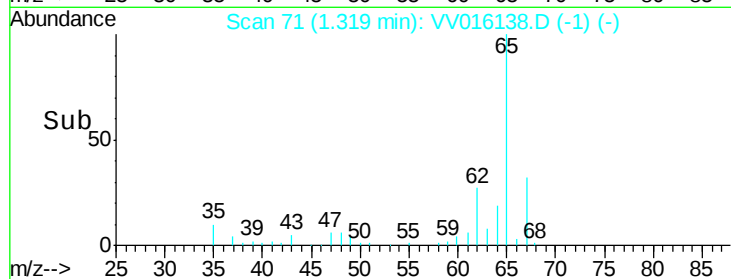
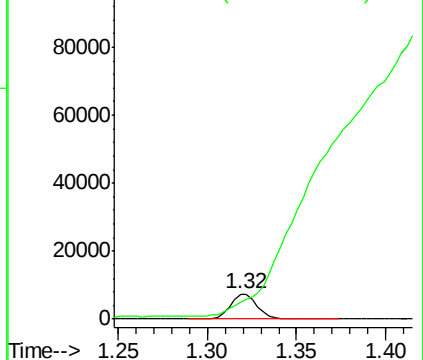
62 100

64 67.8 22.4 41.6#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#22

cis-1,2-Dichloroethene

Concen: 1.590 ug/L

RT: 3.95 min Scan# 888

Delta R.T. 0.01 min

Lab File: VV016138.D

Acq: 20 May 2020 17:48

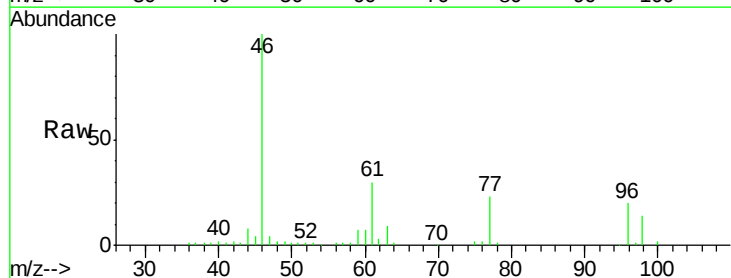
Tgt Ion: 96 Resp: 13843

Ion Ratio Lower Upper

96 100

61 152.3 97.2 180.6

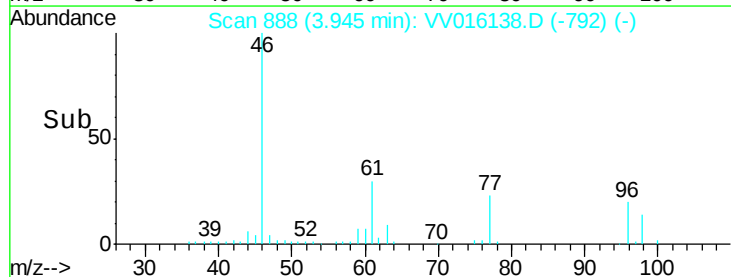
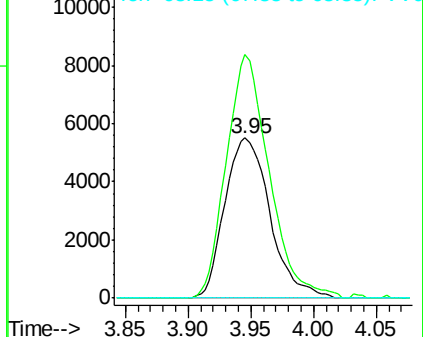
68 0.0 0.0 0.0

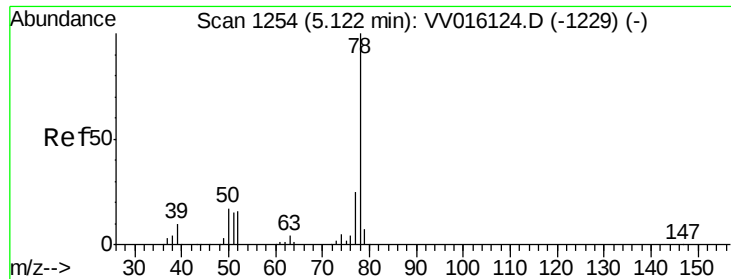


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0





#33

Benzene

Concen: 0.222 ug/L

RT: 5.14 min Scan# 1258

Delta R.T. 0.01 min

Lab File: VV016138.D

Acq: 20 May 2020 17:48

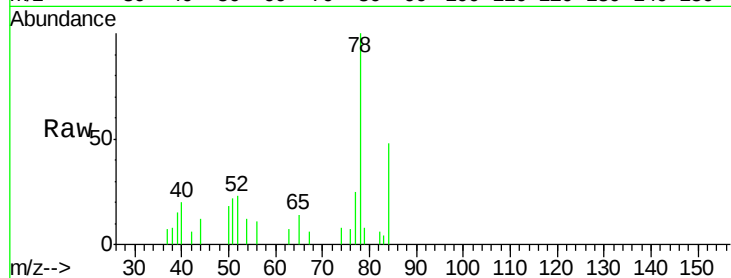
Instrument :

