

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052920\
 Data File : VV016323.D
 Acq On : 29 May 2020 18:25
 Operator : SY/MD
 Sample : L2662-10DL 100X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9B14DL

Quant Time: May 30 02:43:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 30 00:00:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	99144	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	92502	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	43832	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28908	4.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.80%
7) Chloroethane-d5	1.58	69	23051	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.40%
11) 1,1-Dichloroethene-d2	2.12	63	41748	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	3.94	46	81956	51.89	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.78%
24) Chloroform-d	4.38	84	56236	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.06	65	31668	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.07	84	115039	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.10	67	34577	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.34	98	103826	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
45) trans-1,3-Dichloropropene-	7.65	79	11859	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
48) 2-Hexanone-d5	8.12	63	62891	51.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.78%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	24175	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	37174	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

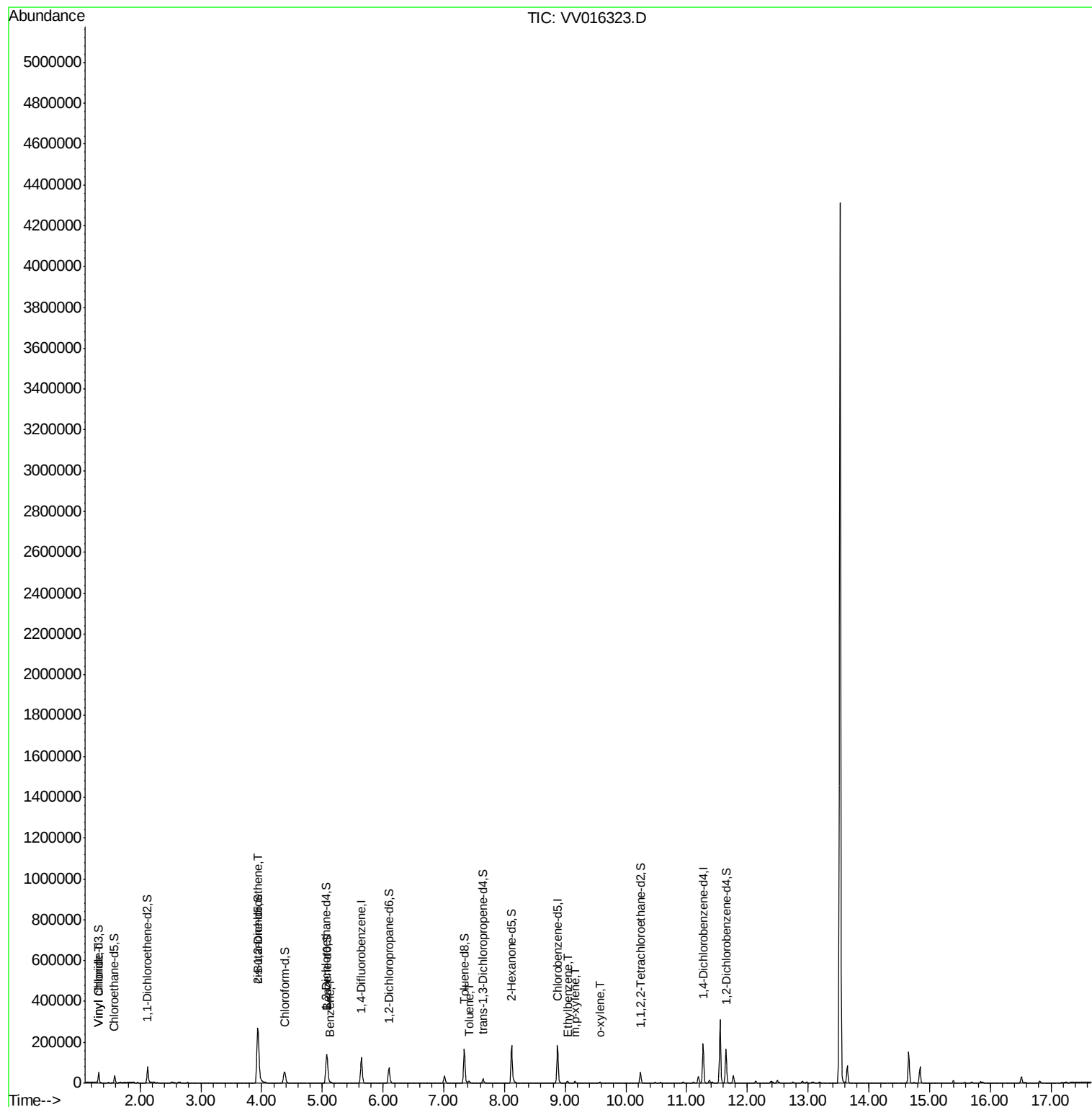
					Ovalue
5) Vinyl chloride	1.32	62	3904	0.450 ug/L	# 77
22) cis-1,2-Dichloroethene	3.94	96	124721	16.479 ug/L	96
33) Benzene	5.13	78	4665	0.175 ug/L	100
42) Toluene	7.41	91	7885	0.272 ug/L	98
54) Ethylbenzene	9.04	91	5862	0.181 ug/L	99
55) m,p-xylene	9.16	106	2255	0.186 ug/L	91
56) o-xylene	9.57	106	1589	0.137 ug/L	91

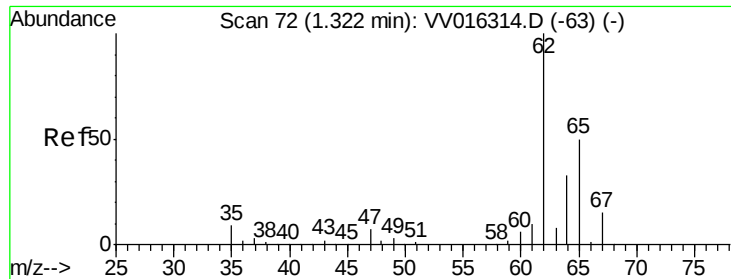
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.450 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

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Acq: 29 May 2020 18:25

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MSVOA_V

ClientSampleId :

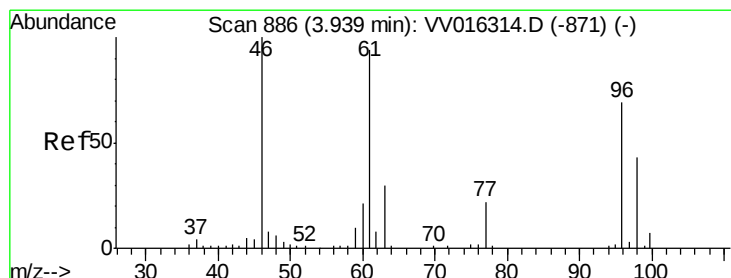
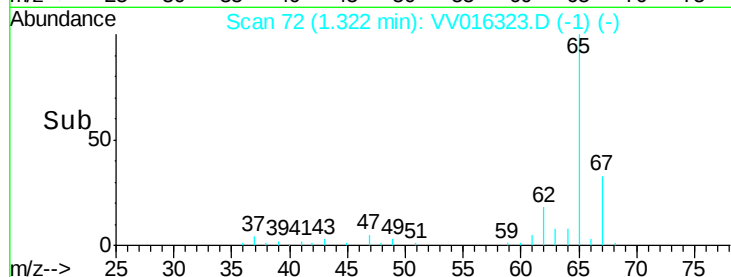
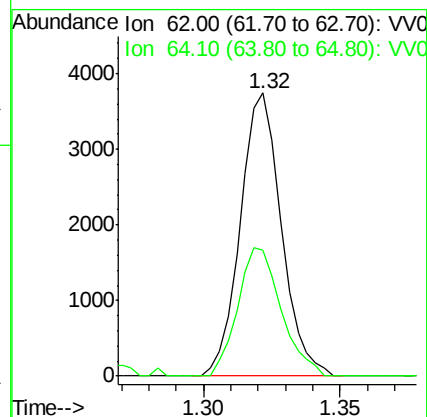
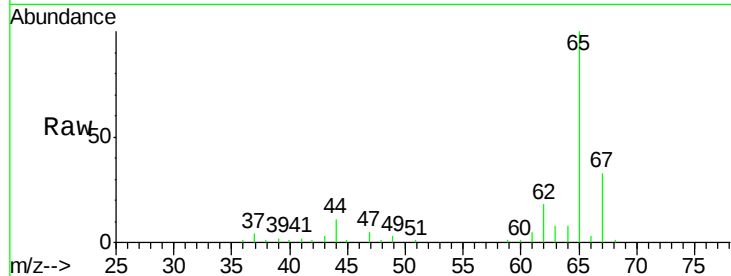
F9B14DL