MSVOA_V

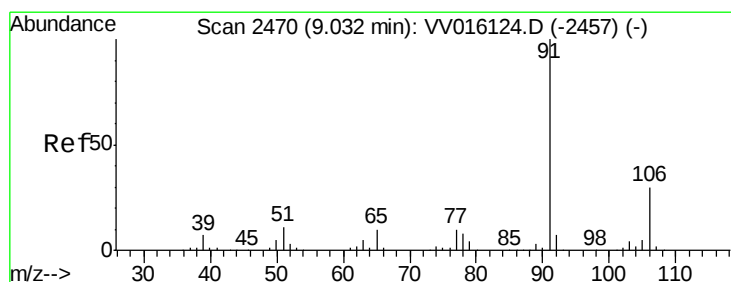
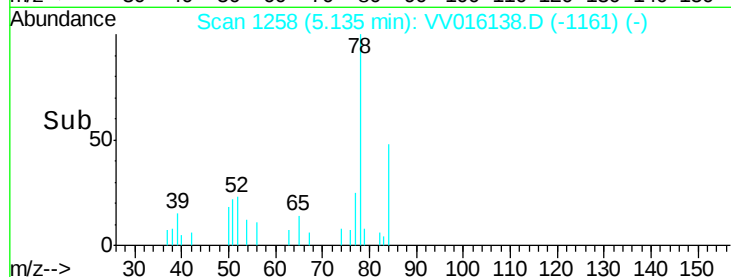
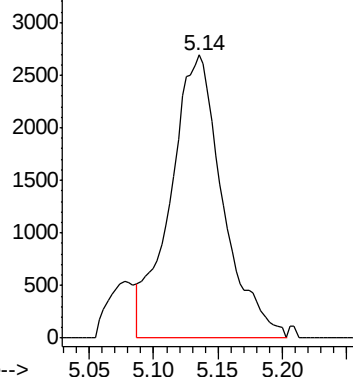
ClientSampleId :

F9B19

Tgt Ion: 78 Resp: 7640



Abundance Ion 78.10 (77.80 to 78.80): VV0



#54

Ethylbenzene

Concen: 0.127 ug/L

RT: 9.04 min Scan# 2472

Delta R.T. 0.01 min

Lab File: VV016138.D

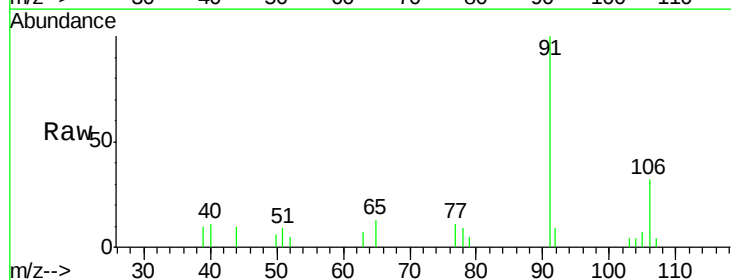
Acq: 20 May 2020 17:48

Tgt Ion: 91 Resp: 5278

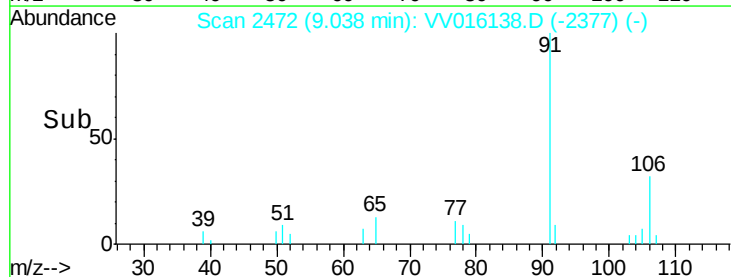
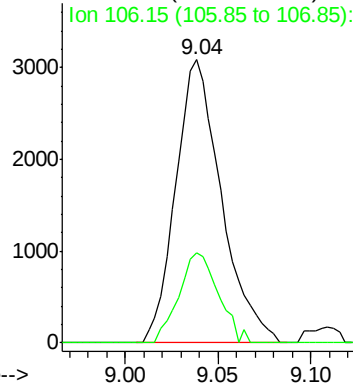
Ion Ratio Lower Upper