Tot Ion: 62 Resp: 3904

Ion Ratio Lower Upper

62 100

64 44.6 22.1 41.1#



#22

cis-1,2-Dichloroethene

Concen: 16.479 ug/L

RT: 3.94 min Scan# 886

Delta R.T. -0.00 min

Lab File: VV016323.D

Acq: 29 May 2020 18:25

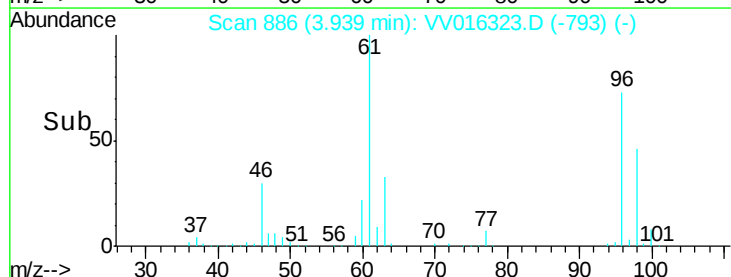
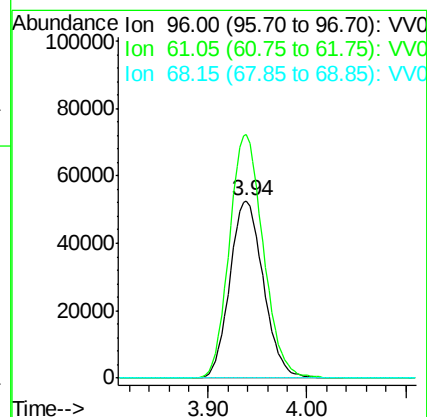
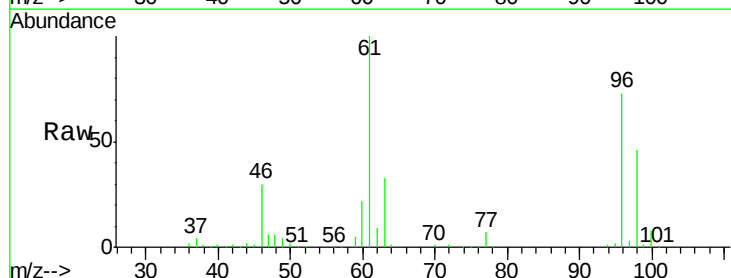
Tgt Ion: 96 Resp: 124721