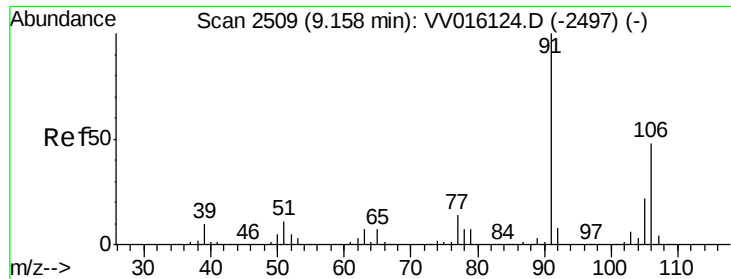
91 100

106 31.7 20.6 38.4



Abundance Ion 91.15 (90.85 to 91.85): VV0





#55

m,p-xylene

Concen: 0.121 ug/L

RT: 9.17 min Scan# 2512

Delta R.T. 0.01 min

Lab File: VV016138.D

Acq: 20 May 2020 17:48

Instrument :

MSVOA_V

ClientSampleId :

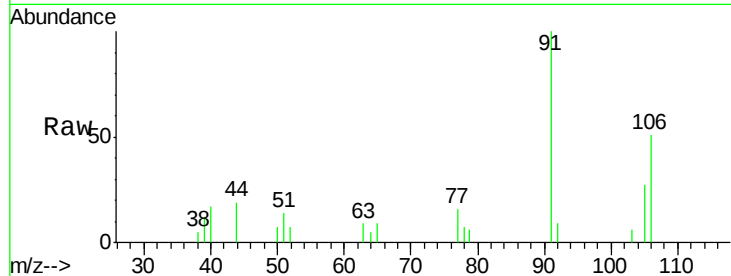
F9B19

Tot Ion:106 Resp: 1852

Ion Ratio Lower Upper

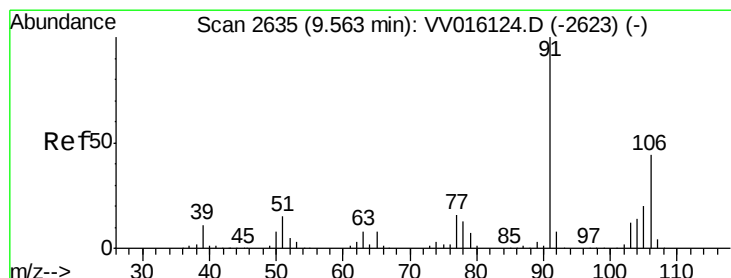
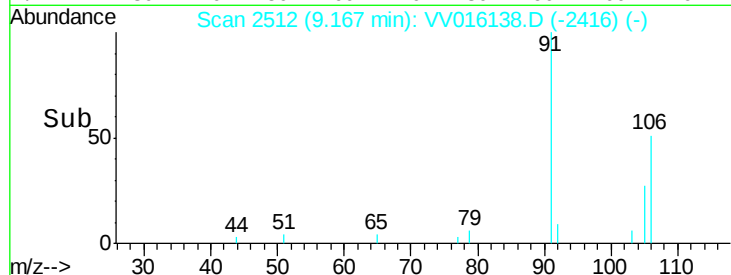
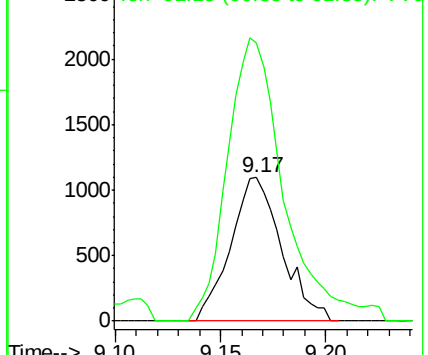
106 100

91 194.3 149.9 278.3



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#56

o-xylene

Concen: 0.164 ug/L

RT: 9.57 min Scan# 2637

Delta R.T. 0.01 min

Lab File: VV016138.D

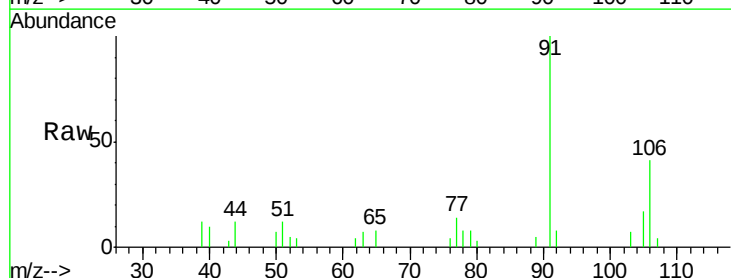
Acq: 20 May 2020 17:48

Tgt Ion:106 Resp: 2402

Ion Ratio Lower Upper

106 100

91 242.8 159.7 296.5



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