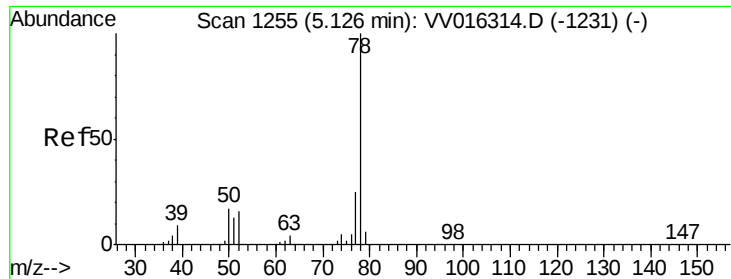
Ion Ratio Lower Upper

96 100

61 137.2 99.7 185.1

68 0.0 0.0 0.0





#33

Benzene

Concen: 0.175 ug/L

RT: 5.13 min Scan# 1257

Delta R.T. 0.01 min

Lab File: VV016323.D

Acq: 29 May 2020 18:25

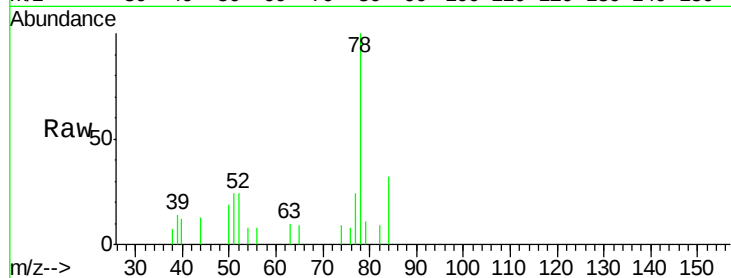
Instrument :

MSVOA_V

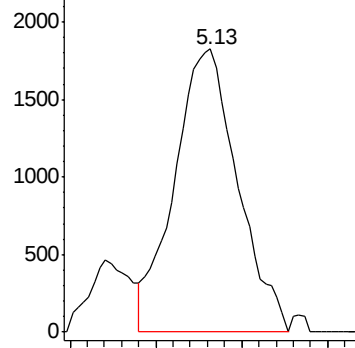
ClientSampleId :

F9B14DL

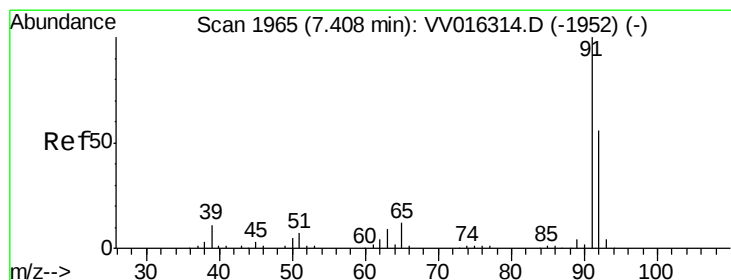
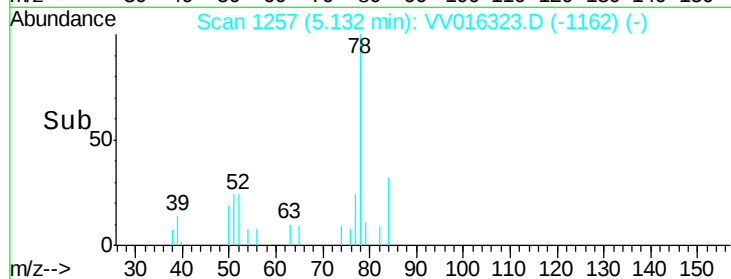
Tgt Ion: 78 Resp: 4665



Abundance Ion 78.10 (77.80 to 78.80): VV0



Time-->



#42

Toluene

Concen: 0.272 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV016323.D

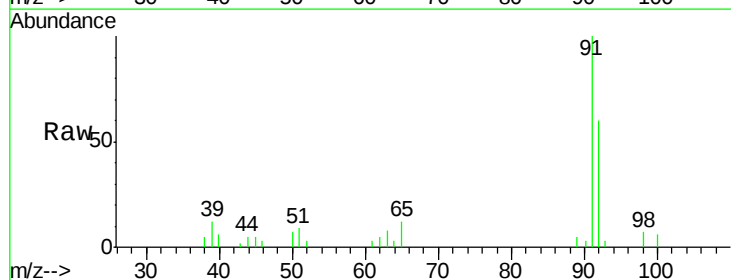
Acq: 29 May 2020 18:25

Tgt Ion: 91 Resp: 7885

Ion Ratio Lower Upper

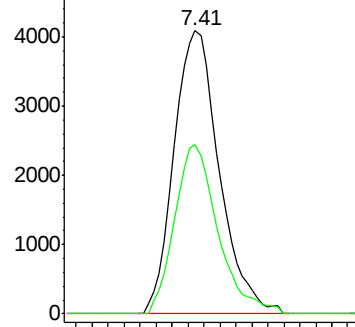
91 100

92 59.8 40.9 76.0

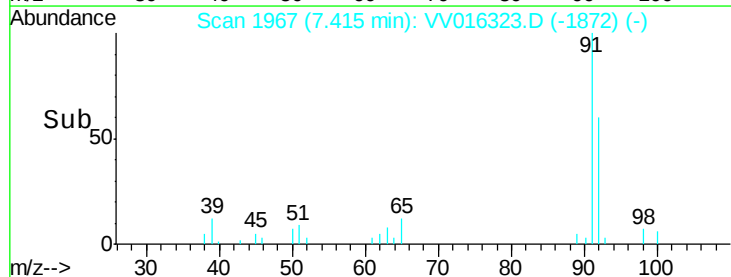


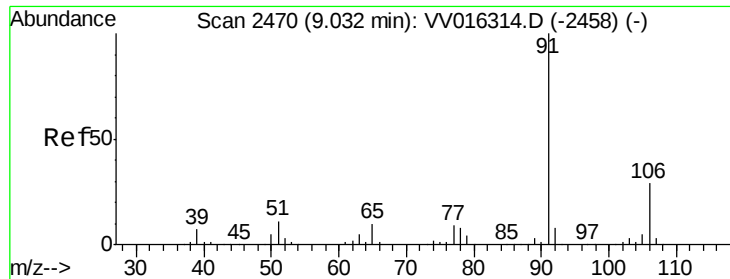
Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



Time-->





#54

Ethylbenzene

Concen: 0.181 ug/L

RT: 9.04 min Scan# 2472

Delta R.T. 0.01 min

Lab File: VV016323.D

Acq: 29 May 2020 18:25

Instrument :

MSVOA_V

ClientSampleId :

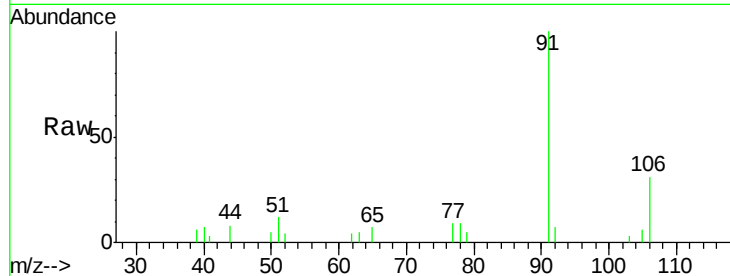
F9B14DL

Tot Ion: 91 Resp: 5862

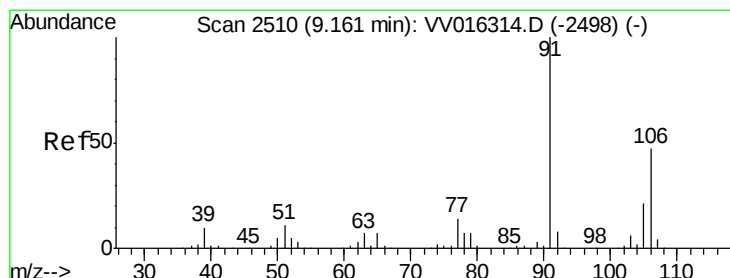
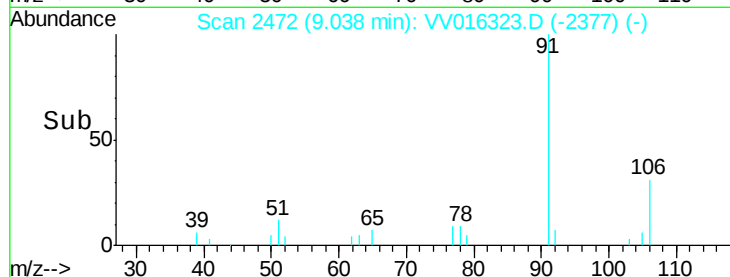
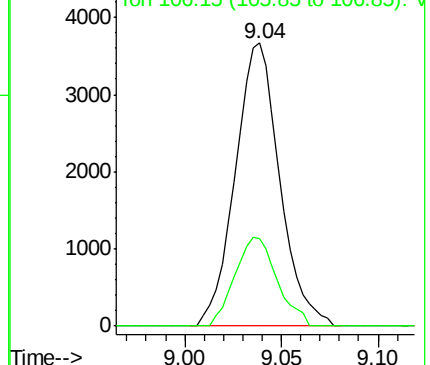
Ion Ratio Lower Upper

91 100

106 30.8 21.0 39.0



Abundance Ion 91.15 (90.85 to 91.85): VV016323.D (-2472) (-)



#55

m,p-xylene

Concen: 0.186 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. -0.00 min

Lab File: VV016323.D

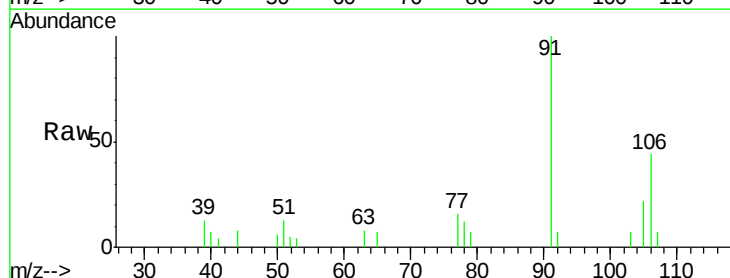
Acq: 29 May 2020 18:25

Tgt Ion: 106 Resp: 2255

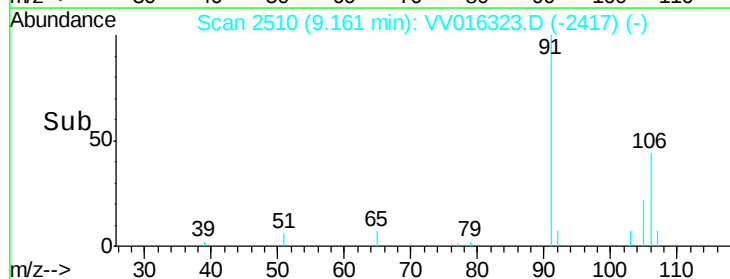
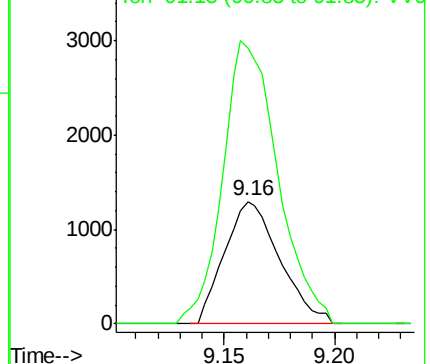
Ion Ratio Lower Upper

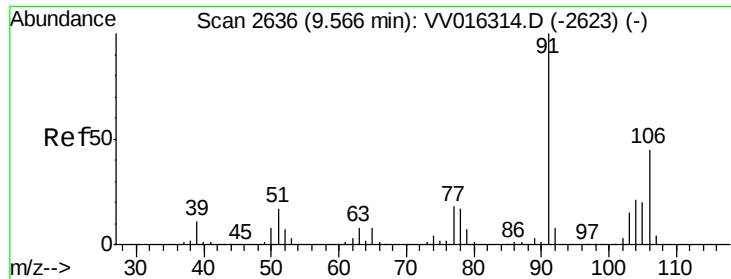
106 100

91 226.0 148.1 275.0



Abundance Ion 106.15 (105.85 to 106.85): VV016323.D (-2510) (-)





#56
 o-xylene
 Concen: 0.137 ug/L
 RT: 9.57 min Scan# 2637
 Delta R.T. 0.00 min
 Lab File: VV016323.D
 Acq: 29 May 2020 18:25

Instrument :
 MSVOA_V
 ClientSampleId :
 F9B14DL

Tot Ion:106 Resp: 1589
 Ion Ratio Lower Upper
 106 100
 91 211.8 158.8 294.8

